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Thin Profile Air Defrost

Overview



Product Description

Model TA is a thin profile air defrost unit which mounts in the top of a refrigerator and makes the entire top shelf area usable. The attractive low silhouette makes the unit particularly desirable for display type refrigerators. It can also be used in back bars, under counter cabinets, or wherever space is at a premium and is ideal for 35° to 45°F fixtures at 10° to 15° TD applications with 16 hours maximum compressor run time per day.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate guards and fans
- Drain fitting mounted at 45° angle so drain can be run through back or bottom of refrigerator
- Expansion valve can be mounted inside the cabinet
- Stainless steel screws
- Motors are thermally protected and permanently lubricated
- Convenient, moisture proof motor plug
- Compact design achieves a big job in a small space
- Internal junction box for electrical connection
- Sweat inlet connection standard to reduce leaks

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model TAK) for enhanced protection in corrosive environments

Model Pricing

Larkin Standard Model	Voltage	List Price (\$US)
TA10AG	115/1/60	699
TA10BG	208-230/1/60	751
TA13AG	115/1/60	904
TA13BG	208-230/1/60	969
TA17AG	115/1/60	1,057
TA17BG	208-230/1/60	1,127
TA23AG	115/1/60	1,343
TA23BG	208-230/1/60	1,442
TA30AG	115/1/60	1,669
TA30BG	208-230/1/60	1,783

Larkin Standard Model	Voltage	List Price (\$US)
TA43AG	115/1/60	2,255
TA43BG	208-230/1/60	2,412
TA55AG	115/1/60	2,857
TA55BG	208-230/1/60	3,056
TAK10AG	115/1/60	816
TAK10BG	208-230/1/60	875
TAK13AG	115/1/60	1,037
TAK13BG	208-230/1/60	1,114
TAK17AG	115/1/60	1,182
TAK17BG	208-230/1/60	1,266

Larkin Standard Model	Voltage	List Price (\$US)
TAK23AG	115/1/60	1,497
TAK23BG	208-230/1/60	1,600
TAK30AG	115/1/60	1,827
TAK30BG	208-230/1/60	1,953
TAK43AG	115/1/60	2,478
TAK43BG	208-230/1/60	2,653
TAK55AG	115/1/60	3,178
TAK55BG	208-230/1/60	3,404

Nomenclature

TA	K	17	B	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Thin Profile Air Defrost	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Thin Profile Electric Defrost

Overview



Product Description

Model TL low temperature unit cooler has a completely automatic defrost system. Mounted in the top of a refrigerator, its extremely compact cabinet makes it possible to utilize the entire top shelf area for storage. Having a normal operating range of +20°F. to -20°F., this unit is ideally suited applications including commercial freezers, ice cream boxes, bakery freezers and dual-temp reach-in boxes. Mechanical contact is provided between the heater elements and the drain pan, ensuring a warm pan during the defrost cycle. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Electric defrost ensures positive heat source
- Built-in fan delay allows coil to be chilled before returning to the normal cooling cycle
- Defrost terminates on coil temperature eliminating excessive defrost period
- Textured aluminum cabinet
- Molded Polycarbonate guard
- Knockouts provided on sides for electrical connections - opening in rear for coil connections
- Expansion valve can be mounted inside the cabinet
- Stainless steel screws
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Plate type aluminum fins with full collars on expanded copper tubes
- Coils are dehydrated and sealed
- Easy to install and maintain
- Sweat inlet connection to reduce leaks
- All models UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- EC motors available for some models

Model Pricing

Larkin Standard Model	Voltage	List Price (\$US)	Larkin Standard Model	Voltage	List Price (\$US)
TL09AG	115/1/60	1,165	TL21AG	115/1/60	1,969
TL09BG	208-230/1/60	1,165	TL21BG	208-230/1/60	1,969
TL12AG	115/1/60	1,401	TL28AG	115/1/60	2,478
TL12BG	208-230/1/60	1,401	TL28BG	208-230/1/60	2,478
TL16AG	115/1/60	1,733	TL35BG	208-230/1/60	2,795
TL16BG	208-230/1/60	1,733	TL53BG	208-230/1/60	3,848

Nomenclature

TL	12	B	G
Model Series	Model Size	Electrical Code	Vintage
Thin Profile Electric Defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Section 1

C Profile

Overview



Product Description

Model C is ideal for refrigerated reach-ins. It mounts to the top of the refrigerator and discharges cold air against the back wall. With this air flow pattern, the air is not blasted on the product but is diffused along the back wall and then gently drawn across the product as it returns to the unit. Thus, uniform temperatures are maintained throughout the refrigerator. In addition, door sweating and refrigeration loss due to door opening is greatly reduced because the air is not discharged against the doors. Mounting is made easy by means of aluminum hangers that automatically space the unit the correct distance from the back wall. The expansion valve fits inside, out of sight. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate guard
- Drain fitting at 45-degree angle so drain can be run through bottom or back of refrigerator
- Aluminum hangers automatically space the unit to the correct distance from the back wall
- Stainless steel screws prevent rust streaks
- Room for expansion valve inside the unit
- Knockouts in sides and top plus openings in rear provide maximum flexibility for electrical connection
- Full collar aluminum fins on expanded copper tubes
- Internal junction box with pigtail leads for electrical connection
- Motors are thermally protected and permanently lubricated
- Sweat inlet connection standard to reduce leaks
- All models UL listed for US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model CK) for enhanced protection in corrosive environments
- EC motors available

Model Pricing

Larkin Standard Model	Voltage	List Price (\$US)
C13AG	115/1/60	894
C13BG	208-230/1/60	959
C17AG	115/1/60	945
C17BG	208-230/1/60	1,014
C23AG	115/1/60	1,099
C23BG	208-230/1/60	1,181
C30AG	115/1/60	1,416
C30BG	208-230/1/60	1,574
C43AG	115/1/60	1,770
C43BG	208-230/1/60	1,896

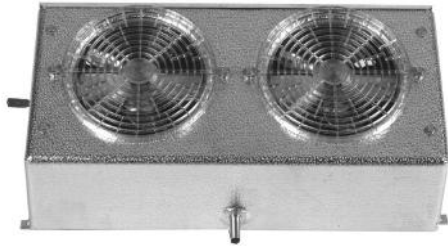
Larkin Standard Model	Voltage	List Price (\$US)
CK13AG	115/1/60	959
CK13BG	208-230/1/60	1,028
CK17AG	115/1/60	1,025
CK17BG	208-230/1/60	1,095
CK23AG	115/1/60	1,182
CK23BG	208-230/1/60	1,266
CK30AG	115/1/60	1,634
CK30BG	208-230/1/60	1,743
CK43AG	115/1/60	2,108
CK43BG	208-230/1/60	2,259

Nomenclature

C	K	43	B	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
High Profile Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

V Profile

Overview



Product Description

Model VA is a deluxe unit designed for use in small reach-ins, back bar and under counter refrigerators, and many other applications where a small, compact unit is required. The thermal expansion valve mounts inside the unit. The unit can be mounted from the ceiling or off the back wall or end walls, or can be used in a mullion application. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate fan guard
- Improved drain pan overlaps coil surface to catch all condensate
- Stainless steel screws prevent rust streaks
- Plate-type aluminum fins with full collars on expanded copper tubes
- Expansion valve can be mounted inside the cabinet
- Internal junction box for electrical connection
- Pigtail leads in junction box
- Motors are thermally protected and permanently lubricated
- Top quality throughout in a compact size
- Sweat inlet connection standard to reduce leaks
- All models UL listed for US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model VAK) for enhanced protection in corrosive environments
- EC motors available for some models

Models Pricing

Larkin Standard Model	Voltage	List Price (\$US)	Larkin Standard Model	Voltage	List Price (\$US)
VA06AG	115/1/60	588	VAK06AG	115/1/60	679
VA06BG	208-230/1/60	630	VAK06BG	208-230/1/60	722
VA08AG	115/1/60	630	VAK08AG	115/1/60	717
VA08BG	208-230/1/60	678	VAK08BG	208-230/1/60	768
VA12AG	115/1/60	857	VAK12AG	115/1/60	926
VA12BG	208-230/1/60	920	VAK12BG	208-230/1/60	992
VA17AG	115/1/60	969	VAK17AG	115/1/60	1,037
VA17BG	208-230/1/60	1,034	VAK17BG	208-230/1/60	1,114

Nomenclature

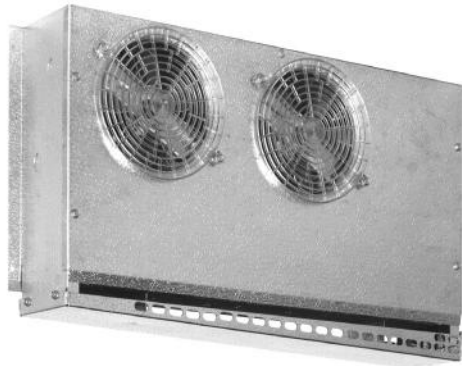
VA	K	08	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
V Profile Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Reach-In Unit Coolers



Back Bar

Overview



Product Description

Model BB, available in medium and low temperature, a compact, wall-mounted units featuring a low height making them ideal for under counter reach-in or drawertype fixtures. The unit draws air in at the bottom and discharges out the front. An optional air deflector is included and can be mounted over the center of the fan to direct air up and out. The deflector can be fieldformed to direct the air where needed, usually onto drop-in trays of condiments in salad bar or sandwich preparation fixtures. An S-type mounting angle is included to position the unit 3/4" off the wall, allowing for optimum air circulation and performance.

Certifications



Standard Features

- Molded Polycarbonate fan guards
- Coils have copper tubes with aluminum fins, mechanically bonded for efficient heat transfer. The coils are dehydrated and sealed
- Textured aluminum cabinet
- Knockouts are conveniently located for refrigerant lines
- Screws are hardened, stainless steel
- Expansion valve can be mounted inside the cabinet and connections are sweat-type
- Motors are thermally protected and permanently lubricated
- Master units include the basic unit plus factory mounted expansion valve, solenoid, and temperature control. Also right-hand piping extended 8" - 12" outside the housing, sealed and pressurized to 20 - 30 PSI. A 1/4" OD liquid feed to slave is included
- Slave units include the basic unit plus factory mounted expansion valve with left-hand piping extended 8" - 12" outside the housing, sealed and pressurized to 20 - 30 PSI
- Sweat inlet connection to reduce leaks

Options

- Flare connection available as a ship loose option
- Consult Factory for 208-230V units

Model Pricing

Consult factory for 208-230V units

Larkin Standard Model	Voltage	List Price (\$US)
BBM11AG	115/1/60	1,220
BBM16AG	115/1/60	1,472
BBMM11AG	115/1/60	2,686
BBMM16AG	115/1/60	2,943
BBMS11AG	115/1/60	2,332
BBMS16AG	115/1/60	2,591

Larkin Standard Model	Voltage	List Price (\$US)
BBL10AG	115/1/60	1,644
BBL15AG	115/1/60	1,952
BBLM10AG	115/1/60	3,549
BBLM15AG	115/1/60	3,960
BBLS10AG	115/1/60	3,195
BBLS15AG	115/1/60	3,608

Nomenclature

BB	L	S	10	A	G
Model Series	Unit Temp	Unit Type	Model Size	Electrical Code	Vintage
Back Bar Unit Cooler	L = Low M = Medium	Blank = Standard S = Slave M = Master	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Mullion

Overview



Product Description

Model KMK is ideal for under-counter reachin refrigerators. The thin line design allows the unit to be mounted behind the mullion with sufficient clearance for tray slides. A down flow fan arrangement is used with air drawn in at the top and discharged at the bottom. This design provides superior air circulation and ensures uniform temperature throughout the cabinet. This versatile design is also adaptable for mounting on the back wall or ends of a cooler. The method of air circulation ensures minimum box temperature rise when the cabinet doors are open. Ideal for bottled goods and beverage coolers.

Certifications



Standard Features

- Light grained aluminum cabinets
- PVC coated fan guard
- Stainless steel hardware
- Coils have full collar aluminum fins on expanded copper tubes
- Coated coil for enhanced protection in corrosive environments
- Refrigerant connection knockouts provided on both ends of unit
- Expansion valve can be mounted inside the cabinet
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Adjustable air deflector included provides different air patterns. Air can be directed where it's needed
- Sweat inlet connection to reduce leaks
- All models UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Model Pricing

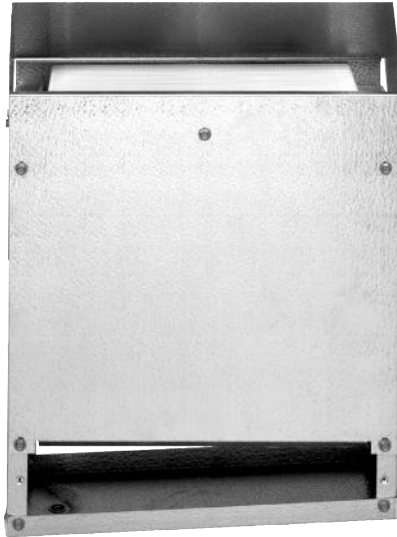
Larkin Standard Model	Voltage	List Price (\$US)
KMK13AG	115/1/60	1,284
KMK13BG	208-230/1/60	1,372
KMK17AG	115/1/60	1,554
KMK17BG	208-230/1/60	1,659
KMK23AG	115/1/60	1,859
KMK23BG	208-230/1/60	1,988

Nomenclature

KM	K	13	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Kompact Mullion	K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Reverse Mullion

Overview



Product Description

Model RAMK is ideal for under-counter reach-in refrigerators, under-counter drawer type refrigerators and salad bars. The unit is suitable for mounting behind a mullion or on a wall. An up flow air pattern is used with air drawn in at the bottom and discharged out the top. This provides optimum temperature for drop in trays on salad bars or prep tables. It also keeps drawer stored product in premium condition.

An adjustable and detachable air deflector/splash protector is included. The deflector can be adjusted to direct the air up and out at a 45° angle. This feature provides excellent air distribution over drop in trays or containers. Food in the trays and containers stays colder, lasts longer, and retains the desired appearance. The deflector can be adjusted to distribute air out both sides when used as a mullion unit.

Certifications



Standard Features

- Textured aluminum cabinet
- PVC coated fan guard
- Stainless steel hardware
- Coils have full collar aluminum fins on expanded copper tubes
- Coated coil for enhanced protection in corrosive environments
- Refrigerant connection knockouts provided on both ends of unit
- Expansion valve can be mounted inside the cabinet
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Adjustable air deflector included provides different air patterns. Air can be directed where it's needed
- Sweat inlet connection standard to reduce leaks
- All models are UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Models Pricing

Larkin Standard Model	Voltage	List Price (\$US)
RAMK13AG	115/1/60	1,284
RAMK13BG	208-230/1/60	1,372
RAMK17AG	115/1/60	1,554
RAMK17BG	208-230/1/60	1,659
RAMK23AG	115/1/60	1,859
RAMK23BG	208-230/1/60	1,988

Nomenclature

RAM	K	13	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Reverse Air Flow Kompact Mullion	K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Twin Flow

Overview



Product Description

Model BTO is a compact two-way design with medium velocity airflow. The unit is mounted flush to the ceiling and draws air in through the fan and discharges out both sides. The air pattern reduces air loss when doors are opened and the medium velocity reduces product drying. Twin flow units are for temperatures of 35°F. and higher. Box temperatures are kept more constant throughout and fresh products last longer. Seven sizes are available with BTUH from 900 to 5500 at 10° TD. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Compact two-way design with medium velocity air flow
- Mounts flush to the ceiling and draws air in through the fan and discharges out both sides
- Air pattern reduces air loss when doors are opened and the medium velocity reduces product drying
- Textured aluminum cabinet
- Stainless steel fasteners
- Molded Polycarbonate fan guards
- Drain pan and fan panel is easily removed for installation and servicing
- Coils are constructed of copper tubing with aluminum fins
- Expansion valve can be mounted inside the cabinet
- Internal junction box is provided for electrical connection
- Motors are thermally protected and permanently lubricated
- Sweat inlet connection to reduce leaks
- All models are UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model BTOK) for enhanced protection in corrosive environments
- EC motors available for some models

Model Pricing

Larkin Standard Model	Voltage	List Price (\$US)
BTO09AG	115/1/60	735
BTO09BG	208-230/1/60	787
BTO13AG	115/1/60	970
BTO13BG	208-230/1/60	1,036
BTO18AG	115/1/60	1,125
BTO18BG	208-230/1/60	1,203
BTO25AG	115/1/60	1,384
BTO25BG	208-230/1/60	1,474
BTO35AG	115/1/60	1,794
BTO35BG	208-230/1/60	1,917
BTO45AG	115/1/60	2,272
BTO45BG	208-230/1/60	2,431
BTO55AG	115/1/60	2,885
BTO55BG	208-230/1/60	3,088
BTOK09AG	115/1/60	869
BTOK09BG	208-230/1/60	936
BTOK13AG	115/1/60	1,043
BTOK13BG	208-230/1/60	1,116
BTOK18AG	115/1/60	1,322
BTOK18BG	208-230/1/60	1,416
BTOK25AG	115/1/60	1,630
BTOK25BG	208-230/1/60	1,739
BTOK35AG	115/1/60	2,113
BTOK35BG	208-230/1/60	2,261
BTOK45AG	115/1/60	2,645
BTOK45BG	208-230/1/60	2,830
BTOK55AG	115/1/60	3,286
BTOK55BG	208-230/1/60	3,518

Nomenclature

BTO	K	09	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Twin Flow Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Dual Air

Overview



Product Description

Model U unit cooler is used wherever a small, compact unit is required, such as salad boxes, back bars and direct draw boxes. It can be mounted on the ceiling or wall. The Model U unit draws air in through the front and discharges it out both sides to ensure proper distribution of cool air and thus maintain a uniform box temperature.

Certifications



Standard Features

- Textured aluminum cabinet
- Full collar aluminum fins on expanded copper tubes
- Detachable drain pan that is easy to clean
- Molded 3-prong motor connector to save installation time and expense
- Motors are thermally protected and permanently lubricated
- Optional coated coil available (Model UK) for enhanced protection in corrosive environments
- Sweat inlet connection to reduce leaks
- All models are UL recognized for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Model Pricing

Larkin Standard Model	Voltage	List Price (\$US)
U0090	115/1/60	726
U0091	208-230/1/60	955
U0120	115/1/60	826
U0121	208-230/1/60	1,034
U0150	115/1/60	924
U0151	208-230/1/60	1,145
UK0090	115/1/60	831
UK0091	208-230/1/60	1,086
UK0120	115/1/60	940
UK0121	208-230/1/60	1,196
UK0150	115/1/60	1,057
UK0151	208-230/1/60	1,296

Nomenclature

U	K	09	0
Model Series	Coil Option	Model Size	Electrical Code
Dual Aire Standard Coil	Blank = Standard K = Coated	# x 100 = BTUH	0 = 115/1/60 1 = 208-230/1/60



Reach-In Unit Coolers

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under	11,000 BTUH and under

Extended Thin Profile

Overview



Product Description

Extended Thin Profile LTA & LTL unit coolers are the most compact designed units for reach in display cases. The unit's low height design allows the unit to 'hide' at the top of the cooler, which gives the case a cleaner look and also allows for more room for shelves and product. These units have front access end panels for easy access to the refrigerant and electrical compartments, along with modular front access panels that make it easy to access the motors. Internally enhanced tube design produces better unit performance.

Better performance, easy installation, serviceability and high quality make this unit the perfect fit for your display case needs.

Certifications



Standard Features

- Low height makes it the most compact unit for display cases where space is limited, giving the case a clean look and allowing for more shelving and product storage
- Textured aluminum cabinet
- Easy access to motors and the refrigerant and electrical components with front access panels
- Modular front access panels can be removed independently of the drain pan
- Plastic vibration isolators for fan panels and drain pan reduce noise and vibration
- Liquid-line solenoid wire harness comes standard for quick installation
- Internally enhanced tube design produces better unit performance
- Heaters are attached to the coil for easier serviceability
- Defrost termination control
- Fan delay control
- Heater safety control

Nomenclature

LT	A	053	B	A
Model Series	Model Type	Model Size	Electrical Code	Vintage
Extended Thin Profile Unit Cooler	A = Air Defrost L = Electric Defrost	# x 100 = BTUH	AE = 115/1/60 (EC Motors) BE = 208-230/1/60 (EC Motors) S = Configurable	



Step-In Unit Coolers

Extended Thin Profile

Models & Options Pricing

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Mechanical Options			Coil Options	
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	White Cabinet	ProKote™ Fin Protection	Copper Fin Coils
Air Defrost Models with EC Motors, 115/1/60									
LTA053AEA	LTA053SA	3,355	1,559	325	453	771	214	1,137	1,284
LTA079AEA	LTA079SA	3,748	1,559	325	453	771	214	1,137	1,284
LTA102AEA	LTA102SA	4,587	1,559	325	453	771	214	1,137	1,284
LTA134AEA	LTA134SA	5,324	1,559	325	453	771	214	1,137	1,284
LTA172AEA	LTA172SA	6,015	1,559	325	453	771	214	1,137	1,284
Air Defrost Models with EC Motors, 208-230/1/60									
LTA053BEA	LTA053SA	3,355	1,559	325	453	771	214	1,137	1,284
LTA079BEA	LTA079SA	3,748	1,559	325	453	771	214	1,137	1,284
LTA102BEA	LTA102SA	4,587	1,559	325	453	771	214	1,137	1,284
LTA134BEA	LTA134SA	5,324	1,559	325	453	771	214	1,137	1,284
LTA172BEA	LTA172SA	6,015	1,559	325	453	771	214	1,137	1,284
Electric Defrost Models with EC Motors, 208-230/1/60									
LTL046BEA	LTL046SA	3,589	1,559	325	453	771	214	-	1,284
LTL068BEA	LTL068SA	4,031	1,559	325	453	771	214	-	1,284
LTL093BEA	LTL093SA	4,968	1,559	325	453	771	214	-	1,284
LTL115BEA	LTL115SA	5,742	1,559	325	453	771	214	-	1,284
LTL133BEA	LTL133SA	6,508	1,559	325	453	771	214	-	1,284

Section 1

Step-In Unit Coolers



Extended Thin Profile

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH



Walk-In Unit Coolers

Slim Contour



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Walk-In Unit Coolers

Slim Contour

Section 1

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Low Profile

Overview



Product Description

The low profile unit cooler, available in air, electric, and hot gas defrost, is designed for maximum capacity while occupying a minimum amount of space inside a walk-in cooler or freezer. These units are ideal for many applications including restaurants and convenience stores. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Cabinet design features front access panels on each side for easy access to electrical and refrigeration components
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Liquid line solenoid wire harness is factory-installed for quick installation
- Pre-drilled holes on the back of the unit for room thermostat
- Coil heater slots have been enlarged for easier installation and replacement
- On 4-6 fan models, drain pan has a lanyard for easy and safe access
- Motors plug into wiring harness for easier servicing
- Hot gas loop on bottom of coil for easier access is standard for hot gas defrost models

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Attractive white cabinet

Performance

- Internal panels are isolated for quiet operation
- Internally enhanced tubing and fin design for higher efficiency
- Reduced heater wattages
- Fixed defrost termination for electric, adjustable defrost termination for hot gas
- Extended drain pan heaters for more uniform defrost throughout the drain pan and additional heat in end compartments

Versatile

- Large diameter drain hole (3/4" ID) is located on the back of the unit
- Minimal height of the low profile series makes it ideal for low ceiling coolers

Nomenclature

LC	A6	120	A	G	B
Model Series	Model Type	Capacity	Electrical Code	Control Option	Vintage
LC = Larkin Low Profile Unit Cooler	A6 = Air defrost E6 = Electric defrost, 6 FPI E4 = Electric defrost, 4 FPI E6 = Hot Gas defrost, 6 FPI E4 = Hot Gas defrost, 4 FPI	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60 M = 460/1/60 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) CE = 208-230/3/60 (EC) S = Configurable	G = IntelliGen™ *only available on Air and Electric Defrost Models	

IntelliGen™ only available for 115/1 and 208-230/1 voltages.

Walk-In Unit Coolers



Low Profile

Mounted Components Models

Factory Installed Component Models Include:

- Sporlan R404A Expansion Valve
 - Q body valve with inlet strainer
 - Air Defrost (35° F room) will be C charged
 - Electric Defrost (-10° F room) will be ZP charged
- Mechanical Room Thermostat
- Emerson Solenoid Valve with Dual Voltage Coil

Larkin Standard Model	List Price (\$US)
Air Defrost Models with EC Motors - 115/1/60	
LCA640AEWMC6B	2,863
LCA651AEWMC6B	2,956
LCA662AEWMC6B	3,095
LCA672AEWMC6B	3,857
LCA690AEWMC6B	4,158
LCA6260AEWMC6B	8,655
LCA6110AEWMC6B	4,485
LCA6135AEWMC6B	5,229
LCA6160AEWMC6B	5,790
LCA6185AEWMC6B	6,724
LCA6215AEWMC6B	7,325
LCA6310AEWMC6B	10,209
LCA6350AEWMC6B	10,941
Air Defrost Models with PSC Motors - 115/1/60	
LCA640AWMC6B	2,494
LCA651AWMC6B	2,587
LCA662AWMC6B	2,726
LCA672AWMC6B	3,119
LCA690AWMC6B	3,419
LCA6260AWMC6B	6,810
LCA6110AWMC6B	3,747
LCA6135AWMC6B	4,122
LCA6160AWMC6B	4,683
LCA6185AWMC6B	5,248
LCA6215AWMC6B	5,849
LCA6310AWMC6B	7,995
LCA6350AWMC6B	8,727

Larkin Standard Model	List Price (\$US)
Electric Defrost Models with EC Motors - 208-230/1/60	
LCE635BEWMC6B	3,642
LCE643BEWMC6B	3,940
LCE665BEWMC6B	4,927
LCE676BEWMC6B	5,129
LCE694BEWMC6B	5,392
LCE6120BEWMC6B	6,568
LCE6140BEWMC6B	7,302
LCE6160BEWMC6B	8,387
LCE6180BEWMC6B	9,153
LCE6200BEWMC6B	10,351
LCE6240BEWMC6B	12,117
LCE6270BEWMC6B	13,033
Electric Defrost Models with PSC Motors - 208-230/1/60	
LCE635BWMC6B	3,273
LCE643BWMC6B	3,571
LCE665BWMC6B	4,189
LCE676BWMC6B	4,391
LCE694BWMC6B	4,654
LCE6120BWMC6B	5,461
LCE6140BWMC6B	6,195
LCE6160BWMC6B	6,911
LCE6180BWMC6B	7,677
LCE6200BWMC6B	8,506
LCE6240BWMC6B	9,903
LCE6270BWMC6B	10,819

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors



Walk-In Unit Coolers

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List price Adders (\$US)								
					Electrical Options			Mechanical Options			Coil Options		
					Beacon II	QRC	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60													
LCA640AEB	LCA640SB	1,767	LCA640SGB	3,821	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA651AEB	LCA651SB	1,860	LCA651SGB	3,914	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA662AEB	LCA662SB	1,999	LCA662SGB	4,053	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA672AEB	LCA672SB	2,761	LCA672SGB	4,815	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA690AEB	LCA690SB	3,061	LCA690SGB	5,115	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6110AEB	LCA6110SB	3,389	LCA6110SGB	5,443	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6135AEB	LCA6135SB	4,133	LCA6135SGB	6,187	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6160AEB	LCA6160SB	4,694	LCA6160SGB	6,748	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6185AEB	LCA6185SB	5,628	LCA6185SGB	7,682	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6215AEB	LCA6215SB	6,229	LCA6215SGB	8,283	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6260AEB	LCA6260SB	7,559	LCA6260SGB	9,613	1,559	1,559	325	453	771	1,424	1,762	1,213	2,087
LCA6310AEB	LCA6310SB	8,663	LCA6310SGB	10,717	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
LCA6350AEB	LCA6350SB	9,395	LCA6350SGB	11,449	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
Air Defrost Models with EC Motors - 208-230/1/60													
LCA640BEB	LCA640SB	1,878	LCA640SGB	3,932	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA651BEB	LCA651SB	1,882	LCA651SGB	3,921	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA662BEB	LCA662SB	2,174	LCA662SGB	4,228	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA672BEB	LCA672SB	2,921	LCA672SGB	4,975	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA690BEB	LCA690SB	3,098	LCA690SGB	5,152	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6110BEB	LCA6110SB	3,428	LCA6110SGB	5,482	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6135BEB	LCA6135SB	4,186	LCA6135SGB	6,240	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6160BEB	LCA6160SB	4,816	LCA6160SGB	6,870	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6185BEB	LCA6185SB	5,829	LCA6185SGB	7,883	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6215BEB	LCA6215SB	6,606	LCA6215SGB	8,660	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6260BEB	LCA6260SB	8,016	LCA6260SGB	10,070	1,559	1,559	325	453	771	1,424	1,762	1,213	2,087
LCA6310BEB	LCA6310SB	9,175	LCA6310SGB	11,229	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
LCA6350BEB	LCA6350SB	9,847	LCA6350SGB	11,901	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322

Federal Regulation Requires EC Motors!
Energy Independence and Security Act of 2007 (H.R. 6)
 Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List price Adders (\$US)								
					Electrical Options			Mechanical Options			Coil Options		
					Beacon II	QRC	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 115/1/60													
LCA640AB	LCA640SB	1,398	LCA640SGB	3,452	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA651AB	LCA651SB	1,491	LCA651SGB	3,545	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA662AB	LCA662SB	1,630	LCA662SGB	3,684	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA672AB	LCA672SB	2,023	LCA672SGB	4,077	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA690AB	LCA690SB	2,323	LCA690SGB	4,377	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6110AB	LCA6110SB	2,651	LCA6110SGB	4,705	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6135AB	LCA6135SB	3,026	LCA6135SGB	5,080	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6160AB	LCA6160SB	3,587	LCA6160SGB	5,641	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6185AB	LCA6185SB	4,152	LCA6185SGB	6,206	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6215AB	LCA6215SB	4,753	LCA6215SGB	6,807	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6260AB	LCA6260SB	5,714	LCA6260SGB	7,768	1,559	1,559	325	453	771	1,424	1,762	1,213	2,087
LCA6310AB	LCA6310SB	6,449	LCA6310SGB	8,503	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
LCA6350AB	LCA6350SB	7,181	LCA6350SGB	9,235	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
Air Defrost Models with PSC Motors - 208-230/1/60													
LCA640BB	LCA640SB	1,509	LCA640SGB	3,563	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA651BB	LCA651SB	1,512	LCA651SGB	3,552	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA662BB	LCA662SB	1,805	LCA662SGB	3,859	1,559	1,559	325	453	771	1,424	512	1,114	1,749
LCA672BB	LCA672SB	2,183	LCA672SGB	4,237	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA690BB	LCA690SB	2,360	LCA690SGB	4,414	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6110BB	LCA6110SB	2,690	LCA6110SGB	4,744	1,559	1,559	325	453	771	1,424	761	1,137	1,749
LCA6135BB	LCA6135SB	3,079	LCA6135SGB	5,133	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6160BB	LCA6160SB	3,709	LCA6160SGB	5,763	1,559	1,559	325	453	771	1,424	1,112	1,160	1,749
LCA6185BB	LCA6185SB	4,353	LCA6185SGB	6,407	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6215BB	LCA6215SB	5,130	LCA6215SGB	7,184	1,559	1,559	325	453	771	1,424	1,398	1,185	1,749
LCA6260BB	LCA6260SB	6,171	LCA6260SGB	8,225	1,559	1,559	325	453	771	1,424	1,762	1,213	2,087
LCA6310BB	LCA6310SB	6,961	LCA6310SGB	9,015	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322
LCA6350BB	LCA6350SB	7,633	LCA6350SGB	9,687	1,559	1,559	325	856	1,221	1,875	1,762	1,236	2,322

Federal Regulation Requires EC Motors!
Energy Independence and Security Act of 2007 (H.R. 6)
 Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List price Adders (\$US)								
					Electrical Options			Mechanical Options			Coil Options		
					Beacon II	QRC	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 460/1/60													
-	LCA640SB	1,692	-	-	-	-	325	453	771	1,424	512	1,114	1,749
-	LCA651SB	1,679	-	-	-	-	325	453	771	1,424	512	1,114	1,749
-	LCA662SB	1,987	-	-	-	-	325	453	771	1,424	512	1,114	1,749
-	LCA672SB	2,551	-	-	-	-	325	453	771	1,424	761	1,137	1,749
-	LCA690SB	2,727	-	-	-	-	325	453	771	1,424	761	1,137	1,749
-	LCA6110SB	3,056	-	-	-	-	325	453	771	1,424	761	1,137	1,749
-	LCA6135SB	3,626	-	-	-	-	325	453	771	1,424	1,112	1,160	1,749
-	LCA6160SB	4,260	-	-	-	-	325	453	771	1,424	1,112	1,160	1,749
-	LCA6185SB	5,086	-	-	-	-	325	453	771	1,424	1,398	1,185	1,749
-	LCA6215SB	5,862	-	-	-	-	325	453	771	1,424	1,398	1,185	1,749
-	LCA6260SB	7,083	-	-	-	-	325	453	771	1,424	1,762	1,213	2,087
-	LCA6310SB	8,062	-	-	-	-	325	856	1,221	1,875	1,762	1,236	2,322
-	LCA6350SB	8,730	-	-	-	-	325	856	1,221	1,875	1,762	1,236	2,322

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

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Walk-In Unit Coolers



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Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
						Electrical Options				Mechanical Options		
						Beacon II	QRC	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
Electric Defrost Models with EC Motors - 208-230/1/60												
LCE635BEB	LCE635SB	6	2,546	LCE635SGB	4,600	1,559	1,559	540	325	453	771	1,424
LCE643BEB	LCE643SB	6	2,844	LCE643SGB	4,898	1,559	1,559	540	325	453	771	1,424
LCE665BEB	LCE665SB	6	3,831	LCE665SGB	5,885	1,559	1,559	540	325	453	771	1,424
LCE676BEB	LCE676SB	6	4,033	LCE676SGB	6,087	1,559	1,559	540	325	453	771	1,424
LCE694BEB	LCE694SB	6	4,296	LCE694SGB	6,350	1,559	1,559	540	325	453	771	1,424
LCE6120BEB	LCE6120SB	6	5,472	LCE6120SGB	7,526	1,559	1,559	540	325	453	771	1,424
LCE6140BEB	LCE6140SB	6	6,206	LCE6140SGB	8,260	1,559	1,559	540	325	453	771	1,424
LCE6160BEB	LCE6160SB	6	7,291	LCE6160SGB	9,345	1,559	1,559	540	325	453	771	1,424
LCE6180BEB	LCE6180SB	6	8,057	LCE6180SGB	10,111	1,559	1,559	540	325	453	771	1,424
LCE6200BEB	LCE6200SB	6	9,255	LCE6200SGB	11,309	1,559	1,559	540	325	453	771	1,424
LCE6240BEB	LCE6240SB	6	10,571	LCE6240SGB	12,625	1,559	1,559	540	325	856	1,221	1,875
LCE6270BEB	LCE6270SB	6	11,487	LCE6270SGB	13,541	1,559	1,559	540	325	856	1,221	1,875
LCE441BEB	LCE441SB	4	2,460	LCE441SGB	4,514	1,559	1,559	540	325	453	771	1,424
LCE457BEB	LCE457SB	4	3,770	LCE457SGB	5,824	1,559	1,559	540	325	453	771	1,424
LCE467BEB	LCE467SB	4	4,091	LCE467SGB	6,145	1,559	1,559	540	325	453	771	1,424
LCE482BEB	LCE482SB	4	4,499	LCE482SGB	6,553	1,559	1,559	540	325	453	771	1,424
LCE4105BEB	LCE4105SB	4	5,551	LCE4105SGB	7,605	1,559	1,559	540	325	453	771	1,424
LCE4139BEB	LCE4139SB	4	7,301	LCE4139SGB	9,355	1,559	1,559	540	325	453	771	1,424
LCE4174BEB	LCE4174SB	4	9,232	LCE4174SGB	11,286	1,559	1,559	540	325	453	771	1,424
LCE4208BEB	LCE4208SB	4	10,522	LCE4208SGB	12,576	1,559	1,559	540	325	856	1,221	1,875
LCE4235BEB	LCE4235SB	4	11,654	LCE4235SGB	13,708	1,559	1,559	540	325	856	1,221	1,875
Electric Defrost Models with EC Motors - 208-230/3/60												
LCE635CEB	LCE635SB	6	2,665	-	-	-	-	540	325	453	771	1,424
LCE643CEB	LCE643SB	6	2,935	-	-	-	-	540	325	453	771	1,424
LCE665CEB	LCE665SB	6	4,117	-	-	-	-	540	325	453	771	1,424
LCE676CEB	LCE676SB	6	4,201	-	-	-	-	540	325	453	771	1,424
LCE694CEB	LCE694SB	6	4,684	-	-	-	-	540	325	453	771	1,424
LCE6120CEB	LCE6120SB	6	5,758	-	-	-	-	540	325	453	771	1,424
LCE6140CEB	LCE6140SB	6	6,515	-	-	-	-	540	325	453	771	1,424
LCE6160CEB	LCE6160SB	6	7,575	-	-	-	-	540	325	453	771	1,424
LCE6180CEB	LCE6180SB	6	8,432	-	-	-	-	540	325	453	771	1,424
LCE6200CEB	LCE6200SB	6	9,543	-	-	-	-	540	325	453	771	1,424

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.



Walk-In Unit Coolers

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Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
						Electrical Options				Mechanical Options		
						Beacon II	QRC	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
LCE6240CEB	LCE6240SB	6	10,859	-	-	-	-	540	325	856	1,221	1,875
LCE6270CEB	LCE6270SB	6	11,905	-	-	-	-	540	325	856	1,221	1,875
LCE441CEB	LCE441SB	4	2,586	-	-	-	-	540	325	453	771	1,424
LCE457CEB	LCE457SB	4	3,870	-	-	-	-	540	325	453	771	1,424
LCE467CEB	LCE467SB	4	4,244	-	-	-	-	540	325	453	771	1,424
LCE482CEB	LCE482SB	4	4,612	-	-	-	-	540	325	453	771	1,424
LCE4105CEB	LCE4105SB	4	5,845	-	-	-	-	540	325	453	771	1,424
LCE4139CEB	LCE4139SB	4	7,598	-	-	-	-	540	325	453	771	1,424
LCE4174CEB	LCE4174SB	4	9,525	-	-	-	-	540	325	453	771	1,424
LCE4208CEB	LCE4208SB	4	10,824	-	-	-	-	540	325	856	1,221	1,875
LCE4235CEB	LCE4235SB	4	12,019	-	-	-	-	540	325	856	1,221	1,875

Electric Defrost Models with PSC Motors - 208-230/1/60

LCE635BB	LCE635SB	6	2,177	LCE635SGB	4,231	1,559	1,559	540	325	453	771	1,424
LCE643BB	LCE643SB	6	2,475	LCE643SGB	4,529	1,559	1,559	540	325	453	771	1,424
LCE665BB	LCE665SB	6	3,093	LCE665SGB	5,147	1,559	1,559	540	325	453	771	1,424
LCE676BB	LCE676SB	6	3,295	LCE676SGB	5,349	1,559	1,559	540	325	453	771	1,424
LCE694BB	LCE694SB	6	3,558	LCE694SGB	5,612	1,559	1,559	540	325	453	771	1,424
LCE6120BB	LCE6120SB	6	4,365	LCE6120SGB	6,419	1,559	1,559	540	325	453	771	1,424
LCE6140BB	LCE6140SB	6	5,099	LCE6140SGB	7,153	1,559	1,559	540	325	453	771	1,424
LCE6160BB	LCE6160SB	6	5,815	LCE6160SGB	7,869	1,559	1,559	540	325	453	771	1,424
LCE6180BB	LCE6180SB	6	6,581	LCE6180SGB	8,635	1,559	1,559	540	325	453	771	1,424
LCE6200BB	LCE6200SB	6	7,410	LCE6200SGB	9,464	1,559	1,559	540	325	453	771	1,424
LCE6240BB	LCE6240SB	6	8,357	LCE6240SGB	10,411	1,559	1,559	540	325	856	1,221	1,875
LCE6270BB	LCE6270SB	6	9,273	LCE6270SGB	11,327	1,559	1,559	540	325	856	1,221	1,875
LCE441BB	LCE441SB	4	2,091	LCE441SGB	4,145	1,559	1,559	540	325	453	771	1,424
LCE457BB	LCE457SB	4	3,032	LCE457SGB	5,086	1,559	1,559	540	325	453	771	1,424
LCE467BB	LCE467SB	4	3,353	LCE467SGB	5,407	1,559	1,559	540	325	453	771	1,424
LCE482BB	LCE482SB	4	3,761	LCE482SGB	5,815	1,559	1,559	540	325	453	771	1,424
LCE4105BB	LCE4105SB	4	4,444	LCE4105SGB	6,498	1,559	1,559	540	325	453	771	1,424
LCE4139BB	LCE4139SB	4	5,825	LCE4139SGB	7,879	1,559	1,559	540	325	453	771	1,424
LCE4174BB	LCE4174SB	4	7,387	LCE4174SGB	9,441	1,559	1,559	540	325	453	771	1,424
LCE4208BB	LCE4208SB	4	8,308	LCE4208SGB	10,362	1,559	1,559	540	325	856	1,221	1,875
LCE4235BB	LCE4235SB	4	9,440	LCE4235SGB	11,494	1,559	1,559	540	325	856	1,221	1,875

Notes:

- Electric Drain Pan is standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Walk-In Unit Coolers



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Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
						Electrical Options				Mechanical Options		
						Beacon II	QRC	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
Electric Defrost Models with PSC Motors - 208-230/3/60												
LCE635CB	LCE635SB	6	2,296	-	-	-	-	540	325	453	771	1,424
LCE643CB	LCE643SB	6	2,566	-	-	-	-	540	325	453	771	1,424
LCE665CB	LCE665SB	6	3,379	-	-	-	-	540	325	453	771	1,424
LCE676CB	LCE676SB	6	3,463	-	-	-	-	540	325	453	771	1,424
LCE694CB	LCE694SB	6	3,946	-	-	-	-	540	325	453	771	1,424
LCE6120CB	LCE6120SB	6	4,651	-	-	-	-	540	325	453	771	1,424
LCE6140CB	LCE6140SB	6	5,408	-	-	-	-	540	325	453	771	1,424
LCE6160CB	LCE6160SB	6	6,099	-	-	-	-	540	325	453	771	1,424
LCE6180CB	LCE6180SB	6	6,956	-	-	-	-	540	325	453	771	1,424
LCE6200CB	LCE6200SB	6	7,698	-	-	-	-	540	325	453	771	1,424
LCE6240CB	LCE6240SB	6	8,645	-	-	-	-	540	325	856	1,221	1,875
LCE6270CB	LCE6270SB	6	9,691	-	-	-	-	540	325	856	1,221	1,875
LCE441CB	LCE441SB	4	2,217	-	-	-	-	540	325	453	771	1,424
LCE457CB	LCE457SB	4	3,132	-	-	-	-	540	325	453	771	1,424
LCE467CB	LCE467SB	4	3,506	-	-	-	-	540	325	453	771	1,424
LCE482CB	LCE482SB	4	3,874	-	-	-	-	540	325	453	771	1,424
LCE4105CB	LCE4105SB	4	4,738	-	-	-	-	540	325	453	771	1,424
LCE4139CB	LCE4139SB	4	6,122	-	-	-	-	540	325	453	771	1,424
LCE4174CB	LCE4174SB	4	7,680	-	-	-	-	540	325	453	771	1,424
LCE4208CB	LCE4208SB	4	8,610	-	-	-	-	540	325	856	1,221	1,875
LCE4235CB	LCE4235SB	4	9,805	-	-	-	-	540	325	856	1,221	1,875
Electric Defrost Models with PSC Motors - 460/1/60												
LCE635MB	LCE635SB	6	2,478	-	-	-	-	540	325	453	771	1,424
LCE643MB	LCE643SB	6	2,749	-	-	-	-	540	325	453	771	1,424
LCE665MB	LCE665SB	6	3,744	-	-	-	-	540	325	453	771	1,424
LCE676MB	LCE676SB	6	3,935	-	-	-	-	540	325	453	771	1,424
LCE694MB	LCE694SB	6	4,313	-	-	-	-	540	325	453	771	1,424
LCE6120MB	LCE6120SB	6	5,200	-	-	-	-	540	325	453	771	1,424
LCE6140MB	LCE6140SB	6	5,960	-	-	-	-	540	325	453	771	1,424
LCE6160MB	LCE6160SB	6	6,834	-	-	-	-	540	325	453	771	1,424
LCE6180MB	LCE6180SB	6	7,686	-	-	-	-	540	325	453	771	1,424
LCE6200MB	LCE6200SB	6	8,611	-	-	-	-	540	325	453	771	1,424

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.



Walk-In Unit Coolers

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Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
						Electrical Options				Mechanical Options		
						Beacon II	QRC	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
LCE6240MB	LCE6240SB	6	9,745	-	-	-	-	540	325	856	1,221	1,875
LCE6270MB	LCE6270SB	6	10,786	-	-	-	-	540	325	856	1,221	1,875
LCE441MB	LCE441SB	4	2,398	-	-	-	-	540	325	453	771	1,424
LCE457MB	LCE457SB	4	3,498	-	-	-	-	540	325	453	771	1,424
LCE467MB	LCE467SB	4	3,871	-	-	-	-	540	325	453	771	1,424
LCE482MB	LCE482SB	4	4,238	-	-	-	-	540	325	453	771	1,424
LCE4105MB	LCE4105SB	4	5,287	-	-	-	-	540	325	453	771	1,424
LCE4139MB	LCE4139SB	4	6,855	-	-	-	-	540	325	453	771	1,424
LCE4174MB	LCE4174SB	4	8,597	-	-	-	-	540	325	453	771	1,424
LCE4208MB	LCE4208SB	4	9,710	-	-	-	-	540	325	856	1,221	1,875
LCE4235MB	LCE4235SB	4	10,903	-	-	-	-	540	325	856	1,221	1,875

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

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Walk-In Unit Coolers



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Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Insulated	TXV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with EC Motors - 115/1/60								
LCH635AEB	LCH635SB	6	2,465	No Charge	Standard	141	453	1,749
LCH643AEB	LCH643SB	6	2,811	No Charge	Standard	141	453	1,749
LCH665AEB	LCH665SB	6	3,698	No Charge	Standard	193	453	1,749
LCH676AEB	LCH676SB	6	4,091	No Charge	Standard	193	453	1,749
LCH694AEB	LCH694SB	6	4,591	No Charge	Standard	193	453	1,749
LCH6120AEB	LCH6120SB	6	5,378	No Charge	Standard	239	453	1,749
LCH6140AEB	LCH6140SB	6	6,258	No Charge	Standard	239	453	1,749
LCH6160AEB	LCH6160SB	6	6,962	No Charge	Standard	294	453	1,881
LCH6180AEB	LCH6180SB	6	7,809	No Charge	Standard	294	453	1,850
LCH6200AEB	LCH6200SB	6	8,388	No Charge	Standard	323	453	2,087
LCH6240AEB	LCH6240SB	6	9,940	No Charge	Standard	366	856	2,322
LCH6270AEB	LCH6270SB	6	10,726	No Charge	Standard	366	856	2,322
LCH441AEB	LCH441SB	4	2,567	No Charge	Standard	141	453	1,749
LCH457AEB	LCH457SB	4	3,793	No Charge	Standard	141	453	1,749
LCH467AEB	LCH467SB	4	4,206	No Charge	Standard	193	453	1,749
LCH482AEB	LCH482SB	4	4,652	No Charge	Standard	193	453	1,749
LCH4105AEB	LCH4105SB	4	5,467	No Charge	Standard	239	453	1,749
LCH4139AEB	LCH4139SB	4	7,042	No Charge	Standard	294	453	1,850
LCH4174AEB	LCH4174SB	4	8,812	No Charge	Standard	323	453	2,087
LCH4208AEB	LCH4208SB	4	10,242	No Charge	Standard	366	856	2,322
LCH4235AEB	LCH4235SB	4	11,238	No Charge	Standard	366	856	2,322
Hot Gas Defrost Models with EC Motors - 208-230/1/60								
LCH635BEB	LCH635SB	6	2,522	No Charge	Standard	141	453	1,749
LCH643BEB	LCH643SB	6	2,878	No Charge	Standard	141	453	1,749
LCH665BEB	LCH665SB	6	3,937	No Charge	Standard	193	453	1,749
LCH676BEB	LCH676SB	6	4,336	No Charge	Standard	193	453	1,749
LCH694BEB	LCH694SB	6	4,890	No Charge	Standard	193	453	1,749
LCH6120BEB	LCH6120SB	6	5,721	No Charge	Standard	239	453	1,749
LCH6140BEB	LCH6140SB	6	6,485	No Charge	Standard	239	453	1,749
LCH6160BEB	LCH6160SB	6	7,405	No Charge	Standard	294	453	1,881
LCH6180BEB	LCH6180SB	6	8,391	No Charge	Standard	294	453	1,850
LCH6200BEB	LCH6200SB	6	8,914	No Charge	Standard	323	453	2,087

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Low Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Insulated	TXV	Bronz-Glow or ElectroFin
LCH6240BEB	LCH6240SB	6	10,682	No Charge	Standard	366	856	2,322
LCH6270BEB	LCH6270SB	6	11,586	No Charge	Standard	366	856	2,322
LCH441BEB	LCH441SB	4	2,631	No Charge	Standard	141	453	1,749
LCH457BEB	LCH457SB	4	3,883	No Charge	Standard	141	453	1,749
LCH467BEB	LCH467SB	4	4,333	No Charge	Standard	193	453	1,749
LCH482BEB	LCH482SB	4	4,794	No Charge	Standard	193	453	1,749
LCH4105BEB	LCH4105SB	4	5,743	No Charge	Standard	239	453	1,749
LCH4139BEB	LCH4139SB	4	7,485	No Charge	Standard	294	453	1,850
LCH4174BEB	LCH4174SB	4	9,367	No Charge	Standard	323	453	2,087
LCH4208BEB	LCH4208SB	4	10,875	No Charge	Standard	366	856	2,322
LCH4235BEB	LCH4235SB	4	11,995	No Charge	Standard	366	856	2,322

Hot Gas Defrost Models with PSC Motors - 115/1/60

LCH635AB	LCH635SB	6	2,096	No Charge	Standard	141	453	1,749
LCH643AB	LCH643SB	6	2,442	No Charge	Standard	141	453	1,749
LCH665AB	LCH665SB	6	2,960	No Charge	Standard	193	453	1,749
LCH676AB	LCH676SB	6	3,353	No Charge	Standard	193	453	1,749
LCH694AB	LCH694SB	6	3,853	No Charge	Standard	193	453	1,749
LCH6120AB	LCH6120SB	6	4,271	No Charge	Standard	239	453	1,749
LCH6140AB	LCH6140SB	6	5,151	No Charge	Standard	239	453	1,749
LCH6160AB	LCH6160SB	6	5,486	No Charge	Standard	294	453	1,881
LCH6180AB	LCH6180SB	6	6,333	No Charge	Standard	294	453	1,850
LCH6200AB	LCH6200SB	6	6,543	No Charge	Standard	323	453	2,087
LCH6240AB	LCH6240SB	6	7,726	No Charge	Standard	366	856	2,322
LCH6270AB	LCH6270SB	6	8,512	No Charge	Standard	366	856	2,322
LCH441AB	LCH441SB	4	2,198	No Charge	Standard	141	453	1,749
LCH457AB	LCH457SB	4	3,055	No Charge	Standard	141	453	1,749
LCH467AB	LCH467SB	4	3,468	No Charge	Standard	193	453	1,749
LCH482AB	LCH482SB	4	3,914	No Charge	Standard	193	453	1,749
LCH4105AB	LCH4105SB	4	4,360	No Charge	Standard	239	453	1,749
LCH4139AB	LCH4139SB	4	5,566	No Charge	Standard	294	453	1,850
LCH4174AB	LCH4174SB	4	6,967	No Charge	Standard	323	453	2,087
LCH4208AB	LCH4208SB	4	8,028	No Charge	Standard	366	856	2,322
LCH4235AB	LCH4235SB	4	9,024	No Charge	Standard	366	856	2,322

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



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Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Insulated	TXV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with PSC Motors - 208-230/1/60								
LCH635BB	LCH635SB	6	2,152	No Charge	Standard	141	453	1,749
LCH643BB	LCH643SB	6	2,509	No Charge	Standard	141	453	1,749
LCH665BB	LCH665SB	6	3,197	No Charge	Standard	193	453	1,749
LCH676BB	LCH676SB	6	3,592	No Charge	Standard	193	453	1,749
LCH694 BB	LCH694SB	6	4,149	No Charge	Standard	193	453	1,749
LCH6120BB	LCH6120SB	6	4,613	No Charge	Standard	239	453	1,749
LCH6140BB	LCH6140SB	6	5,376	No Charge	Standard	239	453	1,749
LCH6160BB	LCH6160SB	6	5,926	No Charge	Standard	294	453	1,881
LCH6180BB	LCH6180SB	6	6,912	No Charge	Standard	294	453	1,850
LCH6200BB	LCH6200SB	6	7,066	No Charge	Standard	323	453	2,087
LCH6240BB	LCH6240SB	6	8,463	No Charge	Standard	366	856	2,322
LCH6270BB	LCH6270SB	6	9,364	No Charge	Standard	366	856	2,322
LCH441BB	LCH441SB	4	2,261	No Charge	Standard	141	453	1,749
LCH457BB	LCH457SB	4	3,143	No Charge	Standard	141	453	1,749
LCH467BB	LCH467SB	4	3,589	No Charge	Standard	193	453	1,749
LCH482BB	LCH482SB	4	4,053	No Charge	Standard	193	453	1,749
LCH4105BB	LCH4105SB	4	4,632	No Charge	Standard	239	453	1,749
LCH4139BB	LCH4139SB	4	6,003	No Charge	Standard	294	453	1,850
LCH4174BB	LCH4174SB	4	7,513	No Charge	Standard	323	453	2,087
LCH4208BB	LCH4208SB	4	8,654	No Charge	Standard	366	856	2,322
LCH4235BB	LCH4235SB	4	9,775	No Charge	Standard	366	856	2,322
Hot Gas Defrost Models with PSC Motors - 460/1/60								
-	LCH635SB	6	2,338	No Charge	Standard	141	453	1,749
-	LCH643SB	6	2,694	No Charge	Standard	141	453	1,749
-	LCH665SB	6	3,570	No Charge	Standard	193	453	1,749
-	LCH676SB	6	3,967	No Charge	Standard	193	453	1,749
-	LCH694SB	6	4,520	No Charge	Standard	193	453	1,749
-	LCH6120SB	6	5,169	No Charge	Standard	239	453	1,749
-	LCH6140SB	6	5,933	No Charge	Standard	239	453	1,749
-	LCH6160SB	6	6,676	No Charge	Standard	294	453	1,881
-	LCH6180SB	6	7,657	No Charge	Standard	294	453	1,850
-	LCH6200SB	6	7,997	No Charge	Standard	323	453	2,087

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

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Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Insulated	TXV	Bronz-Glow or ElectroFin
-	LCH6240SB	6	9,586	No Charge	Standard	366	856	2,322
-	LCH6270SB	6	10,480	No Charge	Standard	366	856	2,322
-	LCH441SB	4	2,405	No Charge	Standard	141	453	1,749
-	LCH457SB	4	3,519	No Charge	Standard	141	453	1,749
-	LCH467SB	4	3,965	No Charge	Standard	193	453	1,749
-	LCH482SB	4	4,428	No Charge	Standard	193	453	1,749
-	LCH4105SB	4	5,196	No Charge	Standard	239	453	1,749
-	LCH4139SB	4	6,749	No Charge	Standard	294	453	1,850
-	LCH4174SB	4	8,448	No Charge	Standard	323	453	2,087
-	LCH4208SB	4	9,775	No Charge	Standard	366	856	2,322
-	LCH4235SB	4	10,610	No Charge	Standard	366	856	2,322

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Low Profile

Hot Gas Reverse Cycle Kits

Need a Hot Gas Reverse Cycle Kit?

Use the instructions below to help select the appropriate kit. Still need help? Please contact your local Sales Representative or Account Engineer for assistance.

Selection Instructions:

1. Decide if kits are to be shipped-loose or factory-installed.
2. Select the correct TXV bypass kit based on unit model number and TXV style. Selections for units with the electric drain pan option are finished. For units with the standard hot gas drain pan, please proceed with instructions 3 and 4.
3. Select the appropriate drain pan and suction-line check valve kits based on unit model number. Drain pan and suction-line check valves and piping can be supplied by others but are necessary to complete the piping.
4. If room temperature is 0°F or below, please select an insulated drain pan as a factory-installed option. Selection for hot gas pan unit is finished.

When placing an order, please specify:

- Unit model number
- Drain pan type (hot gas or electric). If ordering hot gas pan, indicate whether unit is to have insulated pan.
- Reverse cycle kit option codes or part numbers. If ordering factory-mounted kits, please specify TXV style, refrigerant, saturated suction temperature (SST) and liquid temperature.

TXV Bypass Assembly Kits

Larkin Hot Gas Models		Factory-Installed			List Price Adder (\$US)	Shipped-Loose			List Price (\$US)
		Type EG	Type HFESC	Type SQE/SBF		Type EG	Type HFESC	Type SQE/SBF	
6 FPI	4 FPI	Option Code	Option Code	Option Code		Part Number	Part Number	Part Number	
635-676	441-482	RCBP.EG-1	RCBP.HF-1	RCBP.SQ-1	1,272	50169213	50169216	50169210	176
694-6160	4105-4208	RCBP.EG-2	RCBP.HF-2	RCBP.SQ-2	1,272	50169214	50169217	50169211	176
6180-6270	4235	RCBP.EG-3	RCBP.HF-3	RCBP.SQ-3	1,272	50169215	50169218	50169212	176

Notes:

- Factory-Installed Kits include the TXV price. Customer must specify valve model, refrigerant and SST on order.
- Shipped-Loose Kits do NOT include the TXV price.

Check Valve Kits

Only available for models with the standard hot gas loop drain pan.

Larkin Hot Gas Models		Drain Pan Loop Check Valve Kit				Suction Line Check Valve Kit			
		Factory-Installed		Shipped-Loose		Factory-Installed		Shipped-Loose	
6 FPI	4 FPI	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
635-665	441	DPLC.CV-1	865	50169304	165	SLCV.CV-1	954	50169604	262
676-6140	457-4105	DPLC.CV-2	865	50169305	165	SLCV.CV-2	954	50169605	262
6160-6270	4139-4235	DPLC.CV-3	865	50169306	165	SLCV.CV-3	954	50169606	262

Notes:

- It is recommended that the customer order both check valve kits.
- Shipped-Loose Kits do NOT include the valve prices.
- The drain pan check valve kit can be ordered as an independent item, but the suction-line check valve kit must be ordered with the drain pan check valve kit in order to complete the piping



Walk-In Unit Coolers

Low Profile

Hot Gas 3-Pipe Kits

Need a Hot Gas 3-Pipe Kit?

Use the instructions below to help select the appropriate kit. Still need help? Please contact your local Sales Representative or Account Engineer for assistance.

Selection Instructions:

1. Decide if kits are to be shipped-loose or factory-installed.
2. Select the appropriate 3-pipe kits based on unit model number. Drain pan loop check valve and piping can be supplied by others but are necessary to complete the piping.
3. If room temperature is 0°F or below, please select an insulated drain pan as a factory-installed option. Selection for hot gas pan unit is finished.

When placing an order, please specify:

- Unit model number
- Drain pan type (hot gas or electric). If ordering hot gas pan, indicate whether unit is to have insulated pan.
- 3-Pipe kit option codes or part numbers. If ordering factory-mounted kits, please specify TXV style, refrigerant, saturated suction temperature (SST) and liquid temperature.

TXV Bypass Assembly Kits

Larkin Hot Gas Models		Factory-Installed			List Price Adder (\$US)	Shipped-Loose			List Price (\$US)
		Type EG	Type HFESC	Type SQE/SBF		Type EG	Type HFESC	Type SQE/SBF	
6 FPI	4 FPI	Option Code	Option Code	Option Code		Part Number	Part Number	Part Number	
635-676	441-482	PIPEG-1	PIP.HF-1	PIP.SQ-1	1,218	50169413	50169416	50169410	128
694-6160	4105-4208	PIPEG-2	PIP.HF-2	PIP.SQ-2	1,218	50169414	50169417	50169411	128
6180-6270	4235	PIPEG-3	PIP.HF-3	PIP.SQ-3	1,218	50169415	50169418	50169412	128

Notes:

- Factory-Installed Kits include the TXV price. Customer must specify valve model, refrigerant and SST on order.
- Shipped-Loose Kits do NOT include the TXV price.

Check Valve Kits

Only available for models with the standard hot gas loop drain pan.

Larkin Hot Gas Models		Drain Pan Loop Check Valve Kit			
		Factory-Installed		Shipped - Loose	
6 FPI	4 FPI	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
635-665	441	PIPCV.CV-1	865	50169504	159
676-6140	457-4105	PIPCV.CV-2	865	50169505	159
6160-6270	4139-4235	PIPCV.CV-3	865	50169506	159

Notes:

- Shipped-Loose Kits do NOT include the valve prices.

Walk-In Unit Coolers



Low Profile

Shipped-Loose Accessories

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-
21340101	Defrost Timer (60 Hz)	362	-
5505-R	30-Amp Contactor	387	Use as fan or heater contactor
Check Valves			
4146T	5/8" Suction Line Check Valve	104	-
5890C	7/8" Suction Line Check Valve	217	-
5889C	1 1/8" Suction Line Check Valve	423	-
2933022	1 3/8" Suction Line Check Valve	874	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	573	-
Heat Exchangers			
24200004	Heat Exchanger used on 035 - 047 (6FPI) and 041 - 068 (4FPI) Electric & Hot Gas Defrost Models	257	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 065 - 094 (6FPI) and 080 - 105 (4FPI) Electric & Hot Gas Defrost Models	282	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 120 - 140 (6FPI) and 136 - 139 (4FPI) Electric & Hot Gas Defrost Models	303	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 160 - 180 (6FPI) and 170 - 174 (4FPI) Electric & Hot Gas Defrost Models	329	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 200 - 280 (6FPI) and 204 - 235 (4FPI) Electric & Hot Gas Defrost Models	552	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

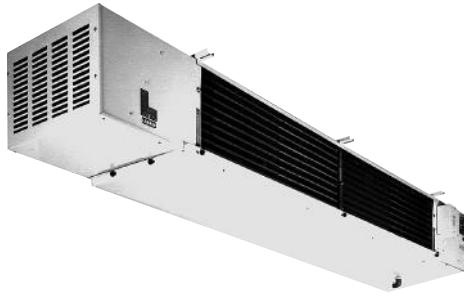
Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R 404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	371	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH

Low Flow

Overview



Product Description

Low Flow unit coolers, available in air, electric, and hot gas defrost, are ideal for meat storage and preparation rooms, floral coolers, dough retarding and many other applications requiring low air velocities and low sound levels. With low velocity unit coolers, high humidities can be maintained to prevent product drying and weight loss. These units are ideal for any type of workroom where human comfort is important. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- All factory installed electrical components are wired to a terminal board in the junction box making field wiring quick and easy
- Access port on the suction connection allows superheat to be easily and accurately set
- Motors are factory-wired to unit junction box for fast installation

Reliable & Durable

- Rust-free, all-aluminum white case with louvered intake grille for attractive appearance
- Sweat-type cooling coil connections reduce the potential for leaks
- Nickel-steel alloy heaters provide a positive defrost and have long life
- Hot gas models use inner drain pans with low-wattage electric heaters. This eliminates the braze joints and tubing associated with hot gas drain pan loops

Performance

- Statically and dynamically balanced fans are designed for quiet air movement
- Electric defrost coils have a hermetically sealed defrost termination thermostat that does not require adjustment. Hot gas defrost units are available with an optional adjustable defrost termination thermostat (shipped-loose accessory).
- Cross-fin cooling coils with corrugated aluminum fins spaced 6 FPI & 3/8" OD staggered copper tubes provide optimum heat transfer and reduce the amount of refrigerant required
- Generous coil surface helps to maintain steady room temperature and minimize product shrinkage
- All models use inner drain pans to reduce sweating
- Thermal overload protected motors are resiliently mounted inside the unit to assure minimum noise level

Versatile

- Inlet connection allows for external mounting of TXV

Nomenclature

LFA	070	A	E
Model Series	Capacity	Electrical Code	Vintage
LFA= Low flow, air defrost LFAE = Low flow, electric defrost LFAH = Low flow, hot gas defrost	# x 100 = BTUH	A= 115/1/60 B = 208-230/1/60 AH = 115/1/60 (PSC) BH = 208-230/1/60 (PSC) MH = 460/1/60 (PSC) AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	

Section 1

Walk-In Unit Coolers



Low Flow

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)	
			Coil Options	
			ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60				
-	LFA070SE	5,997	2,303	2,667
-	LFA087SE	6,279	2,303	2,766
-	LFA120SE	7,397	2,303	3,368
-	LFA135SE	7,849	2,303	3,368
-	LFA150SE	8,295	2,303	3,690
-	LFA170SE	9,150	2,303	3,565
-	LFA190SE	10,009	2,787	4,108
-	LFA230SE	10,828	2,787	4,624
-	LFA270SE	11,654	2,787	5,200
Air Defrost Models with EC Motors - 208-230/1/60				
-	LFA070SE	6,189	2,303	2,667
-	LFA087SE	6,465	2,303	2,766
-	LFA120SE	7,583	2,303	3,368
-	LFA135SE	8,039	2,303	3,368
-	LFA150SE	8,492	2,303	3,690
-	LFA170SE	9,340	2,303	3,565
-	LFA190SE	10,192	2,787	4,108
-	LFA230SE	11,017	2,787	4,624
-	LFA270SE	11,840	2,787	5,200
Air Defrost Models with PSC Motors - 115/1/60				
LFA070AE	LFA070SE	5,129	2,303	2,667
LFA087AE	LFA087SE	5,411	2,303	2,766
LFA120AE	LFA120SE	6,529	2,303	3,368
LFA135AE	LFA135SE	6,981	2,303	3,368
LFA150AE	LFA150SE	7,427	2,303	3,690
LFA170AE	LFA170SE	8,282	2,303	3,565
LFA190AE	LFA190SE	8,755	2,787	4,108
LFA230AE	LFA230SE	9,574	2,787	4,624
LFA270AE	LFA270SE	10,400	2,787	5,200

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Low Flow

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)	
			Coil Options	
			ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 208-230/1/60				
LFA070BE	LFA070SE	5,321	2,303	2,667
LFA087BE	LFA087SE	5,597	2,303	2,766
LFA120BE	LFA120SE	6,715	2,303	3,368
LFA135BE	LFA135SE	7,171	2,303	3,368
LFA150BE	LFA150SE	7,624	2,303	3,690
LFA170BE	LFA170SE	8,472	2,303	3,565
LFA190BE	LFA190SE	8,938	2,787	4,108
LFA230BE	LFA230SE	9,761	2,787	4,624
LFA270BE	LFA270SE	10,586	2,787	5,200

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Walk-In Unit Coolers



Low Flow

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)	
			Electrical Options	Coil Options
			Fixed Defrost Term. Thermostat	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60				
LFAE070AE	LFAE070SE	6,543	Standard	2,667
LFAE087AE	LFAE087SE	7,261	Standard	2,667
LFAE120AE	LFAE120SE	8,946	Standard	3,368
LFAE135AE	LFAE135SE	9,186	Standard	3,368
LFAE150AE	LFAE150SE	9,393	Standard	3,690
LFAE170AE	LFAE170SE	10,846	Standard	3,565
LFAE190AE	LFAE190SE	11,346	Standard	4,108
LFAE230AE	LFAE230SE	12,601	Standard	4,624
LFAE270AE	LFAE270SE	13,256	Standard	5,200
Electric Defrost Models with PSC Motors - 208-230/1/60				
LFAE070BE	LFAE070SE	5,675	Standard	2,667
LFAE087BE	LFAE087SE	6,393	Standard	2,667
LFAE120BE	LFAE120SE	8,078	Standard	3,368
LFAE135BE	LFAE135SE	8,318	Standard	3,368
LFAE150BE	LFAE150SE	8,525	Standard	3,690
LFAE170BE	LFAE170SE	9,978	Standard	3,565
LFAE190BE	LFAE190SE	10,090	Standard	4,108
LFAE230BE	LFAE230SE	11,348	Standard	4,624
LFAE270BE	LFAE270SE	12,001	Standard	5,200

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on electric defrost models.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.



Walk-In Unit Coolers

Low Flow

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options
			List Price Adders (\$US)
			Coil Options
Hot Gas Defrost Models with EC Motors - 115/1/60			
-	LFAH070SE	6,433	2,667
-	LFAH087SE	7,149	2,667
-	LFAH120SE	8,832	3,368
-	LFAH135SE	9,070	3,368
-	LFAH150SE	9,284	3,690
-	LFAH170SE	10,727	3,565
-	LFAH190SE	11,231	4,108
-	LFAH230SE	12,486	4,624
-	LFAH270SE	13,141	5,200
Hot Gas Defrost Models with EC Motors - 208-230/1/60			
-	LFAH070SE	6,622	2,667
-	LFAH087SE	7,336	2,667
-	LFAH120SE	9,020	3,368
-	LFAH135SE	9,257	3,368
-	LFAH150SE	9,471	3,690
-	LFAH170SE	10,924	3,565
-	LFAH190SE	11,419	4,108
-	LFAH230SE	12,678	4,624
-	LFAH270SE	13,334	5,200
Hot Gas Defrost Models with PSC Motors - 115/1/60			
LFAH070AE	LFAH070SE	5,565	2,667
LFAH087AE	LFAH087SE	6,281	2,667
LFAH120AE	LFAH120SE	7,964	3,368
LFAH135AE	LFAH135SE	8,202	3,368
LFAH150AE	LFAH150SE	8,416	3,690
LFAH170AE	LFAH170SE	9,859	3,565
LFAH190AE	LFAH190SE	9,975	4,108
LFAH230AE	LFAH230SE	11,233	4,624
LFAH270AE	LFAH270SE	11,886	5,200

Need a Reverse Cycle Kit?

Look on page 40 for the available kits in the Shipped-Loose Accessories.

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on hot gas defrost models. Hot gas loop not available.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Section 1

Low Flow

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options
			List Price Adders (\$US)
			Coil Options
			Bronz-Glow
Hot Gas Defrost Models with PSC Motors - 208-230/1/60			
LFAH070BE	LFAH070SE	5,754	2,667
LFAH087BE	LFAH087SE	6,468	2,667
LFAH120BE	LFAH120SE	8,152	3,368
LFAH135BE	LFAH135SE	8,389	3,690
LFAH150BE	LFAH150SE	8,603	3,565
LFAH170BE	LFAH170SE	10,056	3,565
LFAH190BE	LFAH190SE	10,165	4,108
LFAH230BE	LFAH230SE	11,423	Call Factory
LFAH270BE	LFAH270SE	12,078	5,200

Need a Reverse Cycle Kit?

Look on page 40 for the available kits in the Shipped-Loose Accessories.

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on hot gas defrost models. Hot gas loop not available.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.



Walk-In Unit Coolers

Low Flow

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-
Check Valves			
5890C	7/8" Suction Line Check Valve	217	-
Drain Line Heaters			
5508Q	6 ft. Drain Line Heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line Heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line Heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line Heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line Heater (208-230V, 420 Watts)	573	-
Air Filters			
89900801	Air Filters	405	Use on Models LFA/LFAE/LFAH 070-135
89900802	Air Filters	338	Use on Models LFA/LFAE/LFAH 150-230
89900803	Air Filters	338	Use on Models LFA/LFAE/LFAH 270
Heat Exchangers			
24200005	Heat Exchanger used on 070 - 120 Electric & Hot Gas Defrost Models	282	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 135 - 170 Electric & Hot Gas Defrost Models	303	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 190 - 230 Electric & Hot Gas Defrost Models	329	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 270 Electric & Hot Gas Defrost Models	552	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH

Hot Gas Reverse Cycle Kits (Hot Gas Models Only)

- Electric pan is standard on all hot gas models. Hot gas loop not available.
- Kits includes one check valve and piping for liquid bypass around expansion valve and instructions for field installation.

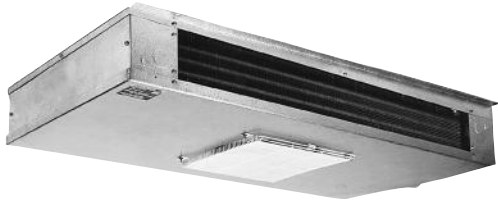
Larkin Models Used On	TXV Bypass Kits	
	Part Number	List Price (\$US)
LFAH070 - LFAH230	89900901	332
LFAH270	89901001	561

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)
			Medium Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH
29318012	371	1/2	36,000 BTUH to 51,000 BTUH
5766Y	371	1/2	51,000 BTUH to 72,000 BTUH

Low Velocity Center Mount

Overview



Product Description

The low velocity center mount units, available in air, electric, and hot gas defrost, are ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The generous coil surface combined with close T.D. system balance provides high humidity characteristics to minimize product shrinkage and drying. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Liquid line solenoid wire harness is factory-installed for quick installation
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Cabinet design features access panels on each end for easy access to electrical and refrigeration components
- Fan panel is lightweight and can easily be lowered for easy servicing and installation
- Expansion valve mounts inside the cabinet

Reliable & Durable

- Heavy gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Sweat connections to reduce potential for leaks
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating
- Motor rail is design for maximum strength and durability

Performance

- Internally enhanced tubing and fin design for higher efficiency
- Electric defrost models incorporate high quality tubular heaters and a standard fixed defrost termination thermostat
- Hot gas defrost models come with a shipped-loose adjustable fan delay and defrost termination thermostat
- Motors are life lubricated and thermal overload protected

Versatile

- Low height makes it ideal for low ceiling coolers - larger models are only 15 inches tall, allowing for maximum headroom and more product storage
- Unit designed to be mounted flush against the ceiling or suspended on rods

Nomenclature

LWA	100	A	G	C
Model Series	Capacity	Electrical Code	Control Option	Vintage
LWA = Low Velocity Center Mount, air defrost LWE = Low Velocity Center Mount, electric defrost LWG = Low Velocity Center Mount, hot gas defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	G = IntelliGen™ *only available on Air and Electric Defrost Models	

IntelliGen™ only available for 115/1 and 208-230/1 voltages.



Walk-In Unit Coolers

Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options			Coil Options		
					Beacon II	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	ProKote™ Fin Protection	Bronz-Glow or ElectroFin	Coated Coil (Black)
Air Defrost Models with EC Motors - 115/1/60												
LWA050AEC	LWA050SC	3,915	LWA050SGC	5,969	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA075AEC	LWA075SC	4,535	LWA075SGC	6,589	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA100AEC	LWA100SC	5,560	LWA100SGC	7,614	1,559	325	583	900	1,561	1,643	2,230	1,838
LWA130AEC	LWA130SC	6,481	LWA130SGC	8,535	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA155AEC	LWA155SC	7,241	LWA155SGC	9,295	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA180AEC	LWA180SC	8,871	LWA180SGC	10,925	1,559	325	583	900	1,561	2,239	3,632	1,838
LWA210AEC	LWA210SC	10,052	LWA210SGC	12,106	1,559	325	583	900	-	2,608	4,317	2,870
LWA270AEC	LWA270SC	11,008	LWA270SGC	13,062	1,559	325	583	900	-	2,608	4,317	2,870
LWA340AEC	LWA340SC	14,120	LWA340SGC	16,174	1,559	325	955	1,383	-	3,540	5,001	3,679
Air Defrost Models with EC Motors - 208-230/1/60												
LWA050BEC	LWA050SC	4,124	LWA050SGC	6,178	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA075BEC	LWA075SC	4,781	LWA075SGC	6,835	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA100BEC	LWA100SC	5,844	LWA100SGC	7,898	1,559	325	583	900	1,561	1,643	2,230	1,838
LWA130BEC	LWA130SC	6,825	LWA130SGC	8,879	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA155BEC	LWA155SC	7,628	LWA155SGC	9,682	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA180BEC	LWA180SC	9,332	LWA180SGC	11,386	1,559	325	583	900	1,561	2,239	3,632	1,838
LWA210BEC	LWA210SC	10,564	LWA210SGC	12,618	1,559	325	583	900	-	2,608	4,317	2,870
LWA270BEC	LWA270SC	11,573	LWA270SGC	13,627	1,559	325	583	900	-	2,608	4,317	2,870
LWA340BEC	LWA340SC	14,847	LWA340SGC	16,901	1,559	325	955	1,383	-	3,540	5,001	3,679
Air Defrost Models with PSC Motors - 115/1/60												
LWA050AC	LWA050SC	3,522	LWA050SGC	5,576	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA075AC	LWA075SC	4,142	LWA075SGC	6,196	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA100AC	LWA100SC	4,773	LWA100SGC	6,827	1,559	325	583	900	1,561	1,643	2,230	1,838
LWA130AC	LWA130SC	5,694	LWA130SGC	7,748	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA155AC	LWA155SC	6,454	LWA155SGC	8,508	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA180AC	LWA180SC	7,691	LWA180SGC	9,745	1,559	325	583	900	1,561	2,239	3,632	1,838
LWA210AC	LWA210SC	8,480	LWA210SGC	10,534	1,559	325	583	900	-	2,608	4,317	2,870
LWA270AC	LWA270SC	9,436	LWA270SGC	11,490	1,559	325	583	900	-	2,608	4,317	2,870
LWA340AC	LWA340SC	12,153	LWA340SGC	14,207	1,559	325	955	1,383	-	3,540	5,001	3,679

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Walk-In Unit Coolers



Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options			Coil Options		
					Beacon II	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	ProKote™ Fin Protection	Bronz-Glow or ElectroFin	Coated Coil (Black)
Air Defrost Models with PSC Motors - 208-230/1/60												
LWA050BC	LWA050SC	3,731	LWA050SGC	5,785	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA075BC	LWA075SC	4,388	LWA075SGC	6,442	1,559	325	583	900	1,561	1,114	2,230	1,274
LWA100BC	LWA100SC	5,057	LWA100SGC	7,111	1,559	325	583	900	1,561	1,643	2,230	1,838
LWA130BC	LWA130SC	6,038	LWA130SGC	8,092	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA155BC	LWA155SC	6,841	LWA155SGC	8,895	1,559	325	583	900	1,561	1,643	3,632	1,838
LWA180BC	LWA180SC	8,152	LWA180SGC	10,206	1,559	325	583	900	1,561	2,239	3,632	1,838
LWA210BC	LWA210SC	8,992	LWA210SGC	11,046	1,559	325	583	900	-	2,608	4,317	2,870
LWA270BC	LWA270SC	10,001	LWA270SGC	12,055	1,559	325	583	900	-	2,608	4,317	2,870
LWA340BC	LWA340SC	12,880	LWA340SGC	14,934	1,559	325	955	1,383	-	3,540	5,001	3,679

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Low Velocity Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
					Electrical Options			Mechanical Options			Coil Options
					Beacon II	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60											
LWE050BEC	LWE050SC	4,579	LWE050SGC	6,633	1,559	540	325	583	900	1,561	2,230
LWE075BEC	LWE075SC	5,314	LWE075SGC	7,368	1,559	540	325	583	900	1,561	2,230
LWE100BEC	LWE100SC	6,468	LWE100SGC	8,522	1,559	540	325	583	900	1,561	2,230
LWE130BEC	LWE130SC	7,561	LWE130SGC	9,615	1,559	540	325	583	900	1,561	3,632
LWE155BEC	LWE155SC	8,468	LWE155SGC	10,522	1,559	540	325	583	900	1,561	3,632
LWE180BEC	LWE180SC	10,328	LWE180SGC	12,382	1,559	540	325	583	900	1,561	3,632
LWE210BEC	LWE210SC	11,663	LWE210SGC	13,717	1,559	540	325	583	900	-	4,317
LWE270BEC	LWE270SC	12,798	LWE270SGC	14,852	1,559	540	325	583	900	-	4,317
LWE340BEC	LWE340SC	16,429	LWE340SGC	18,483	1,559	540	325	955	1,383	-	5,001
Electric Defrost Models with PSC Motors - 208-230/1/60											
LWE050BC	LWE050SC	4,186	LWE050SGC	6,240	1,559	540	325	583	900	1,561	2,230
LWE075BC	LWE075SC	4,921	LWE075SGC	6,975	1,559	540	325	583	900	1,561	2,230
LWE100BC	LWE100SC	5,681	LWE100SGC	7,735	1,559	540	325	583	900	1,561	2,230
LWE130BC	LWE130SC	6,774	LWE130SGC	8,828	1,559	540	325	583	900	1,561	3,632
LWE155BC	LWE155SC	7,681	LWE155SGC	9,735	1,559	540	325	583	900	1,561	3,632
LWE180BC	LWE180SC	9,148	LWE180SGC	11,202	1,559	540	325	583	900	1,561	3,632
LWE210BC	LWE210SC	10,091	LWE210SGC	12,145	1,559	540	325	583	900	-	4,317
LWE270BC	LWE270SC	11,226	LWE270SGC	13,280	1,559	540	325	583	900	-	4,317
LWE340BC	LWE340SC	14,462	LWE340SGC	16,516	1,559	540	325	955	1,383	-	5,001

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Walk-In Unit Coolers



Low Velocity Center Mount

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Need a Reverse Cycle Kit?

Look on page 46 for the available kits in the Shipped-Loose Accessories.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)		
			Mechanical Options		Coil Options
			TXV	TXV & LLSV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with EC Motors - 115/1/60					
-	LWG100SC	5,868	583	900	2,230
-	LWG130SC	7,392	583	900	3,632
-	LWG155SC	8,274	583	900	3,632
-	LWG180SC	10,099	583	900	3,632
-	LWG210SC	11,413	583	900	4,317
-	LWG270SC	12,517	583	900	4,317
-	LWG340SC	16,066	955	1,383	5,001
Hot Gas Defrost Models with EC Motors - 208-230/1/60					
-	LWG100SC	6,173	583	900	2,230
-	LWG130SC	7,788	583	900	3,632
-	LWG155SC	8,724	583	900	3,632
-	LWG180SC	10,637	583	900	3,632
-	LWG210SC	11,998	583	900	4,317
-	LWG270SC	13,173	583	900	4,317
-	LWG340SC	16,908	955	1,383	5,001
Hot Gas Defrost Models with PSC Motors - 115/1/60					
LWG100AC	LWG100SC	5,081	583	900	2,230
LWG130AC	LWG130SC	6,605	583	900	3,632
LWG155AC	LWG155SC	7,487	583	900	3,632
LWG180AC	LWG180SC	8,919	583	900	3,632
LWG210AC	LWG210SC	9,841	583	900	4,317
LWG270AC	LWG270SC	10,945	583	900	4,317
LWG340AC	LWG340SC	14,099	955	1,383	5,001
Hot Gas Defrost Models with PSC Motors - 208-230/1/60					
LWG100BC	LWG100SC	5,386	583	900	2,230
LWG130BC	LWG130SC	7,001	583	900	3,632
LWG155BC	LWG155SC	7,937	583	900	3,632
LWG180BC	LWG180SC	9,457	583	900	3,632
LWG210BC	LWG210SC	10,426	583	900	4,317
LWG270BC	LWG270SC	11,601	583	900	4,317
LWG340BC	LWG340SC	14,941	955	1,383	5,001

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard. Hot gas loop not available.
- Adjustable Defrost Term. / Fan Delay is standard.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Low Velocity Center Mount

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-
21340101	Electric Defrost Timer (60 Hz)	362	-
5505R	30-Amp Contactor	387	Use as fan or heater contactor
Check Valves			
5890C	7/8" Suction Line Check Valve	217	-
5889C	1 1/8" Suction Line Check Valve	423	-
2933022	1 3/8" Suction Line Check Valve	874	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	573	-
Heat Exchangers			
24200004	Heat Exchanger used on 050 Electric Defrost Models	257	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 075 - 100 Electric & Hot Gas Defrost Models	282	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 130 - 155 Electric & Hot Gas Defrost Models	303	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 180 - 270 Electric & Hot Gas Defrost Models	329	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 340 Electric & Hot Gas Defrost Models	552	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH
TXV120	738	60,000 BTUH to 120,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)
			Medium Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH
29318012	371	1/2	36,000 BTUH to 51,000 BTUH
5766Y	371	1/2	51,000 BTUH to 72,000 BTUH

Hot Gas Reverse Cycle Kits (Hot Gas Models Only)

- Electric pan is standard on all hot gas models. Hot gas loop not available.
- Kits includes one check valve and piping for liquid bypass around expansion valve and instructions for field installation.

Larkin Models Used On	TXV Bypass Kits		List Price (\$US)
	Type SQE, SBF, or HFESC	Type S	
	Part Number	Part Number	
LWG100	89897801	89898001	444
LWG130 - LWG270	89897802	89898002	444
LWG340	89897803	89898003	444

Section 1

Center Mount

Overview



Product Description

Center mount unit coolers, available in air or electric defrost, are ideal for tight storage situations because they are ceiling mount and have a height of only 8 - 5/8" allowing for maximum headroom in a cooler or freezer. The center mount design allows for product to be stacked all around while air flow distributes evenly throughout the box. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Panels on ends quickly remove for complete access to refrigerant components and electrical terminal block during installation and servicing
- Tapered mounting provides proper slope for condensate drainage to one end of the unit

Reliable & Durable

- Heavy-gauge white aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating

Performance

- Quick disconnect, waterproof plug and receptacle for each motor in all models
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Highest quality tubular heaters provide fast and economical defrost
- Generous coil surface gives proper compressor balance
- Standard adjustable defrost termination fan delay thermostat
- Motors are life lubricated and thermal overload protected
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler

Versatile

- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls

Nomenclature

ACM	052	A	G	E
Model Series	Capacity	Electrical Code	Control Option	Vintage
ACM = Center Mount, Air Defrost ECM = Center Mount, Electric Defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	G = IntelliGen™ <small>*only available on Air and Electric Defrost Models</small>	

IntelliGen™ only available for 115/1 and 208-230/1 voltages.



Walk-In Unit Coolers

Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin intelliGen™ Config Model	Larkin intelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options			Coil Options		
					Beacon II	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60												
ACM052AEE	ACM052SE	2,637	ACM052SGE	4,691	1,559	325	583	900	1,561	734	651	2,230
ACM076AEE	ACM076SE	3,522	ACM076SGE	5,576	1,559	325	583	900	1,561	1,008	893	2,230
ACM090AEE	ACM090SE	3,873	ACM090SGE	5,927	1,559	325	583	900	1,561	1,008	893	2,230
ACM102AEE	ACM102SE	4,205	ACM102SGE	6,259	1,559	325	583	900	1,561	1,008	893	2,356
ACM108AEE	ACM108SE	4,737	ACM108SGE	6,791	1,559	325	583	900	1,561	Call Factory	1,268	2,511
ACM134AEE	ACM134SE	5,292	ACM134SGE	7,346	1,559	325	583	900	1,561	Call Factory	1,268	2,638
ACM156AEE	ACM156SE	5,808	ACM156SGE	7,862	1,559	325	583	900	1,561	Call Factory	1,268	2,789
ACM179AEE	ACM179SE	6,681	ACM179SGE	8,735	1,559	325	583	900	1,561	Call Factory	1,578	3,028
ACM208AEE	ACM208SE	7,307	ACM208SGE	9,361	1,559	325	583	900	1,561	Call Factory	1,578	3,225
ACM249AEE	ACM249SE	8,944	ACM249SGE	10,998	1,559	325	583	900	1,561	Call Factory	2,032	3,660
Air Defrost Models with EC Motors - 208-230/1/60												
ACM052BEE	ACM052SE	2,815	ACM052SGE	4,869	1,559	325	583	900	1,561	734	651	2,230
ACM076BEE	ACM076SE	3,736	ACM076SGE	5,790	1,559	325	583	900	1,561	1,008	893	2,230
ACM090BEE	ACM090SE	4,086	ACM090SGE	6,140	1,559	325	583	900	1,561	1,008	893	2,230
ACM102BEE	ACM102SE	4,422	ACM102SGE	6,476	1,559	325	583	900	1,561	1,008	893	2,356
ACM108BEE	ACM108SE	5,000	ACM108SGE	7,054	1,559	325	583	900	1,561	Call Factory	1,268	2,511
ACM134BEE	ACM134SE	5,545	ACM134SGE	7,599	1,559	325	583	900	1,561	Call Factory	1,268	2,638
ACM156BEE	ACM156SE	6,060	ACM156SGE	8,114	1,559	325	583	900	1,561	Call Factory	1,268	2,789
ACM179BEE	ACM179SE	6,975	ACM179SGE	9,029	1,559	325	583	900	1,561	Call Factory	1,578	3,028
ACM208BEE	ACM208SE	7,609	ACM208SGE	9,663	1,559	325	583	900	1,561	Call Factory	1,578	3,225
ACM249BEE	ACM249SE	9,275	ACM249SGE	11,329	1,559	325	583	900	1,561	Call Factory	2,032	3,660
Air Defrost Models with PSC Motors - 115/1/60												
ACM052AE	ACM052SE	2,244	ACM052SGE	4,298	1,559	325	583	900	1,561	734	651	2,230
ACM076AE	ACM076SE	2,736	ACM076SGE	4,790	1,559	325	583	900	1,561	1,008	893	2,230
ACM090AE	ACM090SE	3,087	ACM090SGE	5,141	1,559	325	583	900	1,561	1,008	893	2,230
ACM102AE	ACM102SE	3,419	ACM102SGE	5,473	1,559	325	583	900	1,561	1,008	893	2,356
ACM108AE	ACM108SE	3,558	ACM108SGE	5,612	1,559	325	583	900	1,561	Call Factory	1,268	2,511
ACM134AE	ACM134SE	4,113	ACM134SGE	6,167	1,559	325	583	900	1,561	Call Factory	1,268	2,638
ACM156AE	ACM156SE	4,629	ACM156SGE	6,683	1,559	325	583	900	1,561	Call Factory	1,268	2,789
ACM179AE	ACM179SE	5,109	ACM179SGE	7,163	1,559	325	583	900	1,561	Call Factory	1,578	3,028
ACM208AE	ACM208SE	5,735	ACM208SGE	7,789	1,559	325	583	900	1,561	Call Factory	1,578	3,225
ACM249AE	ACM249SE	6,979	ACM249SGE	9,033	1,559	325	583	900	1,561	Call Factory	2,032	3,660

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Walk-In Unit Coolers



Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options			Coil Options		
					Beacon II	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 208-230/1/60												
ACM052BE	ACM052SE	2,422	ACM052SGE	4,476	1,559	325	583	900	1,561	734	651	2,230
ACM076BE	ACM076SE	2,950	ACM076SGE	5,004	1,559	325	583	900	1,561	1,008	893	2,230
ACM090BE	ACM090SE	3,300	ACM090SGE	5,354	1,559	325	583	900	1,561	1,008	893	2,230
ACM102BE	ACM102SE	3,636	ACM102SGE	5,690	1,559	325	583	900	1,561	1,008	893	2,356
ACM108BE	ACM108SE	3,821	ACM108SGE	5,875	1,559	325	583	900	1,561	Call Factory	1,268	2,511
ACM134BE	ACM134SE	4,366	ACM134SGE	6,420	1,559	325	583	900	1,561	Call Factory	1,268	2,638
ACM156BE	ACM156SE	4,881	ACM156SGE	6,935	1,559	325	583	900	1,561	Call Factory	1,268	2,789
ACM179BE	ACM179SE	5,403	ACM179SGE	7,457	1,559	325	583	900	1,561	Call Factory	1,578	3,028
ACM208BE	ACM208SE	6,037	ACM208SGE	8,091	1,559	325	583	900	1,561	Call Factory	1,578	3,225
ACM249BE	ACM249SE	7,310	ACM249SGE	9,364	1,559	325	583	900	1,561	Call Factory	2,032	3,660

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory Installed Options List Price Adders (\$US)					
					Electrical Options		Mechanical Options			Coil Options
					Beacon II	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60										
ECM040BEE	ECM040SE	3,462	ECM040SGE	5,516	1,559	325	583	900	1,561	2,230
ECM054BEE	ECM054SE	4,667	ECM054SGE	6,721	1,559	325	583	900	1,561	2,230
ECM065BEE	ECM065SE	4,831	ECM065SGE	6,885	1,559	325	583	900	1,561	2,230
ECM090BEE	ECM090SE	6,076	ECM090SGE	8,130	1,559	325	583	900	1,561	2,356
ECM130BEE	ECM130SE	6,649	ECM130SGE	8,703	1,559	325	583	900	1,561	2,356
ECM174BEE	ECM174SE	8,619	ECM174SGE	10,673	1,559	325	583	900	1,561	3,225
Electric Defrost Models with PSC Motors - 208-230/1/60										
ECM040BE	ECM040SE	3,069	ECM040SGE	5,123	1,559	325	583	900	1,561	2,230
ECM054BE	ECM054SE	3,881	ECM054SGE	5,935	1,559	325	583	900	1,561	2,230
ECM065BE	ECM065SE	4,045	ECM065SGE	6,099	1,559	325	583	900	1,561	2,230
ECM090BE	ECM090SE	4,897	ECM090SGE	6,951	1,559	325	583	900	1,561	2,356
ECM130BE	ECM130SE	5,470	ECM130SGE	7,524	1,559	325	583	900	1,561	2,356
ECM174BE	ECM174SE	7,047	ECM174SGE	9,101	1,559	325	583	900	1,561	3,225

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan and Adjustable Defrost Term. / Fan Delay are standard.
- Beacon II™ must be ordered as a system. B2/QRC/intelliGen™ is not available for 460/1/60 and 260/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Section 1

Walk-In Unit Coolers



Center Mount

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostats	309	-
28963301	Electronic Room Thermostat	502	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	289	-
Check Valves			
5890C	7/8" Suction Line Check Valve	217	-
5889C	1 1/8" Suction Line Check Valve	423	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	573	-
Heat Exchangers			
24200004	Heat Exchanger used on 040 Electric Defrost Models	257	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 054 - 090 Electric Defrost Models	282	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 130-174 Electric Defrost Models	329	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

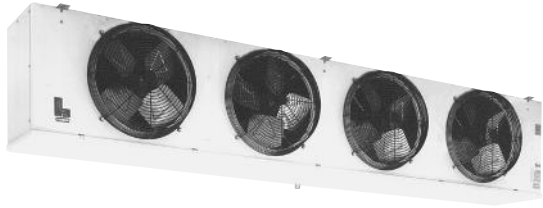
Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH

Medium Profile

Overview



Product Description

Medium profile unit coolers, available in air, electric, and hot gas defrost, are ideal for numerous commercial and industrial applications. With a modular design that is only 25 inches high, these units provide superior quality and a long, dependable life for many different applications. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Schrader valve provided for suction pressure measurement
- Liquid line solenoid wire harness is factory-installed for quick installation
- Coil heater slots have been enlarged for easier installation and replacement
- Heaters are coil face mounted for easy access
- Front hinged drain pan for easy access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- White painted aluminum cabinet
- Sweat connections to reduce potential for leaks
- Patented Thermo-Flex™ coil design allows the coil to “flex” during periods of defrost resulting in expansion of the coil surface comes with a 5-year warranty
- Heavy plastic molded fan guards for extended air throw
- Reliable nickel steel alloy defrost heater elements
- Thermally protected, lifetime-lubricated single phase PSC motors

Performance

- External equalizer connection
- Internal panels are isolated for quiet operation
- Electric defrost models have adjustable defrost termination / fan delay and heater limit thermostats
- PSC motors

Versatile

- Large diameter drain fitting (3/4" ID)
- Beacon II™ compatible
- Wide range of capacities available
- Different motor and voltage options available

Nomenclature

M	MT6	130	A	G	A
Model Series	Model Type	Capacity	Electrical Code	Control Option	Vintage
M = Larkin Medium Profile Unit Coolers	MT6 = Air Deforst, 7 FPI LT6 = Electric Deforst, 6 FPI LT4 = Electric Deforst, 4.5 FPI LG6 = Hot Gas Defrost, 6 FPI LG4 = Hot Gas Defrost, 4.5 FPI	# x 100 = BTUH	A =115/1/60 B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60 M = 460/1/60 E = 573/3/60 L = 573/1/60 N = 110/1/50 Q = 220/1/50 R = 380/1/50 V = 380/3/50 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) CE = 208-230/3/60 (EC) S = Configurable	G = intelliGen™ *only available on Air and Electric Defrost Models	

Section 1

Walk-In Unit Coolers



Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options		Coil Options			
					Beacon II	Room TSTAT	TXV	TXV & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Copper Fin Coils	Bronz-Glow or ElectroFin
Air Defrost Models with VSEC or 2 Speed EC motors - 115/1/60												
-	MMT6130SA	4,961	MMT6130SGA	7,875	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,695	MMT6155SGA	8,609	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	8,616	MMT6245SGA	11,530	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	10,473	MMT6300SGA	13,387	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	13,402	MMT6365SGA	16,316	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	15,495	MMT6450SGA	18,409	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	18,505	MMT6510SGA	21,419	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	19,416	MMT6600SGA	22,330	2,474	325	826	1,326	Call Factory	1,428	-	4,286
Air Defrost Models with VSEC or 2 Speed EC motors - 230/1/60												
-	MMT6130SA	5,033	MMT6130SGA	7,947	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,761	MMT6155SGA	8,675	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	8,753	MMT6245SGA	11,667	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	10,612	MMT6300SGA	13,526	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	13,615	MMT6365SGA	16,529	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	15,709	MMT6450SGA	18,623	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	18,782	MMT6510SGA	21,696	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	19,698	MMT6600SGA	22,612	2,474	325	826	1,326	Call Factory	1,428	-	4,286
-	MMT6710SA	22,790	MMT6710SGA	25,704	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695
Air Defrost Models with EC Motors - 115/1/60												
-	MMT6130SA	4,699	MMT6130SGA	7,613	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,434	MMT6155SGA	8,348	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	8,093	MMT6245SGA	11,007	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	9,950	MMT6300SGA	12,864	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	12,616	MMT6365SGA	15,530	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	14,710	MMT6450SGA	17,624	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	17,458	MMT6510SGA	20,372	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	18,369	MMT6600SGA	21,283	2,474	325	826	1,326	Call Factory	1,428	-	4,286

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options		Coil Options			
					Beacon II	Room TSTAT	TXV	TXV & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Copper Fin Coils	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 208-230/1/60												
-	MMT6130SA	4,772	MMT6130SGA	7,686	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,499	MMT6155SGA	8,413	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	8,229	MMT6245SGA	11,143	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	10,088	MMT6300SGA	13,002	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	12,830	MMT6365SGA	15,744	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	14,924	MMT6450SGA	17,838	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	17,735	MMT6510SGA	20,649	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	18,650	MMT6600SGA	21,564	2,474	325	826	1,326	Call Factory	1,428	-	4,286
-	MMT6710SA	21,481	MMT6710SGA	24,395	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695
Air Defrost Models with PSC Motors - 115/1/60												
MMT6130AA	MMT6130SA	3,987	MMT6130SGA	6,901	2,474	325	615	937	1,360	1,230	-	1,948
MMT6155AA	MMT6155SA	4,722	MMT6155SGA	7,636	2,474	325	615	937	1,360	1,230	-	1,948
MMT6245AA	MMT6245SA	6,669	MMT6245SGA	9,583	2,474	325	615	937	Call Factory	1,297	-	2,629
MMT6300AA	MMT6300SA	8,526	MMT6300SGA	11,440	2,474	325	615	937	Call Factory	1,297	-	2,756
MMT6365AA	MMT6365SA	10,480	MMT6365SGA	13,394	2,474	325	826	1,326	Call Factory	1,367	-	3,336
MMT6450AA	MMT6450SA	12,574	MMT6450SGA	15,488	2,474	325	826	1,326	Call Factory	1,367	-	3,520
MMT6510AA	MMT6510SA	14,610	MMT6510SGA	17,524	2,474	325	826	1,326	Call Factory	1,428	-	4,043
MMT6600AA	MMT6600SA	15,521	MMT6600SGA	18,435	2,474	325	826	1,326	Call Factory	1,428	-	4,286
Air Defrost Models with PSC Motors - 208-230/1/60												
MMT6130BA	MMT6130SA	4,060	MMT6130SGA	6,974	2,474	325	615	937	1,360	1,230	-	1,948
MMT6155BA	MMT6155SA	4,787	MMT6155SGA	7,701	2,474	325	615	937	1,360	1,230	-	1,948
MMT6245BA	MMT6245SA	6,805	MMT6245SGA	9,719	2,474	325	615	937	Call Factory	1,297	-	2,629
MMT6300BA	MMT6300SA	8,664	MMT6300SGA	11,578	2,474	325	615	937	Call Factory	1,297	-	2,756
MMT6365BA	MMT6365SA	10,694	MMT6365SGA	13,608	2,474	325	826	1,326	Call Factory	1,367	-	3,336
MMT6450BA	MMT6450SA	12,788	MMT6450SGA	15,702	2,474	325	826	1,326	Call Factory	1,367	-	3,520
MMT6510BA	MMT6510SA	14,887	MMT6510SGA	17,801	2,474	325	826	1,326	Call Factory	1,428	-	4,043
MMT6600BA	MMT6600SA	15,802	MMT6600SGA	18,716	2,474	325	826	1,326	Call Factory	1,428	-	4,286
MMT6710BA	MMT6710SA	17,921	MMT6710SGA	20,835	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options		Coil Options			
					Beacon II	Room TSTAT	TXV	TXV & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Copper Fin Coils	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 460/1/60												
MMT6130MA	MMT6130SA	4,266	MMT6130SGA	7,180	2,474	325	615	937	1,360	1,230	-	1,948
MMT6155MA	MMT6155SA	4,996	MMT6155SGA	7,910	2,474	325	615	937	1,360	1,230	-	1,948
MMT6245MA	MMT6245SA	7,221	MMT6245SGA	10,135	2,474	325	615	937	Call Factory	1,297	-	2,629
MMT6300MA	MMT6300SA	9,078	MMT6300SGA	11,992	2,474	325	615	937	Call Factory	1,297	-	2,756
MMT6365MA	MMT6365SA	11,308	MMT6365SGA	14,222	2,474	325	826	1,326	Call Factory	1,367	-	3,336
MMT6450MA	MMT6450SA	13,405	MMT6450SGA	16,319	2,474	325	826	1,326	Call Factory	1,367	-	3,520
MMT6510MA	MMT6510SA	15,710	MMT6510SGA	18,624	2,474	325	826	1,326	Call Factory	1,428	-	4,043
MMT6600MA	MMT6600SA	16,626	MMT6600SGA	19,540	2,474	325	826	1,326	Call Factory	1,428	-	4,286
MMT6710MA	MMT6710SA	18,950	MMT6710SGA	21,864	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695
Air Defrost Models with PSC Motors - 575/1/60												
MMT6130LA	MMT6130SA	4,350				325	615	937	1,360	1,230	Call Factory	1,948
MMT6155LA	MMT6155SA	5,095				325	615	937	1,360	1,230	Call Factory	1,948
MMT6245LA	MMT6245SA	7,366				325	615	937	Call Factory	1,297	Call Factory	2,629
MMT6300LA	MMT6300SA	9,262				325	615	937	Call Factory	1,297	Call Factory	2,756
MMT6365LA	MMT6365SA	11,533				325	826	1,326	Call Factory	1,367	Call Factory	3,336
MMT6450LA	MMT6450SA	13,675				325	826	1,326	Call Factory	1,367	Call Factory	3,520
MMT6510LA	MMT6510SA	16,027				325	826	1,326	Call Factory	1,428	Call Factory	4,043
MMT6600LA	MMT6600SA	16,957				325	826	1,326	Call Factory	1,428	Call Factory	4,286
MMT6710LA	MMT6710SA	19,329				325	1,196	1,837	Call Factory	1,466	Call Factory	4,695
Air Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60												
-	MMT6130SA	4,332	MMT6130SGA	7,246	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,059	MMT6155SGA	7,973	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	7,349	MMT6245SGA	10,263	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	9,208	MMT6300SGA	12,122	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	11,510	MMT6365SGA	14,424	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	13,604	MMT6450SGA	16,518	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	15,975	MMT6510SGA	18,889	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	16,890	MMT6600SGA	19,804	2,474	325	826	1,326	Call Factory	1,428	-	4,286
-	MMT6710SA	19,281	MMT6710SGA	22,195	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
					Electrical Options		Mechanical Options		Coil Options			
					Beacon II	Room TSTAT	TXV	TXV & LLSV	Coated Coil (Black)	ProKote™ Fin Protection	Copper Fin Coils	Bronz-Glow or ElectroFin
Air Defrost Models with Totally-Enclosed PSC Motors - 460/1/60												
-	MMT6130SA	4,538	MMT6130SGA	7,452	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6155SA	5,268	MMT6155SGA	8,182	2,474	325	615	937	1,360	1,230	-	1,948
-	MMT6245SA	7,765	MMT6245SGA	10,679	2,474	325	615	937	Call Factory	1,297	-	2,629
-	MMT6300SA	9,622	MMT6300SGA	12,536	2,474	325	615	937	Call Factory	1,297	-	2,756
-	MMT6365SA	12,124	MMT6365SGA	15,038	2,474	325	826	1,326	Call Factory	1,367	-	3,336
-	MMT6450SA	14,221	MMT6450SGA	17,135	2,474	325	826	1,326	Call Factory	1,367	-	3,520
-	MMT6510SA	16,798	MMT6510SGA	19,712	2,474	325	826	1,326	Call Factory	1,428	-	4,043
-	MMT6600SA	17,714	MMT6600SGA	20,628	2,474	325	826	1,326	Call Factory	1,428	-	4,286
-	MMT6710SA	20,310	MMT6710SGA	23,224	2,474	325	1,196	1,837	Call Factory	1,466	-	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with VSEC or 2 Speed EC motors – 230/1/60											
-	MLT6101SA	6	5,822	MLT6101SGA	8,736	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,715	MLT6140SGA	9,629	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	9,673	MLT6190SGA	12,587	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	12,546	MLT6260SGA	15,460	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	14,375	MLT6310SGA	17,289	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	16,972	MLT6390SGA	19,886	2,474	325	Standard	826	1,326	3,520
-	MLT4100SA	4.5	6,008	MLT4100SGA	8,922	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,905	MLT4165SGA	11,819	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	11,485	MLT4220SGA	14,399	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	13,102	MLT4250SGA	16,016	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	16,409	MLT4330SGA	19,323	2,474	325	Standard	826	1,326	3,520
Electric Defrost Models with VSEC or 2 Speed EC motors – 208-230/3/60											
-	MLT6101SA	6	5,822	MLT6101SGA	8,736	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,715	MLT6140SGA	9,629	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	9,673	MLT6190SGA	12,587	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	12,546	MLT6260SGA	15,460	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	14,375	MLT6310SGA	17,289	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	16,972	MLT6390SGA	19,886	2,474	325	Standard	826	1,326	3,520
-	MLT6430SA	6	19,181	MLT6430SGA	22,095	2,474	325	Standard	826	1,326	4,043
-	MLT6520SA	6	21,232	MLT6520SA	24,146	2,474	325	Standard	826	1,326	4,286
-	MLT6630SA	6	23,502	MLT6630SA	26,416	2,474	325	Standard	1,196	1,837	4,695
-	MLT4100SA	4.5	6,008	MLT4100SGA	8,922	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,905	MLT4165SGA	11,819	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	11,485	MLT4220SGA	14,399	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	13,102	MLT4250SGA	16,016	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	16,409	MLT4330SGA	19,323	2,474	325	Standard	826	1,326	3,520
-	MLT4370SA	4.5	18,570	MLT4370SGA	21,484	2,474	325	Standard	826	1,326	4,043
-	MLT4440SA	4.5	20,501	MLT4440SGA	23,415	2,474	325	Standard	826	1,326	4,286
-	MLT4530SA	4.5	22,292	MLT4530SGA	25,206	2,474	325	Standard	1,196	1,837	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Walk-In Unit Coolers

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60											
-	MLT6101SA	6	5,560	MLT6101SGA	8,474	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,454	MLT6140SGA	9,368	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	9,149	MLT6190SGA	12,063	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	12,023	MLT6260SGA	14,937	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	13,589	MLT6310SGA	16,503	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	16,186	MLT6390SGA	19,100	2,474	325	Standard	826	1,326	3,520
-	MLT4100SA	4.5	5,747	MLT4100SGA	8,661	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,381	MLT4165SGA	11,295	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,963	MLT4220SGA	13,877	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	12,318	MLT4250SGA	15,232	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	15,624	MLT4330SGA	18,538	2,474	325	Standard	826	1,326	3,520
Electric Defrost Models with EC Motors - 208-230/3/60											
-	MLT6101SA	6	5,560	MLT6101SGA	8,474	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,454	MLT6140SGA	9,368	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	9,149	MLT6190SGA	12,063	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	12,023	MLT6260SGA	14,937	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	13,589	MLT6310SGA	16,503	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	16,186	MLT6390SGA	19,100	2,474	325	Standard	826	1,326	3,520
-	MLT6430SA	6	18,133	MLT6430SGA	21,047	2,474	325	Standard	826	1,326	4,043
-	MLT6520SA	6	20,184	MLT6520SGA	23,098	2,474	325	Standard	826	1,326	4,286
-	MLT6620SA	6	22,192	MLT6620SGA	25,106	2,474	325	Standard	1,196	1,837	4,695
-	MLT4100SA	4.5	5,747	MLT4100SGA	8,661	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,381	MLT4165SGA	11,295	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,963	MLT4220SGA	13,877	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	12,318	MLT4250SGA	15,232	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	15,624	MLT4330SGA	18,538	2,474	325	Standard	826	1,326	3,520
-	MLT4370SA	4.5	17,522	MLT4370SGA	20,436	2,474	325	Standard	826	1,326	4,043
-	MLT4440SA	4.5	19,454	MLT4440SGA	22,368	2,474	325	Standard	826	1,326	4,286
-	MLT4530SA	4.5	21,448	MLT4530SGA	24,362	2,474	325	Standard	1,196	1,837	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Section 1

Walk-In Unit Coolers



Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with PSC Motors - 208-230/1/60											
MLT6101BA	MLT6101SA	6	4,848	MLT6101SGA	7,762	2,474	325	Standard	615	937	1,948
MLT6140BA	MLT6140SA	6	5,742	MLT6140SGA	8,656	2,474	325	Standard	615	937	1,948
MLT6190BA	MLT6190SA	6	7,725	MLT6190SGA	10,639	2,474	325	Standard	615	937	2,629
MLT6260BA	MLT6260SA	6	10,599	MLT6260SGA	13,513	2,474	325	Standard	615	937	2,756
MLT6310BA	MLT6310SA	6	11,453	MLT6310SGA	14,367	2,474	325	Standard	826	1,326	3,336
MLT6390BA	MLT6390SA	6	14,050	MLT6390SGA	16,964	2,474	325	Standard	826	1,326	3,520
MLT4100BA	MLT4100SA	4.5	5,035	MLT4100SGA	7,949	2,474	325	Standard	615	937	1,948
MLT4165BA	MLT4165SA	4.5	6,957	MLT4165SGA	9,871	2,474	325	Standard	615	937	2,629
MLT4220BA	MLT4220SA	4.5	9,539	MLT4220SGA	12,453	2,474	325	Standard	615	937	2,756
MLT4250BA	MLT4250SA	4.5	10,182	MLT4250SGA	13,096	2,474	325	Standard	826	1,326	3,336
MLT4330BA	MLT4330SA	4.5	13,488	MLT4330SGA	16,402	2,474	325	Standard	826	1,326	3,520
Electric Defrost Models with PSC Motors - 208-230/3/60											
MLT6101CA	MLT6101SA	6	4,848	MLT6101SGA	7,762	2,474	325	Standard	615	937	1,948
MLT6140CA	MLT6140SA	6	5,742	MLT6140SGA	8,656	2,474	325	Standard	615	937	1,948
MLT6190CA	MLT6190SA	6	7,725	MLT6190SGA	10,639	2,474	325	Standard	615	937	2,629
MLT6260CA	MLT6260SA	6	10,599	MLT6260SGA	13,513	2,474	325	Standard	615	937	2,756
MLT6310CA	MLT6310SA	6	11,453	MLT6310SGA	14,367	2,474	325	Standard	826	1,326	3,336
MLT6390CA	MLT6390SA	6	14,050	MLT6390SGA	16,964	2,474	325	Standard	826	1,326	3,520
MLT6430CA	MLT6430SA	6	15,285	MLT6430SGA	18,199	2,474	325	Standard	826	1,326	4,043
MLT6520CA	MLT6520SA	6	17,336	MLT6520SGA	20,250	2,474	325	Standard	826	1,326	4,286
MLT6620CA	MLT6620SA	6	18,632	MLT6620SGA	21,546	2,474	325	Standard	1,196	1,837	4,695
MLT4100CA	MLT4100SA	4.5	5,035	MLT4100SGA	7,949	2,474	325	Standard	615	937	1,948
MLT4165CA	MLT4165SA	4.5	6,957	MLT4165SGA	9,871	2,474	325	Standard	615	937	2,629
MLT4220CA	MLT4220SA	4.5	9,539	MLT4220SGA	12,453	2,474	325	Standard	615	937	2,756
MLT4250CA	MLT4250SA	4.5	10,182	MLT4250SGA	13,096	2,474	325	Standard	826	1,326	3,336
MLT4330CA	MLT4330SA	4.5	13,488	MLT4330SGA	16,402	2,474	325	Standard	826	1,326	3,520
MLT4370CA	MLT4370SA	4.5	14,674	MLT4370SGA	17,588	2,474	325	Standard	826	1,326	4,043
MLT4440CA	MLT4440SA	4.5	16,606	MLT4440SGA	19,520	2,474	325	Standard	826	1,326	4,286
MLT4530CA	MLT4530SA	4.5	17,888	MLT4530SGA	20,802	2,474	325	Standard	1,196	1,837	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Walk-In Unit Coolers

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with PSC Motors - 460/1/60											
MLT6101MA	MLT6101SA	6	5,141	MLT6101SGA	8,055	2,474	325	Standard	615	937	1,948
MLT6140MA	MLT6140SA	6	6,033	MLT6140SGA	8,947	2,474	325	Standard	615	937	1,948
MLT6190MA	MLT6190SA	6	8,300	MLT6190SGA	11,214	2,474	325	Standard	615	937	2,629
MLT6260MA	MLT6260SA	6	11,175	MLT6260SGA	14,089	2,474	325	Standard	615	937	2,756
MLT6310MA	MLT6310SA	6	12,314	MLT6310SGA	15,228	2,474	325	Standard	826	1,326	3,336
MLT6390MA	MLT6390SA	6	14,913	MLT6390SGA	17,827	2,474	325	Standard	826	1,326	3,520
MLT6430MA	MLT6430SA	6	16,436	MLT6430SGA	19,350	2,474	325	Standard	826	1,326	4,043
MLT6520MA	MLT6520SA	6	18,488	MLT6520SGA	21,402	2,474	325	Standard	826	1,326	4,286
MLT6620MA	MLT6620SA	6	20,073	MLT6620SGA	22,987	2,474	325	Standard	1,196	1,837	4,695
MLT4100MA	MLT4100SA	4.5	5,321	MLT4100SGA	8,235	2,474	325	Standard	615	937	1,948
MLT4165MA	MLT4165SA	4.5	7,533	MLT4165SGA	10,447	2,474	325	Standard	615	937	2,629
MLT4220MA	MLT4220SA	4.5	10,118	MLT4220SGA	13,032	2,474	325	Standard	615	937	2,756
MLT4250MA	MLT4250SA	4.5	10,754	MLT4250SGA	13,668	2,474	325	Standard	826	1,326	3,336
MLT4330MA	MLT4330SA	4.5	14,353	MLT4330SGA	17,267	2,474	325	Standard	826	1,326	3,520
MLT4370MA	MLT4370SA	4.5	15,823	MLT4370SGA	18,737	2,474	325	Standard	826	1,326	4,043
MLT4440MA	MLT4440SA	4.5	17,752	MLT4440SGA	20,666	2,474	325	Standard	826	1,326	4,286
MLT4530MA	MLT4530SA	4.5	19,326	MLT4530SGA	22,240	2,474	325	Standard	1,196	1,837	4,695
Electric Defrost Models with PSC Motors - 460/3/60											
MLT6101DA	MLT6101SA	6	5,141	MLT6101SGA	8,055	2,474	325	Standard	615	937	1,948
MLT6140DA	MLT6140SA	6	6,033	MLT6140SGA	8,947	2,474	325	Standard	615	937	1,948
MLT6190DA	MLT6190SA	6	8,300	MLT6190SGA	11,214	2,474	325	Standard	615	937	2,629
MLT6260DA	MLT6260SA	6	11,175	MLT6260SGA	14,089	2,474	325	Standard	615	937	2,756
MLT6310DA	MLT6310SA	6	12,314	MLT6310SGA	15,228	2,474	325	Standard	826	1,326	3,336
MLT6390DA	MLT6390SA	6	14,913	MLT6390SGA	17,827	2,474	325	Standard	826	1,326	3,520
MLT6430DA	MLT6430SA	6	16,436	MLT6430SGA	19,350	2,474	325	Standard	826	1,326	4,043
MLT6520DA	MLT6520SA	6	18,488	MLT6520SGA	21,402	2,474	325	Standard	826	1,326	4,286
MLT6620DA	MLT6620SA	6	20,073	MLT6620SGA	22,987	2,474	325	Standard	1,196	1,837	4,695
MLT4100DA	MLT4100SA	4.5	5,321	MLT4100SGA	8,235	2,474	325	Standard	615	937	1,948
MLT4165DA	MLT4165SA	4.5	7,533	MLT4165SGA	10,447	2,474	325	Standard	615	937	2,629

Regulations Require EC or VSEC Motors!

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Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Walk-In Unit Coolers



Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
MLT4220DA	MLT4220SA	4.5	10,118	MLT4220SGA	13,032	2,474	325	Standard	615	937	2,756
MLT4250DA	MLT4250SA	4.5	10,754	MLT4250SGA	13,668	2,474	325	Standard	826	1,326	3,336
MLT4330DA	MLT4330SA	4.5	14,353	MLT4330SGA	17,267	2,474	325	Standard	826	1,326	3,520
MLT4370DA	MLT4370SA	4.5	15,823	MLT4370SGA	18,737	2,474	325	Standard	826	1,326	4,043
MLT4440DA	MLT4440SA	4.5	17,752	MLT4440SGA	20,666	2,474	325	Standard	826	1,326	4,286
MLT4530DA	MLT4530SA	4.5	19,326	MLT4530SGA	22,240	2,474	325	Standard	1,196	1,837	4,695
Electric Defrost Models with PSC Motors - 575/3/60											
MLT6101EA	MLT6101SA	6	5,245				325	Standard	615	937	1,948
MLT6140EA	MLT6140SA	6	6,151				325	Standard	615	937	1,948
MLT6190EA	MLT6190SA	6	8,465				325	Standard	615	937	2,629
MLT6260EA	MLT6260SA	6	11,403				325	Standard	615	937	2,756
MLT6310EA	MLT6310SA	6	12,562				325	Standard	826	1,326	3,336
MLT6390EA	MLT6390SA	6	15,212				325	Standard	826	1,326	3,520
MLT6430EA	MLT6430SA	6	16,768				325	Standard	826	1,326	4,043
MLT6520EA	MLT6520SA	6	18,857				325	Standard	826	1,326	4,286
MLT6620EA	MLT6620SA	6	20,474				325	Standard	1,196	1,837	4,695
MLT4100EA	MLT4100SA	4.5	5,429				325	Standard	615	937	1,948
MLT4165EA	MLT4165SA	4.5	7,681				325	Standard	615	937	2,629
MLT4220EA	MLT4220SA	4.5	10,320				325	Standard	615	937	2,756
MLT4250EA	MLT4250SA	4.5	10,968				325	Standard	826	1,326	3,336
MLT4330EA	MLT4330SA	4.5	14,641				325	Standard	826	1,326	3,520
MLT4370EA	MLT4370SA	4.5	16,141				325	Standard	826	1,326	4,043
MLT4400EA	MLT4440SA	4.5	18,107				325	Standard	826	1,326	4,286
MLT4530EA	MLT4530SA	4.5	19,711				325	Standard	1,196	1,837	4,695
Electric Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60											
-	MLT6101SA	6	5,120	MLT6101SGA	8,034	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,014	MLT6140SGA	8,928	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	8,269	MLT6190SGA	11,183	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	11,143	MLT6260SGA	14,057	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	12,269	MLT6310SGA	15,183	2,474	325	Standard	826	1,326	3,336

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Walk-In Unit Coolers

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Electric Defrost Models & Options

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						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
-	MLT6390SA	6	14,866	MLT6390SGA	17,780	2,474	325	Standard	826	1,326	3,520
-	MLT4100SA	4.5	5,307	MLT4100SGA	8,221	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	7,501	MLT4165SGA	10,415	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,083	MLT4220SGA	12,997	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	10,998	MLT4250SGA	13,912	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	14,304	MLT4330SGA	17,218	2,474	325	Standard	826	1,326	3,520
Electric Defrost Models with Totally-Enclosed PSC Motors - 208-230/3/60											
-	MLT6101SA	6	5,120	MLT6101SGA	8,034	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,014	MLT6140SGA	8,928	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	8,269	MLT6190SGA	11,183	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	11,143	MLT6260SGA	14,057	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	12,269	MLT6310SGA	15,183	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	14,866	MLT6390SGA	17,780	2,474	325	Standard	826	1,326	3,520
-	MLT6430SA	6	16,373	MLT6430SGA	19,287	2,474	325	Standard	826	1,326	4,043
-	MLT6520SA	6	18,424	MLT6520SGA	21,338	2,474	325	Standard	826	1,326	4,286
-	MLT6620SA	6	19,992	MLT6620SGA	22,906	2,474	325	Standard	1,196	1,837	4,695
-	MLT4100SA	4.5	5,307	MLT4100SGA	8,221	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	7,501	MLT4165SGA	10,415	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,083	MLT4220SGA	12,997	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	10,998	MLT4250SGA	13,912	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	14,304	MLT4330SGA	17,218	2,474	325	Standard	826	1,326	3,520
-	MLT4370SA	4.5	15,762	MLT4370SGA	18,676	2,474	325	Standard	826	1,326	4,043
-	MLT4440SA	4.5	17,694	MLT4440SGA	20,608	2,474	325	Standard	826	1,326	4,286
-	MLT4530SA	4.5	19,248	MLT4530SGA	22,162	2,474	325	Standard	1,196	1,837	4,695
Electric Defrost Models with Totally-Enclosed PSC Motors - 460/1/60											
-	MLT6101SA	6	5,413	MLT6101SGA	8,327	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,305	MLT6140SGA	9,219	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	8,844	MLT6190SGA	11,758	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	11,719	MLT6260SGA	14,633	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	13,130	MLT6310SGA	16,044	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	15,729	MLT6390SGA	18,643	2,474	325	Standard	826	1,326	3,520

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Section 1

Walk-In Unit Coolers



Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
						Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
						Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
-	MLT6430SA	6	17,524	MLT6430SGA	20,438	2,474	325	Standard	826	1,326	4,043
-	MLT6520SA	6	19,576	MLT6520SGA	22,490	2,474	325	Standard	826	1,326	4,286
-	MLT6620SA	6	21,433	MLT6620SGA	24,347	2,474	325	Standard	1,196	1,837	4,695
-	MLT4100SA	4.5	5,593	MLT4100SGA	8,507	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,077	MLT4165SGA	10,991	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,662	MLT4220SGA	13,576	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	11,570	MLT4250SGA	14,484	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	15,169	MLT4330SGA	18,083	2,474	325	Standard	826	1,326	3,520
-	MLT4370SA	4.5	16,911	MLT4370SGA	19,825	2,474	325	Standard	826	1,326	4,043
-	MLT4440SA	4.5	18,840	MLT4440SGA	21,754	2,474	325	Standard	826	1,326	4,286
-	MLT4530SA	4.5	20,686	MLT4530SGA	23,600	2,474	325	Standard	1,196	1,837	4,695
Electric Defrost Models with Totally-Enclosed PSC Motors - 460/3/60											
-	MLT6101SA	6	5,413	MLT6101SGA	8,327	2,474	325	Standard	615	937	1,948
-	MLT6140SA	6	6,305	MLT6140SGA	9,219	2,474	325	Standard	615	937	1,948
-	MLT6190SA	6	8,844	MLT6190SGA	11,758	2,474	325	Standard	615	937	2,629
-	MLT6260SA	6	11,719	MLT6260SGA	14,633	2,474	325	Standard	615	937	2,756
-	MLT6310SA	6	13,130	MLT6310SGA	16,044	2,474	325	Standard	826	1,326	3,336
-	MLT6390SA	6	15,729	MLT6390SGA	18,643	2,474	325	Standard	826	1,326	3,520
-	MLT6430SA	6	17,524	MLT6430SGA	20,438	2,474	325	Standard	826	1,326	4,043
-	MLT6520SA	6	19,576	MLT6520SGA	22,490	2,474	325	Standard	826	1,326	4,286
-	MLT6620SA	6	21,433	MLT6620SGA	24,347	2,474	325	Standard	1,196	1,837	4,695
-	MLT4100SA	4.5	5,593	MLT4100SGA	8,507	2,474	325	Standard	615	937	1,948
-	MLT4165SA	4.5	8,077	MLT4165SGA	10,991	2,474	325	Standard	615	937	2,629
-	MLT4220SA	4.5	10,662	MLT4220SGA	13,576	2,474	325	Standard	615	937	2,756
-	MLT4250SA	4.5	11,570	MLT4250SGA	14,484	2,474	325	Standard	826	1,326	3,336
-	MLT4330SA	4.5	15,169	MLT4330SGA	18,083	2,474	325	Standard	826	1,326	3,520
-	MLT4370SA	4.5	16,911	MLT4370SGA	19,825	2,474	325	Standard	826	1,326	4,043
-	MLT4440SA	4.5	18,840	MLT4440SGA	21,754	2,474	325	Standard	826	1,326	4,286
-	MLT4530SA	4.5	20,686	MLT4530SGA	23,600	2,474	325	Standard	1,196	1,837	4,695

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Electric Defrost models have Adjustable Defrost Termination/Fan Delay.
- Beacon II™ must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Walk-In Unit Coolers

Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with VSEC Motors - 115/1/60								
-	MLG6190SA	6	9,096	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	11,735	Standard	735	Call Factory	615	2,629
-	MLG6310SA	6	13,512	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	15,966	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	18,032	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	19,964	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	8,874	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	11,504	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	13,189	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	15,498	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	17,524	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	19,392	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with VSEC Motors - 208-230/1/60								
-	MLG6190SA	6	9,240	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	11,951	Standard	735	Call Factory	615	2,629
-	MLG6310SA	6	13,726	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	16,181	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	18,320	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	20,251	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	9,018	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	11,650	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	13,400	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	15,715	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	17,815	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	19,684	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with EC Motors - 115/1/60								
-	MLG6190SA	6	8,572	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	11,211	Standard	735	Call Factory	615	2,629

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Relay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
-	MLG6310SA	6	12,726	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	15,180	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	16,984	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	18,916	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	8,350	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	10,980	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	12,403	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	14,712	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	16,476	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	18,344	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with EC Motors - 208-230/1/60								
-	MLG6190SA	6	8,716	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	11,427	Standard	735	Call Factory	615	2,629
-	MLG6310SA	6	12,940	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	15,395	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	17,272	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	19,203	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	8,494	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	11,126	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	12,614	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	14,929	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	16,767	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	18,636	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with PSC Motors - 115/1/60								
MLG6190AA	MLG6190SA	6	7,148	Standard	735	Call Factory	615	2,477
MLG6260AA	MLG6260SA	6	9,787	Standard	735	Call Factory	615	2,629
MLG6310AA	MLG6310SA	6	10,590	Standard	883	Call Factory	826	3,116
MLG6390AA	MLG6390SA	6	13,044	Standard	883	Call Factory	826	3,336
MLG6430AA	MLG6430SA	6	14,136	Standard	1,029	Call Factory	1,196	3,755

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
MLG6520AA	MLG6520SA	6	16,068	Standard	1,029	Call Factory	1,196	4,043
MLG4165AA	MLG4165SA	4.5	6,926	Standard	735	Call Factory	615	2,477
MLG4220AA	MLG4220SA	4.5	9,556	Standard	735	Call Factory	615	2,629
MLG4250AA	MLG4250SA	4.5	10,267	Standard	883	Call Factory	826	3,116
MLG4330AA	MLG4330SA	4.5	12,576	Standard	883	Call Factory	826	3,336
MLG4370AA	MLG4370SA	4.5	13,628	Standard	1,029	Call Factory	1,196	3,755
MLG4440AA	MLG4440SA	4.5	15,496	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with PSC Motors - 208-230/1/60								
MLG6190BA	MLG6190SA	6	7,292	Standard	735	Call Factory	615	2,477
MLG6260BA	MLG6260SA	6	10,003	Standard	735	Call Factory	615	2,629
MLG6310BA	MLG6310SA	6	10,804	Standard	883	Call Factory	826	3,116
MLG6390BA	MLG6390SA	6	13,259	Standard	883	Call Factory	826	3,336
MLG6430BA	MLG6430SA	6	14,424	Standard	1,029	Call Factory	1,196	3,755
MLG6520BA	MLG6520SA	6	16,355	Standard	1,029	Call Factory	1,196	4,043
MLG4165BA	MLG4165SA	4.5	7,070	Standard	735	Call Factory	615	2,477
MLG4220BA	MLG4220SA	4.5	9,702	Standard	735	Call Factory	615	2,629
MLG4250BA	MLG4250SA	4.5	10,478	Standard	883	Call Factory	826	3,116
MLG4330BA	MLG4330SA	4.5	12,793	Standard	883	Call Factory	826	3,336
MLG4370BA	MLG4370SA	4.5	13,919	Standard	1,029	Call Factory	1,196	3,755
MLG4440BA	MLG4440SA	4.5	15,788	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with PSC Motors - 460/1/60								
MLG6190MA	MLG6190SA	6	7,878	Standard	735	Call Factory	615	2,477
MLG6260MA	MLG6260SA	6	10,589	Standard	735	Call Factory	615	2,629
MLG6310MA	MLG6310SA	6	11,687	Standard	883	Call Factory	826	3,116
MLG6390MA	MLG6390SA	6	14,157	Standard	883	Call Factory	826	3,336
MLG6430MA	MLG6430SA	6	15,593	Standard	1,029	Call Factory	1,196	3,755
MLG6520MA	MLG6520SA	6	17,530	Standard	1,029	Call Factory	1,196	4,043
MLG4165MA	MLG4165SA	4.5	7,653	Standard	735	Call Factory	615	2,477
MLG4220MA	MLG4220SA	4.5	10,289	Standard	735	Call Factory	615	2,629

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Walk-In Unit Coolers



Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
MLG4250MA	MLG4250SA	4.5	11,362	Standard	883	Call Factory	826	3,116
MLG4330MA	MLG4330SA	4.5	13,694	Standard	883	Call Factory	826	3,336
MLG4370MA	MLG4370SA	4.5	15,088	Standard	1,029	Call Factory	1,196	3,755
MLG4440MA	MLG4440SA	4.5	16,957	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with PSC Motors - 575/1/60								
MLG6190LA	MLG6190SA	6	8,035	Standard	735	Call Factory	615	2,477
MLG6260LA	MLG6260SA	6	10,800	Standard	735	Call Factory	615	2,629
MLG6310LA	MLG6310SA	6	11,920	Standard	883	Call Factory	826	3,116
MLG6390LA	MLG6390SA	6	14,442	Standard	883	Call Factory	826	3,336
MLG6430LA	MLG6430SA	6	15,908	Standard	1,029	Call Factory	1,196	3,755
MLG6520LA	MLG6520SA	6	17,881	Standard	1,029	Call Factory	1,196	4,043
MLG4165LA	MLG4165SA	4.5	7,807	Standard	735	Call Factory	615	2,477
MLG4220LA	MLG4220SA	4.5	10,496	Standard	735	Call Factory	615	2,629
MLG4250LA	MLG4250SA	4.5	11,590	Standard	883	Call Factory	826	3,116
MLG4330LA	MLG4330SA	4.5	13,966	Standard	883	Call Factory	826	3,336
MLG4370LA	MLG4370SA	4.5	15,391	Standard	1,029	Call Factory	1,196	3,755
MLG4440LA	MLG4440SA	4.5	17,298	Standard	1,029	Call Factory	1,196	4,043
Hot Gas Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60								
-	MLG6190SA	6	7,836	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	10,547	Standard	735	Call Factory	615	2,629
-	MLG6310SA	6	11,620	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	14,075	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	15,512	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	17,443	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	7,614	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	10,246	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	11,294	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	13,609	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	15,007	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	16,876	Standard	1,029	Call Factory	1,196	4,043

Regulations Require EC or VSEC Motors!

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California Energy Commission Title 24, Section 126

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Walk-In Unit Coolers

Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
				Drain Pan Options			Mechanical Options	Coil Options
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with Totally-Enclosed PSC Motors - 460/1/60								
-	MLG6190SA	6	8,422	Standard	735	Call Factory	615	2,477
-	MLG6260SA	6	11,133	Standard	735	Call Factory	615	2,629
-	MLG6310SA	6	12,503	Standard	883	Call Factory	826	3,116
-	MLG6390SA	6	14,973	Standard	883	Call Factory	826	3,336
-	MLG6430SA	6	16,681	Standard	1,029	Call Factory	1,196	3,755
-	MLG6520SA	6	18,618	Standard	1,029	Call Factory	1,196	4,043
-	MLG4165SA	4.5	8,197	Standard	735	Call Factory	615	2,477
-	MLG4220SA	4.5	10,833	Standard	735	Call Factory	615	2,629
-	MLG4250SA	4.5	12,178	Standard	883	Call Factory	826	3,116
-	MLG4330SA	4.5	14,510	Standard	883	Call Factory	826	3,336
-	MLG4370SA	4.5	16,176	Standard	1,029	Call Factory	1,196	3,755
-	MLG4440SA	4.5	18,045	Standard	1,029	Call Factory	1,196	4,043

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Medium Profile

Hot Gas Reverse Cycle Kits

Need a Hot Gas Reverse Cycle Kit?

Need help? Please contact your local Sales Representative or Account Engineer for assistance.

Kits for Models with Standard Electric Pan

Hot Gas Models Used On		Factory - Installed		Shipped - Loose	
MLG6	MLG4	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
190 - 260	165 - 220	RCK.EP-1	2,747	89867601	412
310 - 520	250 - 440	RCK.EP-2	3,038	89867602	607

Notes:

- Factory-installed kits include expansion valve and TXV bypass check valve assembly. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve. Kit does not include expansion valve.

Kits for Models with Optional Hot Gas Pan

Hot Gas Models Used On		Factory - Installed		Shipped - Loose	
MLG6	MLG4	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
190	165	RCK.HGP-1	3,586	89869403 + 89867601	1,044
260	220	RCK.HGP-2	4,222	89869402 + 89867601	1,283
310 - 390	250 - 330	RCK.HGP-3	4,514	89869402 + 89867602	1,464
430 - 520	370 - 440	RCK.HGP-4	4,681	89869401 + 89867602	1,564

Notes:

- Factory installed kits included expansion valve, TXV Bypass check valve assembly, suction check valve assembly, and drain pan check valve assembly. Kit does not include hot gas pan price. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve, one check valve and piping for drain pan assembly and one check valve and piping for suction assembly. Kit does not include Hot gas pan pricing. Kit does not include expansion valve.

Hot Gas 3-Pipe Kits Available.

Contact your local sales representative or Account Engineer for more information.



Walk-In Unit Coolers

Medium Profile

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Air Sock Collars			
89865801	Collar for Air Sock (18" fan)	254	Must be used with wire fan guards. Must order 1 per fan.
Defrost Controls			
21340101	Electric Defrost Timer (60 Hz)	362	-
5505-R	30-Amp Contactor	387	Use as fan or heater contactor
5738-N	50-Amp Contactor	440	Use Interlink part 2252340
Check Valves			
5890C	7/8" Suction Line Check Valve	217	-
5889C	1 1/8" Suction Line Check Valve	423	-
2933022	1 3/8" Suction Line Check Valve	874	-
5731F	1 5/8" Suction Line Check Valve	881	-
Drain Line Heaters			
5508Q	6 ft. Drain Line Heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line Heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line Heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line Heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line Heater (208-230V, 420 Watts)	573	-
Heat Exchangers			
24200005	Heat Exchanger used on 130 Air Defrost Model and 100 - 140 Electric Defrost Models	282	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 155 - 300 Air Defrost Models and 165 - 190 Electric & Hot Gas Defrost Models	329	1/2" Liquid Connection OD, 1 1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 365 - 450 Air Defrost Models, 260 - 390 (6 FPI) Electric & Hot Gas Defrost Models, and 220 - 330 (4 FPI) Electric & Hot Gas Defrost Models	552	5/8" Liquid Connection OD, 1 3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.
24200009	Heat Exchanger used on 510 - 710 Air Defrost Models and 370 - 620 Electric & Hot Gas Defrost Models	605	7/8" Liquid Connection OD, 1 5/8" Suction Connection OD, 16" Length, 4lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	359	24,000 BTUH and under
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH
TXV120	738	60,000 BTUH to 120,000 BTUH
TXV360	930	120,000 BTUH to 360,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	371	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	371	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	371	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH
5766Y	371	1/2	51,000 BTUH to 72,000 BTUH	44,000 BTUH to 62,000 BTUH
5768Y	492	5/8	72,000 BTUH to 144,000 BTUH	62,000 BTUH to 120,000 BTUH

Section 1

Large Unit Coolers

Overview



Product Description

The large unit cooler line, available in air, electric, and hot gas defrost, is ideal for warehouse cooler/freezer applications. These superior quality, heavy duty evaporators are available in a wide range of capacities to support many applications. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Liquid line solenoid wiring harness for faster installation
- Standardized terminal board for easier field wiring
- Hinged drain pan and access panels for easy servicing
- Suction Schrader fitting for easier suction temperature measurement
- Captive fasteners on access panels for easy servicing — no fumbling with loose bolts and nuts

Reliable & Durable

- Thermo-Flex™ (with five-year limited warranty) is innovative, eliminates leaks, and reduces risk of refrigerant loss
- Aluminum cabinet with bonded white enamel finish for attractive design and structurally sound cabinet
- PVC coated steel wire fan guards

Performance

- 850 rpm motors are quiet and reliable
- Long air throw is ideal for large warehouse and industrial application
- High CFM motors

Versatile

- Adjustable defrost control can be customized per application
- Available with air, electric, or hot gas defrost
- Wide range of capacities
- Beacon II™ compatible
- Many motors and voltages available

Nomenclature

LH	A	850	C	G	P	A
Model Series	Model Type	Capacity	Electrical Code	Control Option	Optional Motor	Vintage
LH = Larkin Large Unit Coolers	A6/A8 = Air Deforst, 6 or 8 FPI E6 = Electric Deforst, 6 FPI L4 = Electric Deforst, 4.5 FPI G6 = Hot Gas Defrost, 6 FPI F4 = Hot Gas Defrost, 4.5 FPI	# x 100 = BTUH	B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60 M = 460/1/60 E = 573/3/60 X = 380-400/3/50 Y = 200-220/1/50 S = Configurable	G = intelliGen™ <small>*only available on Air and Electric Defrost Models</small>	T = Totally Enclosed Motors V = High CFM Option P = 3-Phase Motor	



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Mechanical Options		Coil Options	
					Beacon II	Room TSTAT	TXV	TXV & LLSV	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60										
-	LHA6520SA	13,675	LHA6520SGA	18,768	4,662	325	1,099	1,709	1,458	4,199
-	LHA6630SA	15,076	LHA6630SGA	20,169	4,662	325	1,099	1,709	1,458	4,334
-	LHA6750SA	18,574	LHA6750SGA	23,667	4,662	325	1,099	1,709	1,548	5,189
-	LHA6850SA	19,980	LHA6850SGA	25,073	4,662	325	1,099	1,709	1,548	5,189
-	LHA6930SA	21,898	LHA6930SGA	26,991	4,662	325	1,304	2,064	1,665	6,357
-	LHA61100SA	23,829	LHA61100SGA	28,922	4,662	325	1,304	2,064	1,665	6,357
-	LHA61170SA	29,179	LHA61170SGA	34,272	4,662	325	1,304	2,064	1,782	7,368
-	LHA61400SA	32,691	LHA61400SGA	Call Factory	4,662	325	1,304	2,064	1,782	7,368
-	LHA61610SA	34,448	LHA61610SGA	Call Factory	4,662	325	1,607	Call Factory	1,782	8,042
-	LHA61900SA	40,425	LHA61900SGA	Call Factory	4,662	325	1,425	2,275	2,867	10,042
-	LHA82160SA	44,639	LHA82160SGA	Call Factory	4,662	325	1,425	2,275	2,107	10,510
-	LHA62200SA	44,055	LHA62200SGA	Call Factory	4,662	325	1,425	2,275	2,867	11,393
-	LHA62440SA	50,909	LHA62440SGA	Call Factory	4,662	325	1,425	2,275	2,867	12,759
-	LHA82500SA	49,501	LHA82500SGA	Call Factory	4,662	325	1,425	2,275	2,337	11,938
-	LHA82780SA	53,190	LHA82780SGA	Call Factory	4,662	325	1,425	2,275	2,337	13,377
Air Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60										
-	LHA6520SA	13,675	LHA6520SGA	18,768	4,662	325	1,099	1,709	1,458	4,199
-	LHA6630SA	15,076	LHA6630SGA	20,169	4,662	325	1,099	1,709	1,458	4,334
-	LHA6750SA	18,574	LHA6750SGA	23,667	4,662	325	1,099	1,709	1,548	5,189
-	LHA6850SA	19,980	LHA6850SGA	25,073	4,662	325	1,099	1,709	1,548	5,189
-	LHA6930SA	21,898	LHA6930SGA	26,991	4,662	325	1,304	2,064	1,665	6,357
-	LHA61100SA	23,829	LHA61100SGA	28,922	4,662	325	1,304	2,064	1,665	6,357
-	LHA61170SA	29,179	LHA61170SGA	34,272	4,662	325	1,304	2,064	1,782	7,368
-	LHA61400SA	32,691	LHA61400SGA	Call Factory	4,662	325	1,304	2,064	1,782	7,368
-	LHA61610SA	34,448	LHA61610SGA	Call Factory	4,662	325	1,607	Call Factory	1,782	8,042
-	LHA61900SA	40,425	LHA61900SGA	Call Factory	4,662	325	1,425	2,275	2,867	10,042
-	LHA82160SA	44,639	LHA82160SGA	Call Factory	4,662	325	1,425	2,275	2,107	10,510
-	LHA62200SA	44,055	LHA62200SGA	Call Factory	4,662	325	1,425	2,275	2,867	11,393
-	LHA62440SA	50,909	LHA62440SGA	Call Factory	4,662	325	1,425	2,275	2,867	12,759
-	LHA82500SA	49,501	LHA82500SGA	Call Factory	4,662	325	1,425	2,275	2,337	11,938
-	LHA82780SA	53,190	LHA82780SGA	Call Factory	4,662	325	1,425	2,275	2,337	13,377
Air Defrost Models with Standard Motors - 208-230/1/60										
LHA6520BA	LHA6520SA	12,653	LHA6520SGA	17,746	4,662	325	1,099	1,709	1,458	4,199
LHA6630BA	LHA6630SA	14,054	LHA6630SGA	19,147	4,662	325	1,099	1,709	1,458	4,334

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuitied Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Mechanical Options		Coil Options	
					Beacon II	Room TSTAT	TXV	TXV & LLSV	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
LHA6750BA	LHA6750SA	17,044	LHA6750SGA	22,137	4,662	325	1,099	1,709	1,548	5,189
LHA6850BA	LHA6850SA	18,450	LHA6850SGA	23,543	4,662	325	1,099	1,709	1,548	5,189
LHA6930BA	LHA6930SA	19,858	LHA6930SGA	24,951	4,662	325	1,304	2,064	1,665	6,357
LHA61100BA	LHA61100SA	21,789	LHA61100SGA	26,882	4,662	325	1,304	2,064	1,665	6,357
Air Defrost Models with Standard Motors - 208-230/3/60										
LHA6520CPA	LHA6520SA	13,442	LHA6520SGA	18,535	4,662	325	1,099	1,709	1,458	4,199
LHA6630CPA	LHA6630SA	15,027	LHA6630SGA	20,120	4,662	325	1,099	1,709	1,458	4,334
LHA6750CA	LHA6750SA	17,044	LHA6750SGA	22,137	4,662	325	1,099	1,709	1,548	5,189
LHA6750CPA	LHA6750SA	18,258	LHA6750SGA	23,351	4,662	325	1,099	1,709	1,548	5,189
LHA6850CA	LHA6850SA	18,450	LHA6850SGA	23,543	4,662	325	1,099	1,709	1,548	5,189
LHA6850CPA	LHA6850SA	19,612	LHA6850SGA	24,705	4,662	325	1,099	1,709	1,548	5,189
LHA6930CA	LHA6930SA	19,858	LHA6930SGA	24,951	4,662	325	1,304	2,064	1,665	6,357
LHA6930CPA	LHA6930SA	21,436	LHA6930SGA	26,529	4,662	325	1,304	2,064	1,665	6,357
LHA61100CA	LHA61100SA	21,789	LHA61100SGA	26,882	4,662	325	1,304	2,064	1,665	6,357
LHA61100CPA	LHA61100SA	23,371	LHA61100SGA	28,464	4,662	325	1,304	2,064	1,665	6,357
LHA61170CPA	LHA61170SA	28,294	LHA61170SGA	33,387	4,662	325	1,304	2,064	1,782	7,368
LHA61400CPA	LHA61400SA	31,806	LHA61400SGA	Call Factory	4,662	325	1,304	2,064	1,782	7,368
LHA61610CPA	LHA61610SA	33,563	LHA61610SGA	Call Factory	4,662	325	1,607	Call Factory	1,782	8,042
LHA61900CPA	LHA61900SA	39,540	LHA61900SGA	Call Factory	4,662	325	1,425	2,275	2,867	10,042
LHA82160CPA	LHA82160SA	43,754	LHA82160SGA	Call Factory	4,662	325	1,425	2,275	2,107	10,510
LHA62200CPA	LHA62200SA	42,875	LHA62200SGA	Call Factory	4,662	325	1,425	2,275	2,867	11,393
LHA62440CPA	LHA62440SA	49,729	LHA62440SGA	Call Factory	4,662	325	1,425	2,275	2,867	12,759
LHA82500CPA	LHA82500SA	48,321	LHA82500SGA	Call Factory	4,662	325	1,425	2,275	2,337	11,938
LHA82780CPA	LHA82780SA	52,010	LHA82780SGA	Call Factory	4,662	325	1,425	2,275	2,337	13,377
Air Defrost Models with Standard Motors - 460/1/60										
LHA6520MA	LHA6520SA	12,653	LHA6520SGA	17,746	4,662	325	1,099	1,709	1,458	4,199
LHA6630MA	LHA6630SA	14,054	LHA6630SGA	19,147	4,662	325	1,099	1,709	1,458	4,334
Air Defrost Models with Standard Motors - 460/3/60										
LHA6520DPA	LHA6520SA	13,442	LHA6520SGA	18,535	4,662	325	1,099	1,709	1,458	4,199
LHA6630DPA	LHA6630SA	15,027	LHA6630SGA	20,120	4,662	325	1,099	1,709	1,458	4,334
LHA6750DA	LHA6750SA	17,044	LHA6750SGA	22,137	4,662	325	1,099	1,709	1,548	5,189
LHA6750DPA	LHA6750SA	18,258	LHA6750SGA	23,351	4,662	325	1,099	1,709	1,548	5,189
LHA6850DA	LHA6850SA	18,450	LHA6850SGA	23,543	4,662	325	1,099	1,709	1,548	5,189
LHA6850DPA	LHA6850SA	19,612	LHA6850SGA	24,705	4,662	325	1,099	1,709	1,548	5,189
LHA6930DA	LHA6930SA	19,858	LHA6930SGA	24,951	4,662	325	1,304	2,064	1,665	6,357

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

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Notes:

- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Mechanical Options		Coil Options	
					Beacon II	Room TSTAT	TXV	TXV & LLSV	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
LHA6930DPA	LHA6930SA	21,436	LHA6930SGA	26,529	4,662	325	1,304	2,064	1,665	6,357
LHA61100DA	LHA61100SA	21,789	LHA61100SGA	26,882	4,662	325	1,304	2,064	1,665	6,357
LHA61100DPA	LHA61100SA	23,371	LHA61100SGA	28,464	4,662	325	1,304	2,064	1,665	6,357
LHA61170DPA	LHA61170SA	28,294	LHA61170SGA	33,387	4,662	325	1,304	2,064	1,782	7,368
LHA61400DPA	LHA61400SA	31,806	LHA61400SGA	Call Factory	4,662	325	1,304	2,064	1,782	7,368
LHA61610DPA	LHA61610SA	33,563	LHA61610SGA	Call Factory	4,662	325	1,607	Call Factory	1,782	8,042
LHA61900DPA	LHA61900SA	39,540	LHA61900SGA	Call Factory	4,662	325	1,425	2,275	2,867	10,042
LHA82160DPA	LHA82160SA	43,754	LHA82160SGA	Call Factory	4,662	325	1,425	2,275	2,107	10,510
LHA62200DPA	LHA62200SA	42,875	LHA62200SGA	Call Factory	4,662	325	1,425	2,275	2,867	11,393
LHA62440DPA	LHA62440SA	49,729	LHA62440SGA	Call Factory	4,662	325	1,425	2,275	2,867	12,759
LHA82500DPA	LHA82500SA	48,321	LHA82500SGA	Call Factory	4,662	325	1,425	2,275	2,337	11,938
LHA82780DPA	LHA82780SA	52,010	LHA82780SGA	Call Factory	4,662	325	1,425	2,275	2,337	13,377
Air Defrost Models with Standard Motors - 575/3/60										
LHA6520EPA	LHA6520SA	13,711	LHA6520SGA	18,804	4,662	325	1,099	1,709	1,458	4,199
LHA6630EPA	LHA6630SA	15,326	LHA6630SGA	20,419	4,662	325	1,099	1,709	1,458	4,334
LHA6750EPA	LHA6750SA	18,623	LHA6750SGA	23,716	4,662	325	1,099	1,709	1,548	5,189
LHA6850EPA	LHA6850SA	20,003	LHA6850SGA	25,096	4,662	325	1,099	1,709	1,548	5,189
LHA6930EPA	LHA6930SA	21,864	LHA6930SGA	26,957	4,662	325	1,304	2,064	1,665	6,357
LHA61100EPA	LHA61100SA	23,838	LHA61100SGA	28,931	4,662	325	1,304	2,064	1,665	6,357
LHA61170EPA	LHA61170SA	28,858	LHA61170SGA	33,951	4,662	325	1,304	2,064	1,782	7,368
LHA61400EPA	LHA61400SA	32,441	LHA61400SGA	Call Factory	4,662	325	1,304	2,064	1,782	7,368
LHA61610EPA	LHA61610SA	34,233	LHA61610SGA	Call Factory	4,662	325	1,607	Call Factory	1,782	8,042
LHA61900EPA	LHA61900SA	40,328	LHA61900SGA	Call Factory	4,662	325	1,425	2,275	2,867	10,042
LHA82160EPA	LHA82160SA	44,628	LHA82160SGA	Call Factory	4,662	325	1,425	2,275	2,107	10,510
LHA62200EPA	LHA62200SA	43,732	LHA62200SGA	Call Factory	4,662	325	1,425	2,275	2,867	11,393
LHA62440EPA	LHA62440SA	50,725	LHA62440SGA	Call Factory	4,662	325	1,425	2,275	2,867	12,759
LHA82500EPA	LHA82500SA	49,290	LHA82500SGA	Call Factory	4,662	325	1,425	2,275	2,337	11,938
LHA82780EPA	LHA82780SA	52,984	LHA82780SGA	Call Factory	4,662	325	1,425	2,275	2,337	13,377

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuiting Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60										
-	LHE6450SA	15,957	LHE6450SGA	21,050	4,662	325	Standard	1,099	1,709	5,085
-	LHE6550SA	18,240	LHE6550SGA	23,333	4,662	325	Standard	1,099	1,709	5,085
-	LHE6640SA	20,332	LHE6640SGA	25,425	4,662	325	Standard	1,099	1,709	5,941
-	LHE6740SA	23,844	LHE6740SGA	28,937	4,662	325	Standard	1,099	1,709	5,941
-	LHE6810SA	29,097	LHE6810SGA	34,190	4,662	325	Standard	1,304	2,064	7,109
-	LHE6950SA	31,565	LHE6950SGA	36,658	4,662	325	Standard	1,304	2,064	7,109
-	LHE61020SA	32,691	LHE61020SGA	37,784	4,662	325	Standard	1,304	2,064	8,121
-	LHE61200SA	37,258	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121
-	LHE61390SA	40,773	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHE61650SB	52,547	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHE62120SB	64,263	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
-	LHL4400SA	14,899	LHL4400SGA	19,992	4,662	325	Standard	1,099	1,709	5,085
-	LHL4480SA	18,064	LHL4480SGA	23,157	4,662	325	Standard	1,099	1,709	5,085
-	LHL4560SA	19,980	LHL4560SGA	25,073	4,662	325	Standard	1,099	1,709	5,941
-	LHL4650SA	21,914	LHL4650SGA	27,007	4,662	325	Standard	1,099	1,709	5,941
-	LHL4710SA	24,007	LHL4710SGA	29,100	4,662	325	Standard	1,304	2,064	7,109
-	LHL4840SA	31,034	LHL4840SGA	36,127	4,662	325	Standard	1,304	2,064	7,109
-	LHL4890SA	32,337	LHL4890SGA	37,430	4,662	325	Standard	1,304	2,064	8,121
-	LHL41050SA	36,559	LHL41050SGA	41,652	4,662	325	Standard	1,304	2,064	8,121
-	LHL41220SA	40,425	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHL41440SB	50,790	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHL41860SB	61,451	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
Electric Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60										
-	LHE6450SA	15,957	LHE6450SGA	21,050	4,662	325	Standard	1,099	1,709	5,085
-	LHE6550SA	18,240	LHE6550SGA	23,333	4,662	325	Standard	1,099	1,709	5,085
-	LHE6640SA	20,332	LHE6640SGA	25,425	4,662	325	Standard	1,099	1,709	5,941
-	LHE6740SA	23,844	LHE6740SGA	28,937	4,662	325	Standard	1,099	1,709	5,941
-	LHE6810SA	29,097	LHE6810SGA	34,190	4,662	325	Standard	1,304	2,064	7,109
-	LHE6950SA	31,565	LHE6950SGA	36,658	4,662	325	Standard	1,304	2,064	7,109
-	LHE61020SA	32,691	LHE61020SGA	37,784	4,662	325	Standard	1,304	2,064	8,121
-	LHE61200SA	37,258	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121

Regulation Requires VFD Approved Motors!

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
-	LHE61390SA	40,773	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHE61650SB	52,547	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHE62120SB	64,263	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
-	LHL4400SA	14,899	LHL4400SGA	19,992	4,662	325	Standard	1,099	1,709	5,085
-	LHL4480SA	18,064	LHL4480SGA	23,157	4,662	325	Standard	1,099	1,709	5,085
-	LHL4560SA	19,980	LHL4560SGA	25,073	4,662	325	Standard	1,099	1,709	5,941
-	LHL4650SA	21,914	LHL4650SGA	27,007	4,662	325	Standard	1,099	1,709	5,941
-	LHL4710SA	24,007	LHL4710SGA	29,100	4,662	325	Standard	1,304	2,064	7,109
-	LHL4840SA	31,034	LHL4840SGA	36,127	4,662	325	Standard	1,304	2,064	7,109
-	LHL4890SA	32,337	LHL4890SGA	37,430	4,662	325	Standard	1,304	2,064	8,121
-	LHL41050SA	36,559	LHL41050SGA	41,652	4,662	325	Standard	1,304	2,064	8,121
-	LHL41220SA	40,425	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHL41440SB	50,790	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHL41860SB	61,451	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
Electric Defrost Models with Standard Motors - 208-230/3/60										
LHE6450CA	LHE6450SA	14,937	LHE6450SGA	20,030	4,662	325	Standard	1,099	1,709	5,085
LHE6450CPA	LHE6450SA	15,728	LHE6450SGA	20,821	4,662	325	Standard	1,099	1,709	5,085
LHE6550CA	LHE6550SA	17,220	LHE6550SGA	22,313	4,662	325	Standard	1,099	1,709	5,085
LHE6550CPA	LHE6550SA	17,996	LHE6550SGA	23,089	4,662	325	Standard	1,099	1,709	5,085
LHE6640CA	LHE6640SA	18,802	LHE6640SGA	23,895	4,662	325	Standard	1,099	1,709	5,941
LHE6640CPA	LHE6640SA	19,963	LHE6640SGA	25,056	4,662	325	Standard	1,099	1,709	5,941
LHE6740CA	LHE6740SA	22,314	LHE6740SGA	27,407	4,662	325	Standard	1,099	1,709	5,941
LHE6740CPA	LHE6740SA	23,545	LHE6740SGA	28,638	4,662	325	Standard	1,099	1,709	5,941
LHE6810CA	LHE6810SA	27,057	LHE6810SGA	32,150	4,662	325	Standard	1,304	2,064	7,109
LHE6810CPA	LHE6810SA	28,607	LHE6810SGA	33,700	4,662	325	Standard	1,304	2,064	7,109
LHE6950CA	LHE6950SA	29,525	LHE6950SGA	34,618	4,662	325	Standard	1,304	2,064	7,109
LHE6950CPA	LHE6950SA	31,103	LHE6950SGA	36,196	4,662	325	Standard	1,304	2,064	7,109
LHE61020CPA	LHE61020SA	31,806	LHE61020SGA	36,899	4,662	325	Standard	1,304	2,064	8,121
LHE61200CPA	LHE61200SA	36,373	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121
LHE61390CPA	LHE61390SA	39,888	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHE61650CPB	LHE61650SB	51,662	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHE62120CPB	LHE62120SB	63,083	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory

Regulation Requires VFD Approved Motors!

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
LHL4400CA	LHL4400SA	13,879	LHL4400SGA	18,972	4,662	325	Standard	1,099	1,709	5,085
LHL4400CPA	LHL4400SA	14,654	LHL4400SGA	19,747	4,662	325	Standard	1,099	1,709	5,085
LHL4480CA	LHL4480SA	17,044	LHL4480SGA	22,137	4,662	325	Standard	1,099	1,709	5,085
LHL4480CPA	LHL4480SA	17,835	LHL4480SGA	22,928	4,662	325	Standard	1,099	1,709	5,085
LHL4560CA	LHL4560SA	18,450	LHL4560SGA	23,543	4,662	325	Standard	1,099	1,709	5,941
LHL4560CPA	LHL4560SA	19,612	LHL4560SGA	24,705	4,662	325	Standard	1,099	1,709	5,941
LHL4650CA	LHL4650SA	20,384	LHL4650SGA	25,477	4,662	325	Standard	1,099	1,709	5,941
LHL4650CPA	LHL4650SA	21,541	LHL4650SGA	26,634	4,662	325	Standard	1,099	1,709	5,941
LHL4710CA	LHL4710SA	21,967	LHL4710SGA	27,060	4,662	325	Standard	1,304	2,064	7,109
LHL4710CPA	LHL4710SA	23,545	LHL4710SGA	28,638	4,662	325	Standard	1,304	2,064	7,109
LHL4840CA	LHL4840SA	28,994	LHL4840SGA	34,087	4,662	325	Standard	1,304	2,064	7,109
LHL4840CPA	LHL4840SA	30,573	LHL4840SGA	35,666	4,662	325	Standard	1,304	2,064	7,109
LHL4890CPA	LHL4890SA	31,452	LHL4890SGA	36,545	4,662	325	Standard	1,304	2,064	8,121
LHL41050CPA	LHL41050SA	35,674	LHL41050SGA	40,767	4,662	325	Standard	1,304	2,064	8,121
LHL41220CPA	LHL41220SA	39,540	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHL41440CPB	LHL41440SB	49,905	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHL41860CPB	LHL41860SB	60,271	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
Electric Defrost Models with Standard Motors - 460/3/60										
LHE6450DA	LHE6450SA	14,937	LHE6450SGA	20,030	4,662	325	Standard	1,099	1,709	5,085
LHE6450DPA	LHE6450SA	15,728	LHE6450SGA	20,821	4,662	325	Standard	1,099	1,709	5,085
LHE6550DA	LHE6550SA	17,220	LHE6550SGA	22,313	4,662	325	Standard	1,099	1,709	5,085
LHE6550DPA	LHE6550SA	17,996	LHE6550SGA	23,089	4,662	325	Standard	1,099	1,709	5,085
LHE6640DA	LHE6640SA	18,802	LHE6640SGA	23,895	4,662	325	Standard	1,099	1,709	5,941
LHE6640DPA	LHE6640SA	19,963	LHE6640SGA	25,056	4,662	325	Standard	1,099	1,709	5,941
LHE6740DA	LHE6740SA	22,314	LHE6740SGA	27,407	4,662	325	Standard	1,099	1,709	5,941
LHE6740DPA	LHE6740SA	23,545	LHE6740SGA	28,638	4,662	325	Standard	1,099	1,709	5,941
LHE6810DA	LHE6810SA	27,057	LHE6810SGA	32,150	4,662	325	Standard	1,304	2,064	7,109
LHE6810DPA	LHE6810SA	28,607	LHE6810SGA	33,700	4,662	325	Standard	1,304	2,064	7,109
LHE6950DA	LHE6950SA	29,525	LHE6950SGA	34,618	4,662	325	Standard	1,304	2,064	7,109
LHE6950DPA	LHE6950SA	31,103	LHE6950SGA	36,196	4,662	325	Standard	1,304	2,064	7,109
LHE61020DPA	LHE61020SA	31,806	LHE61020SGA	36,899	4,662	325	Standard	1,304	2,064	8,121
LHE61200DPA	LHE61200SA	36,373	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
LHE61390DPA	LHE61390SA	39,888	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHE61650DPB	LHE61650SB	51,662	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHE62120DPB	LHE62120SB	63,083	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
LHL4400DA	LHL4400SA	13,879	LHL4400SGA	18,972	4,662	325	Standard	1,099	1,709	5,085
LHL4400DPA	LHL4400SA	14,654	LHL4400SGA	19,747	4,662	325	Standard	1,099	1,709	5,085
LHL4480DA	LHL4480SA	17,044	LHL4480SGA	22,137	4,662	325	Standard	1,099	1,709	5,085
LHL4480DPA	LHL4480SA	17,835	LHL4480SGA	22,928	4,662	325	Standard	1,099	1,709	5,085
LHL4560DA	LHL4560SA	18,450	LHL4560SGA	23,543	4,662	325	Standard	1,099	1,709	5,941
LHL4560DPA	LHL4560SA	19,612	LHL4560SGA	24,705	4,662	325	Standard	1,099	1,709	5,941
LHL4650DA	LHL4650SA	20,384	LHL4650SGA	25,477	4,662	325	Standard	1,099	1,709	5,941
LHL4650DPA	LHL4650SA	21,541	LHL4650SGA	26,634	4,662	325	Standard	1,099	1,709	5,941
LHL4710DA	LHL4710SA	21,967	LHL4710SGA	27,060	4,662	325	Standard	1,304	2,064	7,109
LHL4710DPA	LHL4710SA	23,545	LHL4710SGA	28,638	4,662	325	Standard	1,304	2,064	7,109
LHL4840DA	LHL4840SA	28,994	LHL4840SGA	34,087	4,662	325	Standard	1,304	2,064	7,109
LHL4840DPA	LHL4840SA	30,573	LHL4840SGA	35,666	4,662	325	Standard	1,304	2,064	7,109
LHL4890DPA	LHL4890SA	31,452	LHL4890SGA	36,545	4,662	325	Standard	1,304	2,064	8,121
LHL41050DPA	LHL41050SA	35,674	LHL41050SGA	40,767	4,662	325	Standard	1,304	2,064	8,121
LHL41220DPA	LHL41220SA	39,540	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHL41440DPB	LHL41440SB	49,905	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHL41860DPB	LHL41860SB	60,271	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory

Electric Defrost Models with Standard Motors - 575/3/60

LHE6450EPA	LHE6450SA	16,040	LHE6450SGA	21,133	4,662	325	Standard	1,099	1,709	5,085
LHE6550EPA	LHE6550SA	18,356	LHE6550SGA	23,449	4,662	325	Standard	1,099	1,709	5,085
LHE6640EPA	LHE6640SA	20,361	LHE6640SGA	25,454	4,662	325	Standard	1,099	1,709	5,941
LHE6740EPA	LHE6740SA	24,015	LHE6740SGA	29,108	4,662	325	Standard	1,099	1,709	5,941
LHE6810EPA	LHE6810SA	29,179	LHE6810SGA	34,272	4,662	325	Standard	1,304	2,064	7,109
LHE6950EPA	LHE6950SA	31,722	LHE6950SGA	36,815	4,662	325	Standard	1,304	2,064	7,109
LHE61020EPA	LHE61020SA	32,441	LHE61020SGA	37,534	4,662	325	Standard	1,304	2,064	8,121
LHE61200EPA	LHE61200SA	37,100	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121
LHE61390EPA	LHE61390SA	40,688	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHE61650EPB	LHE61650SB	52,695	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHE62120EPB	LHE62120SB	64,343	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
LHL4400EPA	LHL4400SA	14,949	LHL4400SGA	20,042	4,662	325	Standard	1,099	1,709	5,085
LHL4480EPA	LHL4480SA	18,191	LHL4480SGA	23,284	4,662	325	Standard	1,099	1,709	5,085
LHL4560EPA	LHL4560SA	20,003	LHL4560SGA	25,096	4,662	325	Standard	1,099	1,709	5,941
LHL4650EPA	LHL4650SA	21,973	LHL4650SGA	27,066	4,662	325	Standard	1,099	1,709	5,941
LHL4710EPA	LHL4710SA	24,015	LHL4710SGA	29,108	4,662	325	Standard	1,304	2,064	7,109
LHL4840EPA	LHL4840SA	31,185	LHL4840SGA	36,278	4,662	325	Standard	1,304	2,064	7,109
LHL4890EPA	LHL4890SA	32,081	LHL4890SGA	37,174	4,662	325	Standard	1,304	2,064	8,121
LHL41050EPA	LHL41050SA	36,386	LHL41050SGA	41,479	4,662	325	Standard	1,304	2,064	8,121
LHL41220EPA	LHL41220SA	40,328	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
LHL41440EPB	LHL41440SB	50,902	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
LHL41860EPB	LHL41860SB	61,475	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
Electric Defrost Models with High CFM Motors - 208-230/3/60										
-	LHE6450SA	18,011	LHE6450SGA	23,104	4,662	325	Standard	1,099	1,709	5,085
-	LHE6550SA	20,294	LHE6550SGA	25,387	4,662	325	Standard	1,099	1,709	5,085
-	LHE6640SA	23,413	LHE6640SGA	28,506	4,662	325	Standard	1,099	1,709	5,941
-	LHE6740SA	26,925	LHE6740SGA	32,018	4,662	325	Standard	1,099	1,709	5,941
-	LHE6810SA	33,205	LHE6810SGA	38,298	4,662	325	Standard	1,304	2,064	7,109
-	LHE6950SA	35,673	LHE6950SGA	40,766	4,662	325	Standard	1,304	2,064	7,109
-	LHE61020SA	36,120	LHE61020SGA	41,213	4,662	325	Standard	1,304	2,064	8,121
-	LHE61200SA	40,687	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121
-	LHE61390SA	44,202	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHE61650SB	55,976	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHE62120SB	68,835	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
-	LHL4400SA	16,953	LHL4400SGA	22,046	4,662	325	Standard	1,099	1,709	5,085
-	LHL4480SA	20,118	LHL4480SGA	25,211	4,662	325	Standard	1,099	1,709	5,085
-	LHL4560SA	23,061	LHL4560SGA	28,154	4,662	325	Standard	1,099	1,709	5,941
-	LHL4650SA	24,995	LHL4650SGA	30,088	4,662	325	Standard	1,099	1,709	5,941
-	LHL4710SA	28,115	LHL4710SGA	33,208	4,662	325	Standard	1,304	2,064	7,109
-	LHL4840SA	35,142	LHL4840SGA	40,235	4,662	325	Standard	1,304	2,064	7,109
-	LHL4890SA	35,766	LHL4890SGA	40,859	4,662	325	Standard	1,304	2,064	8,121

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

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Notes:

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- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Larkin IntelliGen™ Config Model	Larkin IntelliGen™ Config. List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
					Electrical Options		Drain Pan Options	Mechanical Options		Coil Options
					Beacon II	Room TSTAT	Electric	TXV	TXV & LLSV	Bronz-Glow
-	LHL41050SA	39,988	LHL41050SGA	45,081	4,662	325	Standard	1,304	2,064	8,121
-	LHL41220SA	43,854	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHL41440SB	54,219	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHL41860SB	66,023	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory

Electric Defrost Models with High CFM Motors - 460/3/60

-	LHE6450SA	18,011	LHE6450SGA	23,104	4,662	325	Standard	1,099	1,709	5,085
-	LHE6550SA	20,294	LHE6550SGA	25,387	4,662	325	Standard	1,099	1,709	5,085
-	LHE6640SA	23,413	LHE6640SGA	28,506	4,662	325	Standard	1,099	1,709	5,941
-	LHE6740SA	26,925	LHE6740SGA	32,018	4,662	325	Standard	1,099	1,709	5,941
-	LHE6810SA	33,205	LHE6810SGA	38,298	4,662	325	Standard	1,304	2,064	7,109
-	LHE6950SA	35,673	LHE6950SGA	40,766	4,662	325	Standard	1,304	2,064	7,109
-	LHE61020SA	36,120	LHE61020SGA	41,213	4,662	325	Standard	1,304	2,064	8,121
-	LHE61200SA	40,687	LHE61200SGA	Call Factory	4,662	325	Standard	1,304	2,064	8,121
-	LHE61390SA	44,202	LHE61390SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHE61650SB	55,976	LHE61650SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHE62120SB	68,835	LHE62120SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory
-	LHL4400SA	16,953	LHL4400SGA	22,046	4,662	325	Standard	1,099	1,709	5,085
-	LHL4480SA	20,118	LHL4480SGA	25,211	4,662	325	Standard	1,099	1,709	5,085
-	LHL4560SA	23,061	LHL4560SGA	28,154	4,662	325	Standard	1,099	1,709	5,941
-	LHL4650SA	24,995	LHL4650SGA	30,088	4,662	325	Standard	1,099	1,709	5,941
-	LHL4710SA	28,115	LHL4710SGA	33,208	4,662	325	Standard	1,304	2,064	7,109
-	LHL4840SA	35,142	LHL4840SGA	40,235	4,662	325	Standard	1,304	2,064	7,109
-	LHL4890SA	35,766	LHL4890SGA	40,859	4,662	325	Standard	1,304	2,064	8,121
-	LHL41050SA	39,988	LHL41050SGA	45,081	4,662	325	Standard	1,304	2,064	8,121
-	LHL41220SA	43,854	LHL41220SGA	Call Factory	Call Factory	325	Standard	1,607	Call Factory	8,794
-	LHL41440SB	54,219	LHL41440SGB	Call Factory	4,662	325	Standard	1,304	2,275	Call Factory
-	LHL41860SB	66,023	LHL41860SGB	Call Factory	Call Factory	325	Standard	1,304	2,275	Call Factory

Regulation Requires VFD Approved Motors!

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II™ must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Call Factory to know the pricing of Double Wall Insulated Drain Pan Option.

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
Hot Gas Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60							
-	LHG6450SA	15,428	Standard	615	Call Factory	1,099	4,334
-	LHG6550SA	17,891	Standard	615	Call Factory	1,099	4,334
-	LHG6640SA	19,803	Standard	615	Call Factory	1,099	5,189
-	LHG6740SA	23,319	Standard	615	Call Factory	1,099	5,189
-	LHG6810SA	28,049	Standard	615	Call Factory	1,304	6,357
-	LHG6950SA	31,034	Standard	615	Call Factory	1,304	6,357
-	LHG61020SA	31,988	Standard	1,098	Call Factory	1,304	7,368
-	LHG61200SA	36,730	Standard	1,098	Call Factory	1,304	7,368
-	LHG61390SA	40,244	Standard	1,098	Call Factory	1,607	8,042
-	LHG61650SA	49,206	Standard	1,098	Call Factory	1,607	10,042
-	LHG62120SB	61,975	Standard	1,580	Call Factory	1,607	Call Factory
-	LHF4400SA	14,551	Standard	615	Call Factory	1,099	4,334
-	LHF4480SA	17,539	Standard	615	Call Factory	1,099	4,334
-	LHF4560SA	19,629	Standard	615	Call Factory	1,099	5,189
-	LHF4650SA	21,734	Standard	615	Call Factory	1,099	5,189
-	LHF4710SA	23,829	Standard	615	Call Factory	1,304	6,357
-	LHF4840SA	30,682	Standard	615	Call Factory	1,304	6,357
-	LHF4890SA	31,988	Standard	1,098	Call Factory	1,304	7,368
-	LHF4890SA	36,028	Standard	1,098	Call Factory	1,304	7,368
-	LHF41220SA	40,244	Standard	1,098	Call Factory	1,607	8,042
-	LHF41440SA	50,262	Standard	1,098	Call Factory	1,607	10,042
-	LHF41860SB	60,924	Standard	1,580	Call Factory	1,607	Call Factory
Hot Gas Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60							
-	LHG6450SA	15,428	Standard	615	Call Factory	1,099	4,334
-	LHG6550SA	17,891	Standard	615	Call Factory	1,099	4,334
-	LHG6640SA	19,803	Standard	615	Call Factory	1,099	5,189
-	LHG6740SA	23,319	Standard	615	Call Factory	1,099	5,189
-	LHG6810SA	28,049	Standard	615	Call Factory	1,304	6,357
-	LHG6950SA	31,034	Standard	615	Call Factory	1,304	6,357
-	LHG61020SA	31,988	Standard	1,098	Call Factory	1,304	7,368
-	LHG61200SA	36,730	Standard	1,098	Call Factory	1,304	7,368
-	LHG61390SA	40,244	Standard	1,098	Call Factory	1,607	8,042
-	LHG61650SA	49,206	Standard	1,098	Call Factory	1,607	10,042

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
-	LHG62120SB	61,975	Standard	1,580	Call Factory	1,607	Call Factory
-	LHF4400SA	14,551	Standard	615	Call Factory	1,099	4,334
-	LHF4480SA	17,539	Standard	615	Call Factory	1,099	4,334
-	LHF4560SA	19,629	Standard	615	Call Factory	1,099	5,189
-	LHF4650SA	21,734	Standard	615	Call Factory	1,099	5,189
-	LHF4710SA	23,829	Standard	615	Call Factory	1,304	6,357
-	LHF4840SA	30,682	Standard	615	Call Factory	1,304	6,357
-	LHF4890SA	31,988	Standard	1,098	Call Factory	1,304	7,368
-	LHF4890SA	36,028	Standard	1,098	Call Factory	1,304	7,368
-	LHF41220SA	40,244	Standard	1,098	Call Factory	1,607	8,042
-	LHF41440SA	50,262	Standard	1,098	Call Factory	1,607	10,042
-	LHF41860SB	60,924	Standard	1,580	Call Factory	1,607	Call Factory
Hot Gas Defrost Models with Standard Motors - 208-230/1/60							
LHG6450BA	LHG6450SA	14,407	Standard	615	Call Factory	1,099	4,334
LHG6550BA	LHG6550SA	16,869	Standard	615	Call Factory	1,099	4,334
LHF4400BA	LHF4400SA	13,532	Standard	615	Call Factory	1,099	4,334
LHF4480BA	LHF4480SA	16,518	Standard	615	Call Factory	1,099	4,334
Hot Gas Defrost Models with Standard Motors - 208-230/3/60							
LHG6450CPA	LHG6450SA	15,200	Standard	615	Call Factory	1,099	4,334
LHG6550CPA	LHG6550SA	17,659	Standard	615	Call Factory	1,099	4,334
LHG6640CA	LHG6640SA	18,273	Standard	615	Call Factory	1,099	5,189
LHG6640CPA	LHG6640SA	19,505	Standard	615	Call Factory	1,099	5,189
LHG6740CA	LHG6740SA	21,789	Standard	615	Call Factory	1,099	5,189
LHG6740CPA	LHG6740SA	23,018	Standard	615	Call Factory	1,099	5,189
LHG6810CA	LHG6810SA	26,009	Standard	615	Call Factory	1,304	6,357
LHG6810CPA	LHG6810SA	27,589	Standard	615	Call Factory	1,304	6,357
LHG6950CA	LHG6950SA	28,994	Standard	615	Call Factory	1,304	6,357
LHG6950CPA	LHG6950SA	30,573	Standard	615	Call Factory	1,304	6,357
LHG61020CPA	LHG61020SA	31,103	Standard	1,098	Call Factory	1,304	7,368
LHG61200CPA	LHG61200SA	35,845	Standard	1,098	Call Factory	1,304	7,368
LHG61390CPA	LHG61390SA	39,359	Standard	1,098	Call Factory	1,607	8,042
LHG61650CPA	LHG61650SA	48,321	Standard	1,098	Call Factory	1,607	10,042
LHG62120CPB	LHG62120SB	60,795	Standard	1,580	Call Factory	1,607	Call Factory
LHF4400CPA	LHF4400SA	14,320	Standard	615	Call Factory	1,099	4,334

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
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Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Hot Gas Defrost Models & Options

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- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
LHF4480CPA	LHF4480SA	17,312	Standard	615	Call Factory	1,099	4,334
LHF4560CA	LHF4560SA	18,099	Standard	615	Call Factory	1,099	5,189
LHF4560CPA	LHF4560SA	19,329	Standard	615	Call Factory	1,099	5,189
LHF4650CA	LHF4650SA	20,204	Standard	615	Call Factory	1,099	5,189
LHF4650CPA	LHF4650SA	21,436	Standard	615	Call Factory	1,099	5,189
LHF4710CA	LHF4710SA	21,789	Standard	615	Call Factory	1,304	6,357
LHF4710CPA	LHF4710SA	23,371	Standard	615	Call Factory	1,304	6,142
LHF4840CA	LHF4840SA	28,642	Standard	615	Call Factory	1,304	6,357
LHF4840CPA	LHF4840SA	30,219	Standard	615	Call Factory	1,304	6,357
LHF4890CPA	LHF4890SA	31,103	Standard	1,098	Call Factory	1,304	7,368
LHF41050CPA	LHF4890SA	35,143	Standard	1,098	Call Factory	1,304	7,368
LHF41220CPA	LHF41220SA	39,359	Standard	1,098	Call Factory	1,607	8,042
LHF41440CPA	LHF41440SA	49,377	Standard	1,098	Call Factory	1,607	10,042
LHF41860CPB	LHF41860SB	59,744	Standard	1,580	Call Factory	1,607	Call Factory
Hot Gas Defrost Models with Standard Motors - 460/1/60							
LHG6450MA	LHG6450SA	14,407	Standard	615	Call Factory	1,099	4,334
LHG6550MA	LHG6550SA	16,869	Standard	615	Call Factory	1,099	4,334
LHF4400MA	LHF4400SA	13,532	Standard	615	Call Factory	1,099	4,334
LHF4480MA	LHF4480SA	16,518	Standard	615	Call Factory	1,099	4,334
Hot Gas Defrost Models with Standard Motors - 460/3/60							
LHG6450DPA	LHG6450SA	15,200	Standard	615	Call Factory	1,099	4,334
LHG6550DPA	LHG6550SA	17,659	Standard	615	Call Factory	1,099	4,334
LHG6640DA	LHG6640SA	18,273	Standard	615	Call Factory	1,099	5,189
LHG6640DPA	LHG6640SA	19,505	Standard	615	Call Factory	1,099	5,189
LHG6740DA	LHG6740SA	21,789	Standard	615	Call Factory	1,099	5,189
LHG6740DPA	LHG6740SA	23,018	Standard	615	Call Factory	1,099	5,189
LHG6810DA	LHG6810SA	26,009	Standard	615	Call Factory	1,304	6,357
LHG6810DPA	LHG6810SA	27,589	Standard	615	Call Factory	1,304	6,357
LHG6950DA	LHG6950SA	28,994	Standard	615	Call Factory	1,304	6,357
LHG6950DPA	LHG6950SA	30,573	Standard	615	Call Factory	1,304	6,357
LHG61020DPA	LHG61020SA	31,103	Standard	1,098	Call Factory	1,304	7,368
LHG61200DPA	LHG61200SA	35,845	Standard	1,098	Call Factory	1,304	7,368
LHG61390DPA	LHG61390SA	39,359	Standard	1,098	Call Factory	1,607	8,042
LHG61650DPA	LHG61650SA	48,321	Standard	1,098	Call Factory	1,607	10,042

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuit Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
LHG62120DPB	LHG62120SB	60,795	Standard	1,580	Call Factory	1,607	Call Factory
LHF4400DPA	LHF4400SA	14,320	Standard	615	Call Factory	1,099	4,334
LHF4480DPA	LHF4480SA	17,312	Standard	615	Call Factory	1,099	4,334
LHF4560DA	LHF4560SA	18,099	Standard	615	Call Factory	1,099	5,189
LHF4560DPA	LHF4560SA	19,329	Standard	615	Call Factory	1,099	5,189
LHF4650DA	LHF4650SA	20,204	Standard	615	Call Factory	1,099	5,189
LHF4650DPA	LHF4650SA	21,436	Standard	615	Call Factory	1,099	5,189
LHF4710DA	LHF4710SA	21,789	Standard	615	Call Factory	1,304	6,357
LHF4710DPA	LHF4710SA	23,371	Standard	615	Call Factory	1,304	6,357
LHF4840DA	LHF4840SA	28,642	Standard	615	Call Factory	1,304	6,357
LHF4840DPA	LHF4840SA	30,219	Standard	615	Call Factory	1,304	6,357
LHF4890DPA	LHF4890SA	31,103	Standard	1,098	Call Factory	1,304	7,368
LHF41050DPA	LHF4890SA	35,143	Standard	1,098	Call Factory	1,304	7,368
LHF41220DPA	LHF41220SA	39,359	Standard	1,098	Call Factory	1,607	8,042
LHF41440DPA	LHF41440SA	49,377	Standard	1,098	Call Factory	1,607	10,042
LHF41860DPB	LHF41860SB	59,744	Standard	1,580	Call Factory	1,607	Call Factory

Hot Gas Defrost Models with Standard Motors - 575/3/60

LHG6450EPA	LHG6450SA	15,504	Standard	615	Call Factory	1,099	4,334
LHG6550EPA	LHG6550SA	18,014	Standard	615	Call Factory	1,099	4,334
LHG6640EPA	LHG6640SA	19,896	Standard	615	Call Factory	1,099	5,189
LHG6740EPA	LHG6740SA	23,481	Standard	615	Call Factory	1,099	5,189
LHG6810EPA	LHG6810SA	28,141	Standard	615	Call Factory	1,304	6,357
LHG6950EPA	LHG6950SA	31,196	Standard	615	Call Factory	1,304	6,357
LHG61020EPA	LHG61020SA	31,684	Standard	1,098	Call Factory	1,304	7,368
LHG61200EPA	LHG61200SA	36,562	Standard	1,098	Call Factory	1,304	7,368
LHG61390EPA	LHG61390SA	40,148	Standard	1,098	Call Factory	1,607	8,042
LHG61650EPA	LHG61650SA	49,290	Standard	1,098	Call Factory	1,607	10,042
LHG62120EPB	LHG62120SB	62,011	Standard	1,580	Call Factory	1,607	Call Factory
LHF4400EPA	LHF4400SA	14,607	Standard	615	Call Factory	1,099	4,334
LHF4480EPA	LHF4480SA	17,657	Standard	615	Call Factory	1,099	4,334
LHF4560EPA	LHF4560SA	19,716	Standard	615	Call Factory	1,099	5,189
LHF4650EPA	LHF4650SA	21,864	Standard	615	Call Factory	1,099	5,189
LHF4710EPA	LHF4710SA	23,838	Standard	615	Call Factory	1,304	6,357
LHF4840EPA	LHF4840SA	30,826	Standard	615	Call Factory	1,304	6,357

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
LHF4890EPA	LHF4890SA	31,722	Standard	1,098	Call Factory	1,304	7,368
LHF41050EPA	LHF41050SA	35,845	Standard	1,098	Call Factory	1,304	7,368
LHF41220EPA	LHF41220SA	40,148	Standard	1,098	Call Factory	1,607	8,042
LHF41440EPA	LHF41440SA	50,365	Standard	1,098	Call Factory	1,607	10,042
LHF41860EPB	LHF41860SB	60,937	Standard	1,580	Call Factory	1,607	Call Factory
Hot Gas Defrost Models with High CFM Motors - 208-230/3/60							
-	LHG6450SA	17,483	Standard	615	Call Factory	1,099	4,334
-	LHG6550SA	19,945	Standard	615	Call Factory	1,099	4,334
-	LHG6640SA	22,884	Standard	615	Call Factory	1,099	5,189
-	LHG6740SA	26,400	Standard	615	Call Factory	1,099	5,189
-	LHG6810SA	32,157	Standard	615	Call Factory	1,304	6,357
-	LHG6950SA	35,142	Standard	615	Call Factory	1,304	6,357
-	LHG61020SA	35,417	Standard	1,098	Call Factory	1,304	7,368
-	LHG61200SA	40,159	Standard	1,098	Call Factory	1,304	7,368
-	LHG61390SA	43,673	Standard	1,098	Call Factory	1,607	8,042
-	LHG61650SA	52,635	Standard	1,098	Call Factory	1,607	10,042
-	LHG62120SB	66,547	Standard	1,580	Call Factory	1,607	Call Factory
-	LHF4400SA	16,608	Standard	615	Call Factory	1,099	4,334
-	LHF4480SA	19,593	Standard	615	Call Factory	1,099	4,334
-	LHF4560SA	22,710	Standard	615	Call Factory	1,099	5,189
-	LHF4650SA	24,815	Standard	615	Call Factory	1,099	5,189
-	LHF4710SA	27,937	Standard	615	Call Factory	1,304	6,357
-	LHF4840SA	34,790	Standard	615	Call Factory	1,304	6,357
-	LHF4890SA	35,417	Standard	1,098	Call Factory	1,304	7,368
-	LHF4890SA	39,457	Standard	1,098	Call Factory	1,304	7,368
-	LHF41220SA	43,673	Standard	1,098	Call Factory	1,607	8,042
-	LHF41440SA	53,691	Standard	1,098	Call Factory	1,607	10,042
-	LHF41860SB	65,496	Standard	1,580	Call Factory	1,607	Call Factory
Hot Gas Defrost Models with High CFM Motors - 460/3/60							
-	LHG6450SA	17,483	Standard	615	Call Factory	1,099	4,334
-	LHG6550SA	19,945	Standard	615	Call Factory	1,099	4,334
-	LHG6640SA	22,884	Standard	615	Call Factory	1,099	5,189
-	LHG6740SA	26,400	Standard	615	Call Factory	1,099	5,189
-	LHG6810SA	32,157	Standard	615	Call Factory	1,304	6,357

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)				
			Drain Pan Options			Mechanical Options	Coil Options
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	Bronz-Glow or ElectroFin
-	LHG6950SA	35,142	Standard	615	Call Factory	1,304	6,357
-	LHG61020SA	35,417	Standard	1,098	Call Factory	1,304	7,368
-	LHG61200SA	40,159	Standard	1,098	Call Factory	1,304	7,368
-	LHG61390SA	43,673	Standard	1,098	Call Factory	1,607	8,042
-	LHG61650SA	52,635	Standard	1,098	Call Factory	1,607	10,042
-	LHG62120SB	66,547	Standard	1,580	Call Factory	1,607	Call Factory
-	LHF4400SA	16,608	Standard	615	Call Factory	1,099	4,334
-	LHF4480SA	19,593	Standard	615	Call Factory	1,099	4,334
-	LHF4560SA	22,710	Standard	615	Call Factory	1,099	5,189
-	LHF4650SA	24,815	Standard	615	Call Factory	1,099	5,189
-	LHF4710SA	27,937	Standard	615	Call Factory	1,304	6,357
-	LHF4840SA	34,790	Standard	615	Call Factory	1,304	6,357
-	LHF4890SA	35,417	Standard	1,098	Call Factory	1,304	7,368
-	LHF4890SA	39,457	Standard	1,098	Call Factory	1,304	7,368
-	LHF41220SA	43,673	Standard	1,098	Call Factory	1,607	8,042
-	LHF41440SA	53,691	Standard	1,098	Call Factory	1,607	10,042
-	LHF41860SB	65,496	Standard	1,580	Call Factory	1,607	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- Must specify which coating at time of order entry.

Section 1

Refrigerated Warehouse Unit Coolers



Large Unit Coolers

Hot Gas Reverse Cycle Kits

Need a Hot Gas Reverse Cycle Kit?

Need help? Please contact your local Sales Representative or Account Engineer for assistance.

Kits for Models with Standard Electric Pan

Larkin Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
LHG6	LHF4	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
450 - 550	400 - 480	RCK.EP-1	3,282	89910901	969
640 - 950	560 - 840	RCK.EP-2	3,282	89910902	1,110
1020	890	RCK.EP-3	3,282	89910903	1,384
1200	1050	RCK.EP-4	4,786	89910904	1,535
1390	1220	RCK.EP-5	4,786	89911101	1,710
1650 - 2120	1440 - 1860	RCK.EP-6	4,786	89911301	1,710

Notes:

- Factory-installed kits include expansion valve and TXV bypass check valve assembly. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve. Kit does not include expansion valve.

Kits for Models with Optional Hot Gas Pan

Larkin Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
LHG6	LHF4	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
450 - 550	400 - 480	RCK.HGP-1	5,020	89910905	2,400
640 - 950	560 - 840	RCK.HGP-2	5,635	89910906	3,048
1020	890	RCK.HGP-3	5,898	89910907	3,323
1200	1050	RCK.HGP-4	6,566	89910908	3,737
1390	1220	RCK.HGP-5	8,863	89911102	5,861
1650	1440	RCK.HGP-6	9,423	89911302	6,452
2120	1860	RCK.HGP-7	9,440	89911303	6,472

Notes:

- Factory installed kits included expansion valve, TXV Bypass check valve assembly, suction check valve assembly, and drain pan check valve assembly. Kit does not include hot gas pan price. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve, one check valve and piping for drain pan assembly and one check valve and piping for suction assembly. Kit does not include Hot gas pan pricing. Kit does not include expansion valve.



Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
Extended Throw			
89910701	Collar for Air Throw (24" fan)	535	Must be used with wire fan guards. Must order 1 per fan.
89904401	Collar for Air Throw (30" fan)	713	Must be used with wire fan guards. Must order 1 per fan.
Defrost Controls			
21340101	Electric Defrost Timer (60 Hz)	362	-
5505-R	30-Amp Contactor	387	Use as fan or heater contactor
5738-N	50-Amp Contactor	440	Use Interlink part 2252340
Check Valves			
5731F	1 5/8" Suction Line Check Valve	881	-
2933034	2 1/8" Suction Line Check Valve	1,805	-
2933042	2 5/8" Suction Line Check Valve	2,078	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	157	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	171	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	203	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	311	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	573	-
Heat Exchangers			
24200009	Heat Exchanger used on 520 - 630 Air Defrost Models, 450 - 550 Electric & Hot Gas Defrost Models (6 FPI), and 400 - 480 Electric & Hot Gas Defrost Models (4.5 FPI)	605	7/8" Liquid Connection OD, 1 5/8" Suction Connection OD, 16" Length, 4lbs Approx. Ship Wt.
24200010	Heat Exchanger used on 750 - 850 Air Defrost Models	929	7/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 17" Length, 6lbs Approx. Ship Wt.
24200011	Heat Exchanger used on 930 - 1400 Air Defrost Models, 640 Electric & Hot Gas Defrost Models (6 FPI), and 560 - 650 Electric & Hot Gas Defrost Models (4.5 FPI)	1,275	7/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 25" Length, 8lbs Approx. Ship Wt.
24200012	Heat Exchanger used on 740 - 1390 Electric & Hot Gas Defrost Models (6 FPI), and 710 - 1220 Electric & Hot Gas Defrost Models (4.5 FPI)	1,496	1 1/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 27" Length, 9lbs Approx. Ship Wt.
24200013	Heat Exchanger used on 1610 - 2440 Air Defrost Models	1,608	1 1/8" Liquid Connection OD, 2 5/8" Suction Connection OD, 28" Length, 10lbs Approx. Ship Wt.
24200015	Heat Exchanger used on 2500 - 2780 Air Defrost Models, 1650 - 2120 Electric & Hot Gas Defrost Models (6 FPI), and 1440 - 1860 Electric & Hot Gas Defrost Models (4.5 FPI)	2,169	1 3/8" Liquid Connection OD, 2 5/8" Suction Connection OD, 32" Length, 10lbs Approx. Ship Wt.

Section 1

Large Unit Coolers

Shipped-Loose Accessories

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV036	359	24,000 BTUH to 36,000 BTUH
TXV060	583	36,000 BTUH to 60,000 BTUH
TXV120	738	60,000 BTUH to 120,000 BTUH
TXV360	930	120,000 BTUH to 360,000 BTUH
TXV540	1,350	360,000 BTUH to 540,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
5766Y	371	1/2	51,000 BTUH to 72,000 BTUH	44,000 BTUH to 62,000 BTUH
5768Y	492	5/8	72,000 BTUH to 144,000 BTUH	62,000 BTUH to 120,000 BTUH
5804E	608	7/8	144,000 BTUH to 216,000 BTUH	120,000 BTUH to 185,000 BTUH
5803E	760	1 1/8	216,000 BTUH to 380,000 BTUH	185,000 BTUH to 315,000 BTUH
29318011	371	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	371	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH
2930117 (120V)	1,096	1 3/8	380,000 BTUH to 652,000 BTUH	315,000 BTUH to 540,000 BTUH
2930104	1,096	1 3/8	380,000 BTUH to 652,000 BTUH	315,000 BTUH to 540,000 BTUH

Low Profile

Overview



Product Description

Low profile glycol unit coolers, are available in air, electric, or warm fluid defrost. These units are designed to offer an environmentally-friendly product that provides maximum capacity while occupying a minimum amount of space inside a walk-in cooler or freezer. These units are ideal for many applications including restaurants and convenience stores. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- Cabinet design features front access panels on each side for easy access to electrical and refrigeration components
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Pre-drilled holes on the back of the unit for room thermostat
- Coil heater slots have been enlarged for easier installation and replacement
- On 4-6 fan models, drain pan has a lanyard for easy and safe access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Attractive white cabinet

Performance

- Internal panels are isolated for quiet operation
- Internally enhanced tubing and fin design for higher efficiency
- Reduced heater wattages
- Adjustable defrost termination for warm fluid defrost models
- Extended drain pan heaters for more uniform defrost throughout the drain pan and additional heat in end compartments

Versatile

- Large diameter drain hole (3/4" ID) is located on the back of the unit
- Minimal height of the low profile series makes it ideal for low ceiling coolers

Nomenclature

LCA6	G	0400	A	K
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
LCA6 = Larkin Low Profile, Air Defrost LCE6 = Larkin Low Profile, Electric Defrost LCH6 = Larkin Low Profile, Warm Fluid Defrost	G = Glycol	BTUH/ITD	AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) CE = 208-230/3/60 (EC) M = 460/1/60 S = Configurable	

Section 1

Glycol Unit Coolers



Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory - Installed Options List Price Adders (\$US)		
				Coil Options		
				Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60						
-	LCA6G0400SB	3,057	2	761	1,137	1,749
-	LCA6G0475SB	3,179	2	761	1,137	1,749
-	LCA6G0525SB	3,522	2	761	1,137	1,749
-	LCA6G0725SB	4,747	3	1,112	1,160	1,749
-	LCA6G0900SB	6,272	4	Call Factory	1,185	1,749
-	LCA6G1000SB	7,827	5	Call Factory	1,213	2,087
-	LCA6G1300SB	8,124	5	Call Factory	1,213	2,087
-	LCA6G1475SB	9,027	6	Call Factory	1,236	2,322
Air Defrost Models with EC Motors - 208-230/1/60						
-	LCA6G0400SB	3,135	2	761	1,137	1,749
-	LCA6G0475SB	3,255	2	761	1,137	1,749
-	LCA6G0525SB	3,594	2	761	1,137	1,749
-	LCA6G0725SB	4,863	3	1,112	1,160	1,749
-	LCA6G0900SB	7,024	4	Call Factory	1,185	1,749
-	LCA6G1000SB	8,741	5	Call Factory	1,213	2,087
-	LCA6G1300SB	9,038	5	Call Factory	1,213	2,087
-	LCA6G1475SB	10,061	6	Call Factory	1,236	2,322
Air Defrost Models with PSC Motors - 460/1/60						
-	LCA6G0400SB	3,010	2	761	1,137	1,749
-	LCA6G0475SB	3,131	2	761	1,137	1,749
-	LCA6G0525SB	3,468	2	761	1,137	1,749
-	LCA6G0725SB	4,555	3	1,112	1,160	1,749
-	LCA6G0900SB	6,532	4	Call Factory	1,185	1,749
-	LCA6G1000SB	8,066	5	Call Factory	1,213	2,087
-	LCA6G1300SB	8,362	5	Call Factory	1,213	2,087
-	LCA6G1475SB	9,201	6	Call Factory	1,236	2,322

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.



Glycol Unit Coolers

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				Bronz-Glow	
Electric Defrost Models with EC Motors - 208-230/1/60					
-	LCE6G0400BEB	4,250	2		1,749
-	LCE6G0475BEB	4,311	2		1,749
-	LCE6G0525BEB	4,499	2		1,749
-	LCE6G0725BEB	5,935	3		1,749
-	LCE6G0900BEB	7,710	4		1,749
-	LCE6G1000BEB	9,563	5		2,087
-	LCE6G1300BEB	9,861	5		2,087
-	LCE6G1475BEB	10,883	6		2,322
Electric Defrost Models with EC Motors - 208-230/3/60					
-	LCE6G0400SB	4,539	2		1,749
-	LCE6G0475SB	4,602	2		1,749
-	LCE6G0525SB	4,788	2		1,749
-	LCE6G0725SB	6,224	3		1,749
-	LCE6G0900SB	7,997	4		1,749
-	LCE6G1000SB	9,852	5		2,087
-	LCE6G1300SB	10,150	5		2,087
-	LCE6G1475SB	11,173	6		2,322
Electric Defrost Models with PSC Motors - 460/1/60					
-	LCE6G0400MB	4,445	2		1,749
-	LCE6G0475MB	4,507	2		1,749
-	LCE6G0525MB	4,695	2		1,749
-	LCE6G0725MB	5,945	3		1,749
-	LCE6G0900MB	7,536	4		1,749
-	LCE6G1000MB	9,206	5		2,087
-	LCE6G1300MB	9,502	5		2,087
-	LCE6G1475MB	10,342	6		2,322

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent & drain valves, heater limit thermostats and adjustable defrost termination fan delay.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.

Glycol Unit Coolers



Low Profile

Warm Fluid Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				Coated Coil (Black)	Bronz-Glow or ElectroFin
Warm Fluid Defrost Models with EC Motors - 115/1/60					
-	LCH6G0475SB	4,259	2	761	1,749
-	LCH6G0525SB	4,784	2	761	1,749
-	LCH6G0725SB	6,515	3	1,112	1,749
-	LCH6G0900SB	7,237	4	1,398	1,881
-	LCH6G1300SB	8,714	5	1,548	2,087
-	LCH6G1475SB	10,327	6	1,762	2,322
Warm Fluid Defrost Models with EC Motors - 208-230/1/60					
-	LCH6G0475SB	4,705	2	761	1,749
-	LCH6G0525SB	5,230	2	761	1,749
-	LCH6G0725SB	6,960	3	1,112	1,749
-	LCH6G0900SB	8,116	4	1,398	1,881
-	LCH6G1300SB	9,763	5	1,548	2,087
-	LCH6G1475SB	11,798	6	1,762	2,322
Warm Fluid Defrost Models with PSC Motors - 460/1/60					
-	LCH6G0475SB	4,580	2	761	1,749
-	LCH6G0525SB	5,105	2	761	1,749
-	LCH6G0725SB	6,652	3	1,112	1,749
-	LCH6G0900SB	7,623	4	1,398	1,881
-	LCH6G1300SB	9,086	5	1,548	2,087
-	LCH6G1475SB	10,937	6	1,762	2,322

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

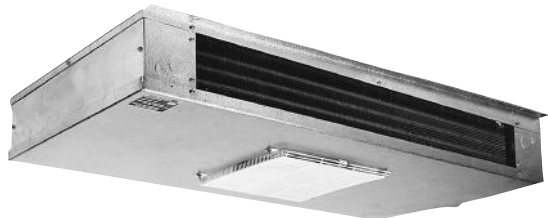
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- All Warm Fluid Defrost Models have Fan Defrost Control included
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.

Low Velocity Center Mount

Overview



Product Description

Low velocity glycol center mount units, are available in air, electric, or warm fluid defrost. These units are designed to offer an environmentally friendly product that is ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The generous coil surface combined with close T.D. system balance provides high humidity characteristics to minimize product shrinkage and drying. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Cabinet design features access panels on each end for easy access to electrical and refrigeration components
- Fan panel is lightweight and can easily be lowered for easy servicing and installation

Reliable & Durable

- Heavy gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Sweat connections to reduce potential for leaks
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating
- Motor rail is design for maximum strength and durability

Performance

- Internally enhanced tubing and fin design for higher efficiency
- All warm-fluid defrost models have heater/fan control factory set and wired
- All electric defrost models include defrost termination thermostats
- Motors are life lubricated and thermal overload protected

Versatile

- Low height makes it ideal for low ceiling coolers - larger models are only 15 inches tall, allowing for maximum headroom and more product storage
- Unit designed to be mounted flush against the ceiling or suspended on rods

Nomenclature

LWA	G	0400	A	C
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
LWA = Larkin Low Velocity Center Mount, Air defrost	G = Glycol	BTUH/ITD	AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) M = 460/1/60 S = Configurable	
LWG = Larkin Low Velocity Center Mount, Warm Fluid defrost				
LWE = Larkin Low Velocity Center Mount, Electric Defrost				

Glycol Unit Coolers



Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60					
-	LWAG0330SC	3,965	1	1,114	2,230
-	LWAG0425SC	4,742	1	1,114	2,230
-	LWAG0700SC	5,800	2	1,643	2,230
-	LWAG0875SC	7,273	2	1,643	3,632
-	LWAG0975SC	7,595	2	1,643	3,632
-	LWAG1025SC	9,510	3	2,239	3,632
-	LWAG1225SC	9,926	3	2,239	4,317
-	LWAG1450SC	11,236	4	2,608	4,317
-	LWAG1650SC	14,728	5	3,540	5,001
Air Defrost Models with EC Motors - 208-230/1/60					
-	LWAG0330SC	4,379	1	1,114	2,230
-	LWAG0425SC	5,235	1	1,114	2,230
-	LWAG0700SC	6,367	2	1,643	2,230
-	LWAG0875SC	7,963	2	1,643	3,632
-	LWAG0975SC	8,370	2	1,643	3,632
-	LWAG1025SC	10,430	3	2,239	3,632
-	LWAG1225SC	10,847	3	2,239	4,317
-	LWAG1450SC	12,364	4	2,608	4,317
-	LWAG1650SC	16,181	5	3,540	5,001

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.



Glycol Unit Coolers

Low Velocity Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				Bronz-Glow	
Electric Defrost Models with EC Motors - 208-230/1/60					
-	LWEG0330SC	5,402	1	2,230	
-	LWEG0425SC	6,216	1	2,230	
-	LWEG0700SC	7,565	2	2,230	
-	LWEG0875SC	9,099	2	3,632	
-	LWEG0975SC	9,467	2	3,632	
-	LWEG1025SC	11,707	3	3,632	
-	LWEG1225SC	12,124	3	4,317	
-	LWEG1450SC	13,791	4	4,317	
-	LWEG1650SC	17,700	5	5,001	

Federal Regulation Requires EC Motors

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent & drain valves, heater limit thermostats and adjustable defrost termination fan delay.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.

Section 1

Low Velocity Center Mount

Warm Fluid Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options	
				List Price Adders (\$US)	
				Coil Options	
Bronz-Glow or ElectroFin					
Warm Fluid Defrost Models with EC Motors - 115/1/60					
-	LWGG0700SC	6,121	2	2,230	
-	LWGG0875SC	7,718	2	3,632	
-	LWGG0975SC	8,065	2	3,632	
-	LWGG1025SC	10,292	3	3,632	
-	LWGG1225SC	10,747	3	4,317	
-	LWGG1450SC	12,286	4	4,317	
-	LWGG1650SC	16,264	5	5,001	
Warm Fluid Defrost Models with EC Motors - 208-230/1/60					
-	LWGG0700SC	6,736	2	2,230	
-	LWGG0875SC	8,408	2	3,632	
-	LWGG0975SC	8,754	2	3,632	
-	LWGG1025SC	11,364	3	3,632	
-	LWGG1225SC	11,820	3	4,317	
-	LWGG1450SC	13,459	4	4,317	
-	LWGG1650SC	17,952	5	5,001	

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- All Warm Fluid Defrost Models have Fan Defrost Control included.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.

Center Mount

Overview



Product Description

Center mount glycol unit coolers are available in air defrost. They are ideal for tight storage situations because they are ceiling mount and have a height of only 8 - 5/8" allowing for maximum headroom in a cooler or freezer. The center mount design allows for product to be stacked all around while air flow distributes evenly throughout the box. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- Panels on ends quickly remove for complete access to refrigerant components and electrical terminal block during installation and servicing
- Tapered mounting provides proper slope for condensate drainage to one end of the unit

Reliable & Durable

- Heavy-gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating

Performance

- Quick disconnect, waterproof plug and receptacle for each motor in all models
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Highest quality tubular heaters provide fast and economical defrost
- Motors are life lubricated and thermal overload protected
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler

Versatile

- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls

Nomenclature

ACM	G	475	A	E
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
ACM = Larkin Center Mount, Air Defrost	G = Glycol	BTUH/ITD	AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	

Section 1

Glycol Unit Coolers



Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory - Installed Options List Price Adders (\$US)		
				Coil Options		
				Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60						
-	ACMG475SE	3,582	2	734	893	2,230
-	ACMG525SE	3,933	2	1,008	893	2,230
-	ACMG550SE	4,418	2	1,008	893	2,230
-	ACMG575SE	4,571	2	1,008	893	2,356
-	ACMG600SE	5,042	3	Call Factory	1,268	2,356
-	ACMG625SE	5,595	3	Call Factory	1,268	2,511
-	ACMG775SE	6,112	3	Call Factory	1,268	2,638
-	ACMG800SE	6,894	4	Call Factory	1,578	2,789
-	ACMG925SE	7,138	4	Call Factory	1,578	3,028
-	ACMG975SE	7,521	4	Call Factory	1,578	3,225
-	ACMG1050SE	9,310	5	Call Factory	2,032	3,660
Air Defrost Models with EC Motors - 208-230/1/60						
-	ACMG475SE	3,797	2	734	893	2,230
-	ACMG525SE	4,148	2	1,008	893	2,230
-	ACMG550SE	4,635	2	1,008	893	2,230
-	ACMG575SE	4,787	2	1,008	893	2,356
-	ACMG600SE	5,306	3	Call Factory	1,268	2,356
-	ACMG625SE	5,849	3	Call Factory	1,268	2,511
-	ACMG775SE	6,365	3	Call Factory	1,268	2,638
-	ACMG800SE	7,189	4	Call Factory	1,578	2,789
-	ACMG925SE	7,430	4	Call Factory	1,578	3,028
-	ACMG975SE	7,814	4	Call Factory	1,578	3,225
-	ACMG1050SE	9,642	5	Call Factory	2,032	3,660

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.

Medium Profile

Overview



Product Description

Medium profile glycol unit coolers are available in air defrost models. These units are designed to offer an environmentally-friendly product and are ideal for numerous commercial and industrial applications. With a modular design that is only 25 inches high, these units provide superior quality and a long, dependable life to many different applications. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Front hinged drain pan for easy access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- White painted aluminum cabinet
- Sweat connections to reduce potential for leaks
- Patented Thermo-Flex™ coil design allows the coil to “flex” during periods of defrost resulting in expansion of the coil surface comes with a 5-year warranty
- Heavy plastic molded fan guards for extended air flow
- Thermally protected, lifetime-lubricated single phase PSC motors

Performance

- Internal panels are isolated for quiet operation
- PSC motors

Versatile

- Large diameter drain fitting (3/4" ID)
- Different motor and voltage options available

Nomenclature

MMT6	G	0400	A	A
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
MMT6= Larkin Medium Profile, Air Defrost	G = Glycol	BTUH/ITD	A = 115/1/60 B = 208-230/1/60 M = 460/1/60 L = 575/1/60 S = Configurable	

Glycol Unit Coolers



Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)		
				Coil Options		
				Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with EC Motors - 115/1/60						
-	MMT6G0900SA	5,756	1	1,429	1,230	1,948
-	MMT6G1100SA	8,087	2	Call Factory	1,297	2,629
-	MMT6G1275SA	9,992	2	Call Factory	1,297	2,756
-	MMT6G1600SA	10,424	2	Call Factory	1,297	2,756
-	MMT6G1700SA	12,744	3	Call Factory	1,367	3,336
-	MMT6G1900SA	13,279	3	Call Factory	1,367	3,336
-	MMT6G2175SA	15,308	3	Call Factory	1,367	3,336
-	MMT6G2400SA	18,058	4	Call Factory	1,428	4,043
-	MMT6G2425SA	18,513	4	Call Factory	1,428	4,043
-	MMT6G2850SA	19,303	4	Call Factory	1,428	4,043
Air Defrost Models with EC Motors - 208-230/1/60						
-	MMT6G0900SA	5,903	1	1,429	1,230	1,948
-	MMT6G1100SA	8,363	2	Call Factory	1,297	2,629
-	MMT6G1275SA	10,266	2	Call Factory	1,297	2,756
-	MMT6G1600SA	10,701	2	Call Factory	1,297	2,756
-	MMT6G1700SA	13,165	3	Call Factory	1,367	3,336
-	MMT6G1900SA	13,711	3	Call Factory	1,367	3,336
-	MMT6G2175SA	15,739	3	Call Factory	1,367	3,336
-	MMT6G2400SA	18,616	4	Call Factory	1,428	4,043
-	MMT6G2425SA	19,076	4	Call Factory	1,428	4,043
-	MMT6G2850SA	19,868	4	Call Factory	1,428	4,043
Air Defrost Models with PSC Motors - 208-230/1/60						
-	MMT6G0900SA	5,191	1	1,429	1,230	1,948
-	MMT6G1100SA	6,939	2	Call Factory	1,297	2,629
-	MMT6G1275SA	8,842	2	Call Factory	1,297	2,756
-	MMT6G1600SA	9,277	2	Call Factory	1,297	2,756
-	MMT6G1700SA	11,029	3	Call Factory	1,367	3,336
-	MMT6G1900SA	11,575	3	Call Factory	1,367	3,336
-	MMT6G2175SA	13,603	3	Call Factory	1,367	3,336
-	MMT6G2400SA	15,768	4	Call Factory	1,428	4,043
-	MMT6G2425SA	16,228	4	Call Factory	1,428	4,043
-	MMT6G2850SA	17,020	4	Call Factory	1,428	4,043
-	MMT6G3100SA	18,565	5	Call Factory	1,466	4,695

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.



Glycol Unit Coolers

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Larkin Standard Model	Larkin Config Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)		
				Coil Options		
				Coated Coil (Black)	ProKote™ Fin Protection	Bronz-Glow or ElectroFin
Air Defrost Models with PSC Motors - 460/1/60						
-	MMT6G0900SA	5,364	1	1,429	1,230	1,948
-	MMT6G1100SA	7,302	2	Call Factory	1,297	2,629
-	MMT6G1275SA	9,203	2	Call Factory	1,297	2,756
-	MMT6G1600SA	9,638	2	Call Factory	1,297	2,756
-	MMT6G1700SA	11,562	3	Call Factory	1,367	3,336
-	MMT6G1900SA	12,103	3	Call Factory	1,367	3,336
-	MMT6G2175SA	14,131	3	Call Factory	1,367	3,336
-	MMT6G2400SA	16,484	4	Call Factory	1,428	4,043
-	MMT6G2425SA	16,939	4	Call Factory	1,428	4,043
-	MMT6G2850SA	17,732	4	Call Factory	1,428	4,043
-	MMT6G3100SA	19,595	5	Call Factory	1,466	4,695
Air Defrost Models with PSC Motors - 575/1/60						
-	MMT6G0900SA	5,447	1	1,429	1,230	1,948
-	MMT6G1100SA	7,446	2	Call Factory	1,297	2,629
-	MMT6G1275SA	9,286	2	Call Factory	1,297	2,756
-	MMT6G1600SA	9,720	2	Call Factory	1,297	2,756
-	MMT6G1700SA	11,797	3	Call Factory	1,367	3,336
-	MMT6G1900SA	12,371	3	Call Factory	1,367	3,336
-	MMT6G2175SA	14,402	3	Call Factory	1,367	3,336
-	MMT6G2400SA	16,799	4	Call Factory	1,428	4,043
-	MMT6G2425SA	17,271	4	Call Factory	1,428	4,043
-	MMT6G2850SA	18,063	4	Call Factory	1,428	4,043
-	MMT6G3100SA	19,971	5	Call Factory	1,466	4,695

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 103 for available shipped-loose Balance Valve and Shut-off Valve options.
- Must specify which coating at time of order entry.

Shipped-Loose Accessories

Balance & Shut-Off Valves

Balance and shut-off valves must be selected by GPM rating and not valve size. In order to calculate the proper GPM rating for your glycol unit cooler, please contact your local Sales Representative or Account Engineer for assistance.

GPM	Balance Valve Size	Part Number		List Price (\$US)
		Balance Valve	Shut-off Valve	
0 - 3.0	1/2" (0.84" OD)	29320305	29320405	441
3.1 - 8.7	3/4" (1.05" OD)	29320304	29320404	507
8.8 - 14.0	1" (1.315" OD)	29320301	29320401	628
14.1 - 20.0	1-1/4" (1.66" OD)	29320302	29320402	865
20.1 - 25	1-1/2" (1.90" OD)	29320303	29320403	895

Notes:

- Balance Valve and Shut-off Valve are sold together.
- Secondary loop selection program must be used to calculate the required GPM rating for the glycol unit cooler before selecting the appropriate balance and shut-off valves



Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge

Overview



Product Description

The 1/2 through 6 HP line of air-cooled condensing units with HyperCore™ microchannel coil technology is ideal for convenience store, restaurant and other commercial applications. Available with hermetic, Scroll®, or semi-hermetic compressors and indoor or outdoor models, this line is a good fit for many applications.

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Cabinet & Construction

- HyperCore microchannel coil technology standard on most models.
- Painted steel cabinets for superior strength and corrosion protection
- Heavy duty steel raised base with 1-1/2" legs
- Fan guards and wiring conduit on indoor models

Serviceability

- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations. Semi-hermetic compressor models have a suction valve on the compressor and an access fitting on the suction line entering the cabinet.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard
- Large electrical panel for ease of access
- Prefabricated wiring harnesses for tight crimp connections and consistent labeling
- Unit stays on if the hood is removed for servicing
- Sight glass is easily viewable

Quality

- All units are completely leak tested in a helium environment, bump tested and allowed to cycle off on the high and low pressure control. Each unit has a copy of the run data shipped inside the electrical panel
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate leaks
- Encapsulated, auto-reset, high and low pressure controls to eliminate leaks (adjustable low pressure control standard on low temperature, extended medium temperature and medium temperature scroll models.)

Components

Fan

- Specifically matched with motor and coil to attain maximum air movement and cooling

Motor

- Rated for 50 and 60 cycle application
- Standard PSC or optional Variable Speed EC (VSEC) with Orbus™ Controller

Compressor

- Wide variety of compressors including: hermetic, semi-hermetic and scroll. R-404A/507, R407A, R407C, R407F, R448A, and R449A available for both medium and low temperature applications
- Spring-mounted compressors with vibration eliminators on all 1-1/2 to 6 HP semi-hermetic compressors; 1/2 to 1 HP compressors are rigid mounted and have a discharge loop
- Discharge service valves come standard on all units including hermetics

Nomenclature

L	Z	T	X	10	M	6	C	-
Model	Compressor	Application	Manufacture	Equiv. HP	Temperature	Refrigerant	Voltage	Identifier
L = Larkin	H = Hermetic S = Semi-Hermetic Z = Scroll	S = IntelliGen™/Beacon II™ T = Outdoor N = Indoor	X = LG O = Copeland	05 = 1/2 HP 08/09 = 3/4 HP 10,11 = 1 HP 1* = 1-1/2 HP 2* = 2 HP 3* = 3HP 4* = 4 HP 5* = 5 HP 60 = 6 HP	H = High L = Low M = Medium E = Extra Low X = Extended Medium	6 = R-404A/ R-507A, R-407A/F, R-407C, R-448A/ R-449A	B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60	Blank = Configurable Model F = Stockable Model FM = Stockable Model with No Accumulator FMT = Stockable Model with Timer and No Accumulator

Section 2

Air-Cooled Condensing Units



1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for M6, & H6 models.
- Adjustable low pressure control for L6 & X6 models
- Liquid-line drier assembly
- Electric defrost timer on 011-035L6 and electric defrost kit on 040-060L6

Configurable Models

Outdoor (T)

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for M6, & H6 models.
- Adjustable low pressure control for L6, X6 and Scroll M6 models

Indoor (N)

- No cabinet hood
- Fan guards
- Wiring conduit
- Fixed low pressure control for H2, M6, & H6 models.
- Adjustable low pressure control for L6, X6 and Scroll M6 models

intelliGen™ / Beacon II™

- Outdoor Unit with hood
- Head pressure control valve
- Wired for intelliGen™ / Beacon II™ control
- intelliGen™ / Beacon II™ fan cycling for two fan units only

Need to customize? Look at the factory-installed options starting on page 113.

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Hermetic High Temperature (R-404A/507)										
LHT005H6BF	6,342	LHT005H6B	5,777	LHN005H6B	4,585	LHS005H6B	6,255	208-230/1/60	A	-
LHT009H6BF	6,851	LHT009H6B	6,286	LHN009H6B	4,838	LHS009H6B	6,761	208-230/1/60	A	-
LHT010H6BF	7,210	LHT010H6B	6,645	LHN010H6B	5,195	LHS010H6B	7,121	208-230/1/60	A	See footnote 1
LHT010H6CF	7,123	LHT010H6C	6,558	LHN010H6C	5,271	LHS010H6C	7,033	208-230/3/60	A	See footnote 1
LHT015H6BF	7,822	LHT015H6B	7,257	LHN015H6B	5,798	LHS015H6B	8,148	208-230/1/60	B	-
LHT015H6CF	7,796	LHT015H6C	7,231	LHN015H6C	5,774	LHS015H6C	8,119	208-230/3/60	B	-
LHT025H6BF	8,592	LHT025H6B	8,027	LHN025H6B	6,863	LHS025H6B	8,751	208-230/1/60	B	-
LHT025H6CF	8,391	LHT025H6C	7,826	LHN025H6C	6,705	LHS025H6C	8,549	208-230/3/60	B	-
LHT032H6BF	9,480	LHT032H6B	8,825	LHN032H6B	7,773	LHS032H6B	9,301	208-230/1/60	D	-
LHT032H6CF	9,281	LHT032H6C	8,626	LHN032H6C	7,570	LHS032H6C	9,102	208-230/3/60	D	-
Hermetic Extended Temperature (R-404A/507, R407C, R448A, and R449A)										
LHT005X6BFM	6,510	LHT005X6B	5,945	LHN005X6B	4,754	LHS005X6B	6,421	208-230/1/60	A	See footnote 2
LHT008X6BFM	6,568	LHT008X6B	6,003	LHN008X6B	4,795	LHS008X6B	6,479	208-230/1/60	A	See footnote 2
LHT009X6BFM	7,018	LHT009X6B	6,453	LHN009X6B	5,006	LHS009X6B	6,928	208-230/1/60	A	See footnote 2
LHT010X6BFM	7,378	LHT010X6B	6,813	LHN010X6B	5,361	LHS010X6B	7,288	208-230/1/60	A	See footnote 1, 2
LHT010X6CFM	7,288	LHT010X6C	6,723	LHN010X6C	5,271	LHS010X6C	7,199	208-230/3/60	A	See footnote 1, 2
LHT005X6BFMT	7,112	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
LHT008X6BFMT	7,170	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
LHT009X6BFMT	7,620	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
LHT010X6BFMT	7,980	-	-	-	-	-	-	208-230/1/60	A	See footnote 1, 3
LHT010X6CFMT	7,890	-	-	-	-	-	-	208-230/3/60	A	See footnote 1, 3
Hermetic Extended/Medium Temperature (R-404A/507)										
LHT015X6BFM	7,990	LHT015X6B	7,425	LHN015X6B	5,964	LHS015X6B	8,314	208-230/1/60	B	See footnote 2
LHT015X6CFM	7,963	LHT015X6C	7,398	LHN015X6C	5,941	LHS015X6C	8,287	208-230/3/60	B	See footnote 2
LHT020X6BFM	8,419	LHT020X6B	7,854	LHN020X6B	6,392	LHS020X6B	8,745	208-230/1/60	B	See footnote 2
LHT020X6CFM	8,585	LHT020X6C	8,020	LHN020X6C	6,562	LHS020X6C	8,908	208-230/3/60	B	See footnote 2
LHT025X6BFM	9,099	LHT025X6B	8,534	LHN025X6B	7,031	LHS025X6B	8,919	208-230/1/60	B	See footnote 2

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.



Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LHT025X6CFM	8,939	LHT025X6C	8,374	LHN025X6C	6,872	LHS025X6C	8,717	208-230/3/60	B	See footnote 2
-	-	LHT025X6D	9,379	LHN025X6D	7,875	LHS025X6D	9,740	460/3/60	B	See footnote 2
LHT030X6BFM	9,135	LHT030X6B	8,480	LHN030X6B	7,426	LHS030X6B	8,956	208-230/1/60	D	See footnote 2
LHT030X6CFM	8,935	LHT030X6C	8,280	LHN030X6C	7,229	LHS030X6C	8,753	208-230/3/60	D	See footnote 2
-	-	LHT030X6D	9,302	LHN030X6D	8,251	LHS030X6D	9,778	460/3/60	D	See footnote 2
LHT032X6BFM	9,648	LHT032X6B	8,993	LHN032X6B	7,942	LHS032X6B	9,468	208-230/1/60	D	See footnote 2
LHT032X6CFM	9,448	LHT032X6C	8,793	LHN032X6C	7,738	LHS032X6C	9,269	208-230/3/60	D	See footnote 2
-	-	LHT032X6D	9,839	LHN032X6D	8,789	LHS032X6D	10,317	460/3/60	D	See footnote 2
LHT015X6BFMT	8,592	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
LHT015X6CFMT	8,565	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
LHT020X6BFMT	9,021	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
LHT020X6CFMT	9,187	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
LHT025X6BFMT	9,701	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
LHT025X6CFMT	9,541	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
LHT030X6BFMT	9,737	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
LHT030X6CFMT	9,537	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
LHT032X6BFMT	10,250	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
LHT032X6CFMT	10,050	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
Hermetic Low Temperature (R-404A/507)										
LHT011L6BF	7,786	LHT011L6B	6,619	LHN011L6B	5,405	LHS011L6B	7,095	208-230/1/60	A	-
LHT011L6CF	7,916	LHT011L6C	6,749	LHN011L6C	5,510	LHS011L6C	7,223	208-230/3/60	A	-
LHT014L6BF	7,816	LHT014L6B	6,649	LHN014L6B	5,439	LHS014L6B	7,125	208-230/1/60	A	-
LHT014L6CF	7,965	LHT014L6C	6,798	LHN014L6C	5,567	LHS014L6C	7,275	208-230/3/60	A	-
LHT019L6BF	8,180	LHT019L6B	7,013	LHN019L6B	5,678	LHS019L6B	7,695	208-230/1/60	B	-
LHT019L6CF	8,434	LHT019L6C	7,267	LHN019L6C	5,918	LHS019L6C	7,935	208-230/3/60	B	-
LHT025L6BF	8,540	LHT025L6B	7,373	LHN025L6B	5,912	LHS025L6B	8,262	208-230/1/60	B	-
LHT025L6CF	8,902	LHT025L6C	7,735	LHN025L6C	6,269	LHS025L6C	8,623	208-230/3/60	B	-
LHT031L6BF	11,248	LHT031L6B	9,991	LHN031L6B	8,997	LHS031L6B	10,883	208-230/1/60	C	-
LHT031L6CF	11,401	LHT031L6C	10,144	LHN031L6C	9,148	LHS031L6C	11,035	208-230/3/60	C	-
-	-	LHT031L6D	10,694	LHN031L6D	9,698	LHS031L6D	11,583	460/3/60	C	-
Scroll Medium Temperature (R-404A/507, R407A, R407C, R448A, and R449A)										
-	-	LZT005M6B	6,268	LZN005M6B	5,893	LZS005M6B	6,645	208-230/1/60	C	See footnote 7
-	-	LZT005M6C	6,362	LZN005M6C	5,980	LZS005M6C	6,743	208-230/3/60	C	See footnote 7
-	-	LZT008M6B	6,919	LZN008M6B	6,505	LZS008M6B	7,334	208-230/1/60	C	See footnote 7
-	-	LZT008M6C	7,022	LZN008M6C	6,601	LZS008M6C	7,444	208-230/3/60	C	See footnote 7
-	-	LZT009M6B	7,265	LZN009M6B	6,829	LZS009M6B	7,700	208-230/1/60	C	See footnote 7
-	-	LZT009M6C	7,374	LZN009M6C	6,931	LZS009M6C	7,816	208-230/3/60	C	See footnote 7
-	-	LZTX10M6B	7,501	LZNX10M6B	7,014	LZSX10M6B	7,931	208-230/1/60	C	See footnote 7

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.

Air-Cooled Condensing Units



1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
-	-	LZT010M6B	7,764	LZN010M6B	7,259	LZS010M6B	8,209	208-230/1/60	C	See footnote 7
-	-	LZTX10M6C	7,474	LZNX10M6C	6,989	LZSX10M6C	7,903	208-230/3/60	C	See footnote 7
-	-	LZT010M6C	7,736	LZN010M6C	7,234	LZS010M6C	8,180	208-230/3/60	C	See footnote 7
-	-	LZTX10M6D	8,343	LZNX10M6D	7,803	LZSX10M6D	8,823	460/3/60	C	See footnote 7
-	-	LZT010M6D	8,635	LZN010M6D	8,076	LZS010M6D	9,132	460/3/60	C	See footnote 7
-	-	LZTX15M6B	8,483	LZNX15M6B	7,934	LZSX15M6B	8,970	208-230/1/60	C	See footnote 7
-	-	LZT015M6B	8,780	LZN015M6B	8,212	LZS015M6B	9,284	208-230/1/60	C	See footnote 7
-	-	LZTX15M6C	8,323	LZNX15M6C	7,784	LZSX15M6C	8,803	208-230/3/60	C	See footnote 7
-	-	LZT015M6C	8,614	LZN015M6C	8,056	LZS015M6C	9,111	208-230/3/60	C	See footnote 7
-	-	LZTX15M6D	9,293	LZNX15M6D	8,692	LZSX15M6D	9,828	460/3/60	C	See footnote 7
-	-	LZT015M6D	9,618	LZN015M6D	8,996	LZS015M6D	10,172	460/3/60	C	See footnote 7
-	-	LZTX20M6B	8,493	LZNX20M6B	7,821	LZSX20M6B	9,348	208-230/1/60	C	See footnote 7
-	-	LZT020M6B	8,790	LZN020M6B	8,095	LZS020M6B	9,675	208-230/1/60	C	See footnote 7
-	-	LZTX20M6C	8,559	LZNX20M6C	7,886	LZSX20M6C	9,416	208-230/3/60	C	See footnote 7
-	-	LZT020M6C	8,859	LZN020M6C	8,162	LZS020M6C	9,746	208-230/3/60	C	See footnote 7
-	-	LZTX20M6D	9,053	LZNX20M6D	8,376	LZSX20M6D	9,907	460/3/60	C	See footnote 7
-	-	LZT020M6D	9,370	LZN020M6D	8,669	LZS020M6D	10,254	460/3/60	C	See footnote 7
-	-	LZTX25M6B	8,674	LZNX25M6B	7,998	LZSX25M6B	9,529	208-230/1/60	C	See footnote 7
-	-	LZT025M6B	8,978	LZN025M6B	8,278	LZS025M6B	9,863	208-230/1/60	C	See footnote 7
-	-	LZTX25M6C	8,804	LZNX25M6C	8,134	LZSX25M6C	9,661	208-230/3/60	C	See footnote 7
-	-	LZT025M6C	9,112	LZN025M6C	8,419	LZS025M6C	9,999	208-230/3/60	C	See footnote 7
-	-	LZTX25M6D	9,303	LZNX25M6D	8,627	LZSX25M6D	10,157	460/3/60	C	See footnote 7
-	-	LZT025M6D	9,629	LZN025M6D	8,929	LZS025M6D	10,512	460/3/60	C	See footnote 7
-	-	LZTX30M6B	9,367	LZNX30M6B	8,690	LZSX30M6B	9,822	208-230/1/60	C	See footnote 7
-	-	LZT030M6B	9,695	LZN030M6B	8,994	LZS030M6B	10,166	208-230/1/60	D	See footnote 7
-	-	LZTX30M6C	9,549	LZNX30M6C	8,876	LZSX30M6C	10,006	208-230/3/60	C	See footnote 7
-	-	LZT030M6C	9,883	LZN030M6C	9,187	LZS030M6C	10,356	208-230/3/60	D	See footnote 7
-	-	LZTX30M6D	9,966	LZNX30M6D	9,289	LZSX30M6D	10,420	460/3/60	C	See footnote 7
-	-	LZT030M6D	10,315	LZN030M6D	9,614	LZS030M6D	10,785	460/3/60	D	See footnote 7
-	-	LZTX35M6B	10,402	LZNX35M6B	9,725	LZSX35M6B	10,857	208-230/1/60	C	See footnote 7
-	-	LZT035M6B	10,766	LZN035M6B	10,065	LZS035M6B	11,237	208-230/1/60	D	See footnote 7
-	-	LZTX35M6C	10,583	LZNX35M6C	9,910	LZSX35M6C	11,041	208-230/3/60	C	See footnote 7
-	-	LZT035M6C	10,953	LZN035M6C	10,257	LZS035M6C	11,427	208-230/3/60	D	See footnote 7
-	-	LZTX35M6D	11,000	LZNX35M6D	10,324	LZSX35M6D	11,458	460/3/60	C	See footnote 7
-	-	LZT035M6D	11,385	LZN035M6D	10,685	LZS035M6D	11,859	460/3/60	D	See footnote 7
-	-	LZTX45M6B	10,560	LZNX45M6B	9,580	LZSX45M6B	11,016	208-230/1/60	C	See footnote 7
-	-	LZT045M6B	10,930	LZN045M6B	9,915	LZS045M6B	11,402	208-230/1/60	D	See footnote 7
-	-	LZTX45M6C	10,330	LZNX45M6C	9,350	LZSX45M6C	10,786	208-230/3/60	C	See footnote 7

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.



Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
-	-	LZT045M6C	10,692	LZN045M6C	9,677	LZS045M6C	11,164	208-230/3/60	D	See footnote 7
-	-	LZTX45M6D	11,478	LZNX45M6D	10,500	LZSX45M6D	11,937	460/3/60	C	See footnote 7
-	-	LZT045M6D	11,880	LZN045M6D	10,868	LZS045M6D	12,355	460/3/60	D	See footnote 7
-	-	LZTX50M6B	11,486	LZNX50M6B	10,505	LZSX50M6B	11,942	208-230/1/60	C	See footnote 7
-	-	LZT050M6B	11,888	LZN050M6B	10,873	LZS050M6B	12,360	208-230/1/60	D	See footnote 7
-	-	LZTX50M6C	11,236	LZNX50M6C	10,258	LZSX50M6C	11,694	208-230/3/60	C	See footnote 7
-	-	LZT050M6C	11,629	LZN050M6C	10,617	LZS050M6C	12,103	208-230/3/60	D	See footnote 7
-	-	LZTX50M6D	12,483	LZNX50M6D	11,503	LZSX50M6D	12,939	460/3/60	C	See footnote 7
-	-	LZT050M6D	12,920	LZN050M6D	11,906	LZS050M6D	13,392	460/3/60	D	See footnote 7
-	-	LZTX55M6B	12,031	LZNX55M6B	11,356	LZSX55M6B	12,488	208-230/1/60	D	See footnote 7
-	-	LZT055M6B	12,452	LZN055M6B	11,753	LZS055M6B	12,925	208-230/1/60	D	See footnote 7
-	-	LZTX55M6C	12,218	LZNX55M6C	11,542	LZSX55M6C	12,674	208-230/3/60	D	See footnote 7
-	-	LZT055M6C	12,646	LZN055M6C	11,946	LZS055M6C	13,118	208-230/3/60	D	See footnote 7
-	-	LZTX55M6D	12,632	LZNX55M6D	11,953	LZSX55M6D	13,090	460/3/60	D	See footnote 7
-	-	LZT055M6D	13,074	LZN055M6D	12,371	LZS055M6D	13,548	460/3/60	D	See footnote 7
LZTX60M6CF	14,340	LZTX60M6C	13,685	LZNX60M6C	12,995	LZSX60M6C	14,142	208-230/3/60	D	See footnote 6, 7
LZT060M6CF	14,819	LZT060M6C	14,164	LZN060M6C	13,450	LZS060M6C	14,637	208-230/3/60	D	See footnote 6, 7
-	-	LZTX60M6D	14,101	LZNX60M6D	13,407	LZSX60M6D	14,556	460/3/60	D	See footnote 6, 7
-	-	LZT060M6D	14,595	LZN060M6D	13,876	LZS060M6D	15,065	460/3/60	D	See footnote 6, 7
Scroll Low Temperature (R-404A/507, R407A, R40C, R407F, R448A, and R449A)										
-	-	LZT006L6B	8,035	LZN006L6B	7,552	LZS006L6B	8,516	208-230/1/60	C	See footnote 5
-	-	LZT006L6C	8,155	LZN006L6C	7,665	LZS006L6C	8,643	208-230/3/60	C	See footnote 5
-	-	LZT008L6B	8,428	LZN008L6B	7,923	LZS008L6B	8,935	208-230/1/60	C	See footnote 5
-	-	LZT008L6C	8,555	LZN008L6C	8,042	LZS008L6C	9,069	208-230/3/60	C	See footnote 5
-	-	LZT008L6D	8,898	LZN008L6D	8,364	LZS008L6D	9,431	460/3/60	C	See footnote 5
-	-	LZT010L6B	8,851	LZN010L6B	8,320	LZS010L6B	9,383	208-230/1/60	C	See footnote 5
-	-	LZT010L6C	8,985	LZN010L6C	8,446	LZS010L6C	9,523	208-230/3/60	C	See footnote 5
-	-	LZT010L6D	9,344	LZN010L6D	8,783	LZS010L6D	9,905	460/3/60	C	See footnote 5
-	-	LZT022L6B	9,455	LZN022L6B	8,888	LZS022L6B	10,022	208-230/1/60	C	See footnote 5
-	-	LZT022L6C	9,598	LZN022L6C	9,021	LZS022L6C	10,172	208-230/3/60	C	See footnote 5
-	-	LZT022L6D	9,981	LZN022L6D	9,382	LZS022L6D	10,580	460/3/60	C	See footnote 5
-	-	LZT025L6B	10,458	LZN025L6B	9,787	LZS025L6B	11,312	208-230/1/60	C	See footnote 5
-	-	LZT025L6C	10,644	LZN025L6C	9,971	LZS025L6C	11,497	208-230/3/60	C	See footnote 5
-	-	LZT025L6D	11,165	LZN025L6D	10,489	LZS025L6D	12,015	460/3/60	C	See footnote 5
-	-	LZT030L6B	10,828	LZN030L6B	10,155	LZS030L6B	11,682	208-230/1/60	C	See footnote 5
LZT030L6CF	11,631	LZT030L6C	11,029	LZN030L6C	10,355	LZS030L6C	11,881	208-230/3/60	C	See footnote 5
-	-	LZT030L6D	11,552	LZN030L6D	10,880	LZS030L6D	12,403	460/3/60	C	See footnote 5
LZT035L6BF	12,488	LZT035L6B	11,886	LZN035L6B	11,214	LZS035L6B	12,738	208-230/1/60	C	See footnote 5

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.

Section 2

Air-Cooled Condensing Units



1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LZT035L6CF	12,674	LZT035L6C	12,072	LZN035L6C	11,403	LZS035L6C	12,923	208-230/3/60	C	See footnote 5
-	-	LZT035L6D	12,600	LZN035L6D	11,926	LZS035L6D	13,448	460/3/60	C	See footnote 5
-	-	LZT045L6B	13,318	LZN045L6B	12,649	LZS045L6B	13,773	208-230/1/60	D	See footnote 5
LZT045L6CF	14,359	LZT045L6C	13,502	LZN045L6C	12,829	LZS045L6C	13,956	208-230/3/60	D	See footnote 5
-	-	LZT045L6D	13,915	LZN045L6D	13,240	LZS045L6D	14,366	460/3/60	D	See footnote 5
-	-	LZT055L6B	13,731	LZN055L6B	13,059	LZS055L6B	14,187	208-230/1/60	D	See footnote 5
LZT055L6CF	14,772	LZT055L6C	13,915	LZN055L6C	13,240	LZS055L6C	14,366	208-230/3/60	D	See footnote 5
-	-	LZT055L6D	14,328	LZN055L6D	13,657	LZS055L6D	14,781	460/3/60	D	See footnote 5
LZT060L6CF	15,652	LZT060L6C	14,795	LZN060L6C	14,126	LZS060L6C	15,250	208-230/3/60	D	See footnote 5
-	-	LZT060L6D	15,207	LZN060L6D	14,537	LZS060L6D	15,663	460/3/60	D	See footnote 5
Semi-Hermetic Medium Temperature (R-404A/507)										
-	-	LST010M6B	8,424	LSN010M6B	7,317	LSS010M6B	8,898	208-230/1/60	A	-
-	-	LST010M6C	8,447	LSN010M6C	7,343	LSS010M6C	8,919	208-230/3/60	A	-
-	-	LST020M6B	10,979	LSN020M6B	9,837	LSS020M6B	11,865	208-230/1/60	B	See footnote 6
-	-	LST020M6C	10,812	LSN020M6C	9,652	LSS020M6C	11,697	208-230/3/60	B	See footnote 6
-	-	LST021M6C	12,025	LSN021M6C	10,866	LSS021M6C	12,911	208-230/3/60	B	See footnote 6
-	-	LST021M6D	12,697	LSN021M6D	11,537	LSS021M6D	13,583	460/3/60	B	See footnote 6
-	-	LST030M6C	14,342	LSN030M6C	13,325	LSS030M6C	14,816	208-230/3/60	D	See footnote 6
-	-	LST030M6D	15,008	LSN030M6D	13,994	LSS030M6D	15,485	460/3/60	D	See footnote 6
Semi-Hermetic Low Temperature (R-404A/507)										
-	-	LST005L6B	7,444	LSN005L6B	6,542	LSS005L6B	7,916	208-230/1/60	A	-
-	-	LST005L6C	7,536	LSN005L6C	6,633	LSS005L6C	8,006	208-230/3/60	A	-
-	-	LST008L6B	8,047	LSN008L6B	6,940	LSS008L6B	8,521	208-230/1/60	A	-
-	-	LST008L6C	8,068	LSN008L6C	6,960	LSS008L6C	8,540	208-230/3/60	A	-
-	-	LST010L6B	8,595	LSN010L6B	7,491	LSS010L6B	9,063	208-230/1/60	A	-
-	-	LST010L6C	8,603	LSN010L6C	7,505	LSS010L6C	9,076	208-230/3/60	A	-
LST015L6BF	11,338	LST015L6B	10,171	LSN015L6B	9,039	LSS015L6B	11,056	208-230/1/60	B	See footnote 6
LST015L6CF	11,299	LST015L6C	10,132	LSN015L6C	9,000	LSS015L6C	11,019	208-230/3/60	B	See footnote 6
-	-	LST015L6D	11,966	LSN015L6D	10,822	LSS015L6D	12,850	460/3/60	B	See footnote 6
LST020L6CF	13,236	LST020L6C	12,069	LSN020L6C	10,919	LSS020L6C	12,954	208-230/3/60	B	See footnote 6
LST021L6BF	13,725	LST021L6B	12,558	LSN021L6B	11,407	LSS021L6B	13,446	208-230/1/60	B	See footnote 6
LST021L6CF	13,559	LST021L6C	12,392	LSN021L6C	11,239	LSS021L6C	13,276	208-230/3/60	B	See footnote 6
-	-	LST021L6D	14,300	LSN021L6D	13,142	LSS021L6D	15,188	460/3/60	B	See footnote 6
LST030L6CF	15,618	LST030L6C	14,361	LSN030L6C	13,353	LSS030L6C	15,248	208-230/3/60	C	See footnote 6
-	-	LST030L6D	15,575	LSN030L6D	14,444	LSS030L6D	16,460	460/3/60	C	See footnote 6
Semi-Hermetic Extra Low Temperature (R-404A/507)										
LST030E6CF	15,618	LST030E6C	14,361	LSN030E6C	13,353	LSS030E6C	15,248	208-230/3/60	C	See footnote 6
-	-	LST030E6D	15,575	LSN030E6D	14,444	LSS030E6D	16,460	460/3/60	C	See footnote 6

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.



Air-Cooled Condensing Units

½ - 6 HP Horizontal Air Discharge

Pre-Configured Outdoor Scroll Low and Medium Temp Models

Standard Outdoor

F Models:

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Adjustable low pressure control for M6 & L6 models
- Liquid-line drier assembly
- Electric defrost timer on 006-035L6 and electric defrost kit on 040-060L6

FRTPF Models:

- Same as F Models except contains round tube plate fin condenser coil for high ambient applications.

FT Models:

- Same as F Models except includes Air defrost timer on M6 models.

FRTPF Models:

- Same as FT Models except contains round tube plate fin condenser coil for high ambient applications.

FLT & FLT1 Models:

- Same as F Models except less electric defrost timer on L6 models. Typically matched with QRC Controls.

FLTRTPF Models:

- Same as FLT Models except contains round tube plate fin condenser coil for high ambient applications.

Standard Outdoor		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)			
Scroll Low Temperature (R-404A/507, R407A, R407C, R448A, and R449A)				
LZT006L6BF	8,637	208-230/1/60	C	See footnote 5
LZT006L6BFLT	8,035	208-230/1/60	C	See footnote 5
LZT006L6CF	8,757	208-230/3/60	C	See footnote 5
LZT006L6CFLT	8,155	208-230/3/60	C	See footnote 5
LZT008L6BF	9,030	208-230/1/60	C	See footnote 5
LZT008L6BFLT	8,428	208-230/1/60	C	See footnote 5
LZT008L6CF	9,157	208-230/3/60	C	See footnote 5
LZT008L6CFLT	8,555	208-230/3/60	C	See footnote 5
LZT010L6BF1	9,453	208-230/1/60	C	See footnote 5
LZT010L6BFLT1	8,851	208-230/1/60	C	See footnote 5
LZT010L6CF1	9,587	208-230/3/60	C	See footnote 5
LZT010L6CFLT	8,985	208-230/3/60	C	See footnote 5
LZT022L6BF	10,057	208-230/1/60	C	See footnote 5
LZT022L6BFLT	9,455	208-230/1/60	C	See footnote 5
LZT022L6CF	10,200	208-230/3/60	C	See footnote 5
LZT022L6CFLT	9,598	208-230/3/60	C	See footnote 5
LZT025L6BF	11,060	208-230/1/60	C	See footnote 5
LZT025L6BFLT	10,458	208-230/1/60	C	See footnote 5
LZT025L6CF	11,246	208-230/3/60	C	See footnote 5
LZT025L6CFLT	10,644	208-230/3/60	C	See footnote 5
LZT030L6BF	11,430	208-230/1/60	C	See footnote 5
LZT030L6BFLT	10,828	208-230/1/60	C	See footnote 5
LZT030L6CF	11,631	208-230/3/60	C	See footnote 5
LZT030L6CFLT	11,029	208-230/3/60	C	See footnote 5
LZT035L6BF	12,488	208-230/1/60	C	See footnote 5
LZT035L6BFLT	11,886	208-230/1/60	C	See footnote 5
LZT035L6CF	12,674	208-230/3/60	C	See footnote 5
LZT035L6CFLT	12,072	208-230/3/60	C	See footnote 5
LZT045L6BF	14,175	208-230/1/60	D	See footnote 5
LZT045L6BFLT	13,318	208-230/1/60	D	See footnote 5
LZT045L6CF	14,359	208-230/3/60	D	See footnote 5
LZT045L6CFLT	13,502	208-230/3/60	D	See footnote 5
LZT055L6BF	14,588	208-230/1/60	D	See footnote 5
LZT055L6BFLT	13,731	208-230/1/60	D	See footnote 5
LZT055L6CF	14,772	208-230/3/60	D	See footnote 5
LZT055L6CFLT	13,915	208-230/3/60	D	See footnote 5
LZT060L6CF	15,652	208-230/3/60	D	See footnote 5
LZT060L6CFLT	14,795	208-230/3/60	D	See footnote 5
LZT055L6BFRTPF	14,588	208-230/1/60	D	See footnote 5
LZT055L6BFLTRTPF	13,731	208-230/1/60	D	See footnote 5

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.

Air-Cooled Condensing Units



1/2 - 6 HP Horizontal Air Discharge

Pre-Configured Outdoor Scroll Low and Medium Temp Models

Standard Outdoor		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)			
LZT055L6CFRTPF	14,772	208-230/3/60	D	See footnote 5
LZT055L6CFLTRTPF	13,915	208-230/3/60	D	See footnote 5
LZT060L6CFRTPF	15,652	208-230/3/60	D	See footnote 5
LZT060L6CFLTRTPF	14,795	208-230/3/60	D	See footnote 5
Scroll Medium Temperature with Copeland Compressor (R-404A/507, R407A, R407C, R448A, and R449A)				
LZT005M6BF	6,833	208-230/1/60	C	See footnote 7
LZT005M6BFT	7,435	208-230/1/60	C	See footnote 7
LZT005M6CF	6,927	208-230/3/60	C	See footnote 7
LZT005M6CFT	7,529	208-230/3/60	C	See footnote 7
LZT008M6BF	7,484	208-230/1/60	C	See footnote 7
LZT008M6BFT	8,086	208-230/1/60	C	See footnote 7
LZT008M6CF	7,587	208-230/3/60	C	See footnote 7
LZT008M6CFT	8,189	208-230/3/60	C	See footnote 7
LZT009M6BF	7,830	208-230/1/60	C	See footnote 7
LZT009M6BFT	8,432	208-230/1/60	C	See footnote 7
LZT009M6CF	7,939	208-230/3/60	C	See footnote 7
LZT009M6CFT	8,541	208-230/3/60	C	See footnote 7
LZT010M6BF	8,329	208-230/1/60	C	See footnote 7
LZT010M6BFT	8,931	208-230/1/60	C	See footnote 7
LZT010M6CF	8,301	208-230/3/60	C	See footnote 7
LZT010M6CFT	8,903	208-230/3/60	C	See footnote 7
LZT015M6BF	9,345	208-230/1/60	C	See footnote 7
LZT015M6BFT	9,947	208-230/1/60	C	See footnote 7
LZT015M6CF	9,179	208-230/3/60	C	See footnote 7
LZT015M6CFT	9,781	208-230/3/60	C	See footnote 7
LZT020M6BF	9,355	208-230/1/60	C	See footnote 7
LZT020M6BFT	9,957	208-230/1/60	C	See footnote 7
LZT020M6CF	9,424	208-230/3/60	C	See footnote 7
LZT020M6CFT	10,026	208-230/3/60	C	See footnote 7
LZT025M6BF	9,543	208-230/1/60	C	See footnote 7
LZT025M6BFT	10,145	208-230/1/60	C	See footnote 7
LZT025M6CF	9,677	208-230/3/60	C	See footnote 7
LZT025M6CFT	10,279	208-230/3/60	C	See footnote 7
LZT030M6BF	10,350	208-230/1/60	D	See footnote 7
LZT030M6BFT	10,952	208-230/1/60	D	See footnote 7
LZT030M6CF	10,538	208-230/3/60	D	See footnote 7
LZT030M6CFT	11,140	208-230/3/60	D	See footnote 7
LZT035M6BF	11,421	208-230/1/60	D	See footnote 7
LZT035M6BFT	12,023	208-230/1/60	D	See footnote 7
LZT035M6CF	11,608	208-230/3/60	D	See footnote 7
LZT035M6CFT	12,210	208-230/3/60	D	See footnote 7
LZT045M6BF	11,585	208-230/1/60	D	See footnote 7
LZT045M6BFT	12,187	208-230/1/60	D	See footnote 7
LZT045M6CF	11,347	208-230/3/60	D	See footnote 7
LZT045M6CFT	11,949	208-230/3/60	D	See footnote 7
LZT050M6BF	12,543	208-230/1/60	D	See footnote 7
LZT050M6BFT	13,145	208-230/1/60	D	See footnote 7
LZT050M6CF	12,284	208-230/3/60	D	See footnote 7
LZT050M6CFT	12,886	208-230/3/60	D	See footnote 7
LZT055M6BF	13,107	208-230/1/60	D	See footnote 7
LZT055M6BFT	13,709	208-230/1/60	D	See footnote 7
LZT055M6CF	13,301	208-230/3/60	D	See footnote 7
LZT055M6CFT	13,903	208-230/3/60	D	See footnote 7
LZT060M6CF	14,819	208-230/3/60	D	See footnote 7
LZT060M6CFT	15,676	208-230/3/60	D	See footnote 7

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.



Air-Cooled Condensing Units

½ - 6 HP Horizontal Air Discharge

Pre-Configured Outdoor Scroll Low and Medium Temp Models

Standard Outdoor		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)			
LZT050M6BFRTPF	12,543	208-230/1/60	D	See footnote 7
LZT050M6BFRTPFT	13,145	208-230/1/60	D	See footnote 7
LZT050M6CFRTPF	12,284	208-230/3/60	D	See footnote 7
LZT050M6CFRTPFT	12,886	208-230/3/60	D	See footnote 7
LZT055M6BFRTPF	13,107	208-230/1/60	D	See footnote 7
LZT055M6BFRTPFT	13,709	208-230/1/60	D	See footnote 7
LZT055M6CFRTPF	13,301	208-230/3/60	D	See footnote 7
LZT055M6CFRTPFT	13,903	208-230/3/60	D	See footnote 7
LZT060M6CFRTPF	14,819	208-230/3/60	D	See footnote 7
LZT060M6CFRTPFT	15,676	208-230/3/60	D	See footnote 7
Scroll Medium Temperature with LG Compressor (R-404A/507, R407A, R407C, R448A, and R449A)				
LZTX10M6BF	8,066	208-230/1/60	C	See footnote 7
LZTX10M6BFT	8,668	208-230/1/60	C	See footnote 7
LZTX10M6CF	8,039	208-230/3/60	C	See footnote 7
LZTX10M6CFT	8,641	208-230/3/60	C	See footnote 7
LZTX15M6BF	9,048	208-230/1/60	C	See footnote 7
LZTX15M6BFT	9,650	208-230/1/60	C	See footnote 7
LZTX15M6CF	8,888	208-230/3/60	C	See footnote 7
LZTX15M6CFT	9,490	208-230/3/60	C	See footnote 7
LZTX20M6BF	9,058	208-230/1/60	C	See footnote 7
LZTX20M6BFT	9,660	208-230/1/60	C	See footnote 7
LZTX20M6CF	9,124	208-230/3/60	C	See footnote 7
LZTX20M6CFT	9,726	208-230/3/60	C	See footnote 7
LZTX25M6BF	9,239	208-230/1/60	C	See footnote 7
LZTX25M6BFT	9,841	208-230/1/60	C	See footnote 7
LZTX25M6CF	9,369	208-230/3/60	C	See footnote 7
LZTX25M6CFT	9,971	208-230/3/60	C	See footnote 7
LZTX30M6BF	10,022	208-230/1/60	D	See footnote 7
LZTX30M6BFT	10,624	208-230/1/60	D	See footnote 7
LZTX30M6CF	10,204	208-230/3/60	D	See footnote 7
LZTX30M6CFT	10,806	208-230/3/60	D	See footnote 7
LZTX35M6BF	11,057	208-230/1/60	D	See footnote 7
LZTX35M6BFT	11,659	208-230/1/60	D	See footnote 7
LZTX35M6CF	11,238	208-230/3/60	D	See footnote 7
LZTX35M6CFT	11,840	208-230/3/60	D	See footnote 7
LZTX45M6BF	11,215	208-230/1/60	D	See footnote 7
LZTX45M6BFT	11,817	208-230/1/60	D	See footnote 7
LZTX45M6CF	10,985	208-230/3/60	D	See footnote 7
LZTX45M6CFT	11,587	208-230/3/60	D	See footnote 7
LZTX50M6BF	12,141	208-230/1/60	D	See footnote 7
LZTX50M6BFT	12,743	208-230/1/60	D	See footnote 7
LZTX50M6CF	11,891	208-230/3/60	D	See footnote 7
LZTX50M6CFT	12,493	208-230/3/60	D	See footnote 7
LZTX55M6BF	12,686	208-230/1/60	D	See footnote 7
LZTX55M6BFT	13,288	208-230/1/60	D	See footnote 7
LZTX55M6CF	12,873	208-230/3/60	D	See footnote 7
LZTX55M6CFT	13,475	208-230/3/60	D	See footnote 7
LZTX60M6CF	14,340	208-230/3/60	D	See footnote 7
LZTX60M6CFT	14,942	208-230/3/60	D	See footnote 7
LZTX55M6BFRTPF	12,686	208-230/1/60	D	See footnote 7
LZTX55M6BFRTPFT	13,288	208-230/1/60	D	See footnote 7
LZTX55M6CFRTPF	12,873	208-230/3/60	D	See footnote 7
LZTX55M6CFRTPFT	13,475	208-230/3/60	D	See footnote 7
LZTX60M6CFRTPF	14,340	208-230/3/60	D	See footnote 7
LZTX60M6CFRTPFT	14,942	208-230/3/60	D	See footnote 7

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.
7. Model provided with adjustable low pressure switch. Can also be used for R-407A/F, R-407C and R-448A/449A Medium temperature applications.

Air-Cooled Condensing Units



1/2 - 6 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
Electrical Options						
DFT.001	Defrost Timer - Air	All M6, X6	Medium temperature applications only.	602	602	-
SW.001	Adjustable low pressure control	H6, M6	Standard on L6, E6, X6 and Scroll M6 models.	166	-	166
SW.005	Adjustable low pressure control	H6, M6	Standard on L6, E6, X6 and Scroll M6 models.	-	166	-
SW.002	Dual pressure control with superhose	All	-	374	374	-
FSD.001-1	Mounted fused disconnect	005-035	-	594	-	594
FSD.001-2	Mounted fused disconnect	040-060	-	1,095	-	1,095
PLM.004	Phase Loss Monitor	All	-	1,182	1,182	-
FCY.008	Fan Cycling - Fixed Temperature	Cabinet B & C	2 fan units; Can't combine HPV & VSEC	414	414	-
FCY.013	Variable Speed Fan Cycling - Hoffman Controller	Cabinet D Medium Temperature Only	Hoffman controller in place of head pressure control valve. Indoor units only.	-	859	-
MS.001A	Variable Speed EC Motor with Orbus Controller	Cabinet A	VSEC with Orbus in place of head pressure control valve	883	-	883
MS.001BC	Variable Speed EC Motor with Orbus Controller	Cabinet B & C	VSEC with Orbus in place of head pressure control valve	1,308	-	1,308
MS.001D	Variable Speed EC Motor with Orbus Controller	Cabinet D (Except 460V)	VSEC with Orbus in place of head pressure control valve	1,187	-	1,187
Mechanical Options						
LIQ.001-1	Liquid-line filter drier, sight glass and shut-off valve	005-025	Standard on L6 models with ZF Scroll Compressor	565	565	565
LIQ.001-2	Liquid-line filter drier, sight glass and shut-off valve	027-060	Standard on L6 models with ZF Scroll Compressor	655	655	655
LIQ.003	Replaceable core liquid-line filter drier, sight glass, shut-off valve	Cabinet D	Also available on 031 L6 with hermetic compressor	1,205	1,205	1,205
LIQ.002-1	Liquid-line solenoid valve and pump-down switch with liquid-line filter drier, sight glass and shut-off valve	005-025	Not recommended on applications with line runs more than 25 feet.	1,205	1,205	-
LIQ.002-2	Liquid-line solenoid valve and pump-down switch with liquid-line filter drier, sight glass and shut-off valve	027-060	Not recommended on applications with line runs more than 25 feet.	1,296	1,296	-
SUC.003-1	Suction-line filter	005-025	-	360	360	360
SUC.003-2	Suction-line filter	030-060	-	427	427	427
SUC.005	Replaceable core suction-line filter	Cabinet D	Also available on 031 L6 with hermetic compressor	1,253	1,253	1,253
SUC.007-1	Suction accumulator	005-025	-	452	452	452
SUC.007-2	Suction accumulator	027-060	-	753	753	753



Air-Cooled Condensing Units

½ - 6 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
DIS.004	Head pressure control flooding valve	005-060	-	Standard	533	Standard
DIS.001	Oil separator with discharge line check valve	Cabinet D	Can not be used with 44# receiver with relief valve option (REC.044).	1,355	1,355	-
DIS.017	Oil separator with discharge line check valve	Cabinet D	Can not be used with 44# receiver with relief valve option (REC.044).	1,355	1,355	1,355
REC.044	44# receiver with relief valve	Cabinet D	Can not be ordered with replaceable core liquid-line filter drier option (LIQ.003).	1,343	1,343	1,343
REC.001	Low ambient kit with heated and insulated receiver, time delay relay	All	Can not be used with dual pressure control option (SW.002).	752	-	752
PRE.002A	Pre-Charged w/ Quick Connects (R404A and R448A)	Cabinet A	Must be ordered with liquid-line assemblies.	772	772	-
PRE.002BC	Pre-Charged w/ Quick Connects (R404A and R448A)	Cabinet B&C	Must be ordered with liquid-line assemblies.	923	923	-
PRE.002D	Pre-Charged w/ Quick Connects (R404A and R448A)	Cabinet D	Must be ordered with liquid-line assemblies.	1,127	1,127	-

Section 2

1/2 - 6 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1** Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2** For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.
- 3** If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.002	Defrost Timer - Electric	005-035 and L6, M6, E6, X6	-	602	602
DFT.007	Electric Defrost Kit	040-060 and L6, M6, E6, X6	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	857	857
SDK.001	InterLink™ Smart Defrost Kit™	005-060 and L6, M6, E6, X6	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930	930



Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Electrical Options				
29318012	1/2" Solenoid valve, 115/230V coil	-	-	371
8077893	10ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	348
5009969	15ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	415
8077894	20ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	449
5009970	25ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	525
8077895	35ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	608
8077896	55ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	713
Mechanical Options				
50014701	9.75" Extended legs (shipped-loose)	Cabinet A	-	341
50014702	9.75" Extended legs (shipped-loose)	Cabinet B&C	-	341
50014703	9.75" Extended legs (shipped-loose)	Cabinet D	-	341
50014710	5.75" Extended legs (shipped-loose)	Cabinet A	-	341
50014711	5.75" Extended legs (shipped-loose)	Cabinet B&C	-	341
50014712	5.75" Extended legs (shipped-loose)	Cabinet D	-	341
59985601	Hail guards (shipped-loose)	Cabinet A	-	414
59985701	Hail guards (shipped-loose)	Cabinet B&C	-	446
59985801	Hail guards (shipped-loose)	Cabinet D	-	459

Precharged Line Set with Refrigerant and Quick Connect Fittings at Both Ends

For proper selection, you must know the system capacity, suction temperature, line length, and aeroquip fitting size at both the condensing unit and unit cooler. Please contact your local Sales Representative or Account Engineer for assistance.

Line Sizes	7 Feet		10 Feet		15 Feet		20 Feet		30 Feet		50 Feet	
	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)
3/8" x 5/8"	8049918	706	8049933	706	8049921	761	8049930	755	8049924	966	8049927	1,299
3/8" x 7/8"	8049919	736	8049934	769	8049922	822	8049931	919	8049925	1,300	8049928	1,964
1/2" x 1 1/8"	8049920	846	8049935	983	8049923	1,139	8049932	1,309	8049926	1,613	8049929	2,419

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522

3 - 22 HP Horizontal Air Discharge

Overview



Product Description:

The 3-22 HP condensing units feature an enhanced grill design that gives up to 40% more free-air area than prior models and its vertical receiver needs less refrigerant to ensure a full column of liquid reaches the expansion valve. Fan motors and serviceable components are accessible via the front grill for quick service and the sight glass is conveniently placed so that charging is quick, easy and accurate. Thorough cleaning of the coil is easier because the unit's top panel is one piece and lighter for easy removal. A liquid base valve and suction service tap is placed on the outside of the cabinet for easy pump-downs and quick diagnosis. The footprint is smaller for easy jobsite placement. These condensing units utilize the Floating Tube™ coil design, which eliminates tube-sheet leaks. PSC motors come standard to help save you energy.

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Nomenclature

L	D	T	0500	M	6	C
Model	Compressor	Application	Equiv. HP	Operating Range	Refrigerant	Voltage
L = Larkin	D = Discus® Z = Scroll	S = IntelliGen™/Beacon II™ T = Outdoor N = Indoor	0300 = 3 HP 0400 = 4 HP 0500 = 5 HP 0501 = 5 HP 0600 = 6 HP 0601 = 6 HP 0650 = 6.5 HP 0700 = 7 HP 0750 = 7.5 HP 0751 = 7.5 HP 0800 = 8 HP 0860 = 8.5 HP 0900 = 9 HP 1000 = 10 HP 1200 = 12 HP 1300 = 13 HP 1401 = 14 HP 1500 = 15 HP 2200 = 22 HP	L = Low M = Medium	6 = R-404A/ R-507A, R-407A/F, R-407C, R-448A/ R-449A	C = 208-230/3/60 (200-220/3/50) D = 460/3/60 (380-420/3/50) E = 575/3/60 *limited by compressor model

Cabinet & Construction

- All units feature the Floating Tube™ coil design which eliminates tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality & Performance

- Sight Glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper condenser tubing
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate subcooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-intelliGen (TM) / Beacon II (TM) condensing units

Components

Compressor

- Discus compressors are spring mounted with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent line filter

Motors

- Available with Variable Speed EC Motors

Certifications





Air-Cooled Condensing Units

3 - 22 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor

- Prepainted galvanized cabinet
- Manual pump-down switch
- Electronic oil failure switch (Discus Compressors)
- Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors)
- Head pressure control valve
- Crankcase heater
- Fixed high and adjustable low pressure switches
- Sight glass & permanent liquid-line filter
- ServiceMate™ Diagnostic Module

Configurable Models

Outdoor (T)

- Prepainted galvanized cabinet
- Manual pump-down switch
- Electronic oil failure switch (Discus Compressors)
- Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors)
- Head pressure control valve
- Crankcase heater
- Fixed high and adjustable low pressure switches
- Sight glass & permanent liquid-line filter

Indoor (N)

- No cabinet hood
- Fan guards & wiring conduit
- Manual pump-down switch
- Electronic oil failure switch (Discus Compressors)
- Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors)
- Crankcase heater
- Fixed high and adjustable low pressure switches
- Sight glass & permanent liquid-line filter

intelliGen™ / Beacon II™

- Outdoor Unit with hood
- Manual pump-down switch
- Electronic oil failure switch (Discus Compressors)
- Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors)
- Crankcase heater
- Head pressure control valve
- Wired for intelliGen™ / Beacon II™ control. intelliGen™ / Beacon II™ fan cycling for two fan units only
- Fixed high and adjustable low pressure switches
- Sight glass & permanent liquid-line filter

Need to customize? Look at the factory-installed options starting on page 121.

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Discus Medium Temperature (R-404A/507, R407A/R407F, R407C, and R448/R449)										
-	-	LDT0500M6C	23,114	LDN0500M6C	22,621	LDS0500M6C	23,988	208-230/3/60	1 Fan	-
-	-	LDT0500M6D	24,643	LDN0500M6D	24,150	LDS0500M6D	25,520	460/3/60	1 Fan	-
-	-	LDT0500M6E	25,137	LDN0500M6E	24,632	LDS0500M6E	26,031	575/3/60	1 Fan	-
-	-	LDT0501M6C	23,687	LDN0501M6C	23,192	LDS0501M6C	24,564	208-230/3/60	1 Fan	-
-	-	LDT0501M6D	25,218	LDN0501M6D	24,722	LDS0501M6D	26,091	460/3/60	1 Fan	-
-	-	LDT0501M6E	25,722	LDN0501M6E	25,218	LDS0501M6E	26,616	575/3/60	1 Fan	-
-	-	LDT0750M6C	29,144	LDN0750M6C	28,649	LDS0750M6C	30,631	208-230/3/60	1 Fan	-
-	-	LDT0750M6D	30,671	LDN0750M6D	30,181	LDS0750M6D	32,157	460/3/60	1 Fan	-
-	-	LDT0750M6E	31,286	LDN0750M6E	30,781	LDS0750M6E	32,798	575/3/60	1 Fan	-
LDT0751M6CF	29,326	LDT0751M6C	29,326	LDN0751M6C	28,665	LDS0751M6C	31,240	208-230/3/60	2 Fan	-
-	-	LDT0751M6D	30,852	LDN0751M6D	30,192	LDS0751M6D	32,766	460/3/60	2 Fan	-
-	-	LDT0751M6E	31,469	LDN0751M6E	30,796	LDS0751M6E	33,421	575/3/60	2 Fan	-
-	-	LDT0800M6C	33,989	LDN0800M6C	33,330	LDS0800M6C	35,904	208-230/3/60	2 Fan	-
-	-	LDT0800M6D	35,609	LDN0800M6D	34,948	LDS0800M6D	37,524	460/3/60	2 Fan	-
-	-	LDT0800M6E	36,322	LDN0800M6E	35,647	LDS0800M6E	38,275	575/3/60	2 Fan	-
-	-	LDT1000M6C	35,604	LDN1000M6C	34,966	LDS1000M6C	37,466	208-230/3/60	2 Fan	-
-	-	LDT1000M6D	38,140	LDN1000M6D	37,481	LDS1000M6D	40,055	460/3/60	2 Fan	-
-	-	LDT1000M6E	38,903	LDN1000M6E	38,229	LDS1000M6E	40,854	575/3/60	2 Fan	-
LDT1200M6CF	38,545	LDT1200M6C	38,545	LDN1200M6C	37,907	LDS1200M6C	40,405	208-230/3/60	2 Fan	-
-	-	LDT1200M6D	40,193	LDN1200M6D	39,500	LDS1200M6D	42,053	460/3/60	2 Fan	-
-	-	LDT1500M6C	39,483	LDN1500M6C	38,845	LDS1500M6C	41,343	208-230/3/60	2 Fan Large	-
-	-	LDT1500M6D	41,338	LDN1500M6D	40,645	LDS1500M6D	43,198	460/3/60	2 Fan Large	-
-	-	LDT1500M6E	42,166	LDN1500M6E	41,457	LDS1500M6E	44,063	575/3/60	2 Fan Large	-
Discus Low Temperature (R-404A/507, R407A/R407F, R407C, and R448A/R449A)										
-	-	LDT0300L6C	22,464	LDN0300L6C	21,971	LDS0300L6C	23,340	208-230/3/60	1 Fan	See Note 1
-	-	LDT0300L6D	23,989	LDN0300L6D	23,498	LDS0300L6D	24,869	460/3/60	1 Fan	See Note 1
-	-	LDT0300L6E	24,472	LDN0300L6E	23,969	LDS0300L6E	25,362	575/3/60	1 Fan	See Note 1
-	-	LDT0400L6C	24,418	LDN0400L6C	23,924	LDS0400L6C	25,290	208-230/3/60	1 Fan	See Note 1
-	-	LDT0400L6D	25,945	LDN0400L6D	25,449	LDS0400L6D	26,817	460/3/60	1 Fan	See Note 1

Notes:

1. For R407A/R407F, R407C, and R448A/R449A low temperature operation, add Demand Cooling Kit.

Section 2

Air-Cooled Condensing Units



3 - 22 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
-	-	LDT0400L6E	26,462	LDN0400L6E	25,959	LDS0400L6E	27,356	575/3/60	1 Fan	See Note 1
-	-	LDT0600L6C	25,657	LDN0600L6C	25,162	LDS0600L6C	26,532	208-230/3/60	1 Fan	See Note 1
-	-	LDT0600L6D	27,184	LDN0600L6D	26,691	LDS0600L6D	28,058	460/3/60	1 Fan	See Note 1
-	-	LDT0600L6E	27,728	LDN0600L6E	27,224	LDS0600L6E	28,616	575/3/60	1 Fan	See Note 1
LDT0601L6CF	28,556	LDT0601L6C	27,172	LDN0601L6C	26,678	LDS0601L6C	28,045	208-230/3/60	1 Fan	See Note 1
-	-	LDT0601L6D	28,696	LDN0601L6D	28,205	LDS0601L6D	29,571	460/3/60	1 Fan	See Note 1
-	-	LDT0601L6E	29,271	LDN0601L6E	28,768	LDS0601L6E	30,164	575/3/60	1 Fan	See Note 1
-	-	LDT0750L6C	31,743	LDN0750L6C	31,249	LDS0750L6C	33,230	208-230/3/60	1 Fan	See Note 1
-	-	LDT0750L6D	33,272	LDN0750L6D	32,777	LDS0750L6D	34,756	460/3/60	1 Fan	See Note 1
-	-	LDT0750L6E	33,939	LDN0750L6E	33,431	LDS0750L6E	35,450	575/3/60	1 Fan	See Note 1
-	-	LDT0900L6C	34,911	LDN0900L6C	34,251	LDS0900L6C	36,822	208-230/3/60	2 Fan	See Note 1
-	-	LDT0900L6D	36,435	LDN0900L6D	35,775	LDS0900L6D	38,352	460/3/60	2 Fan	See Note 1
-	-	LDT0900L6E	37,166	LDN0900L6E	36,493	LDS0900L6E	39,117	575/3/60	2 Fan	See Note 1
LDT1000L6CF	39,102	LDT1000L6C	37,559	LDN1000L6C	36,898	LDS1000L6C	39,469	208-230/3/60	2 Fan	See Note 1
-	-	LDT1000L6D	38,348	LDN1000L6D	37,684	LDS1000L6D	40,260	460/3/60	2 Fan	See Note 1
-	-	LDT1000L6E	39,113	LDN1000L6E	38,439	LDS1000L6E	41,064	575/3/60	2 Fan	See Note 1
-	-	LDT1200L6C	38,341	LDN1200L6C	37,648	LDS1200L6C	40,199	208-230/3/60	2 Fan Large	See Note 1
-	-	LDT1200L6D	39,656	LDN1200L6D	38,962	LDS1200L6D	41,514	460/3/60	2 Fan Large	See Note 1
-	-	LDT1200L6E	40,448	LDN1200L6E	39,740	LDS1200L6E	42,345	575/3/60	2 Fan Large	See Note 1
-	-	LDT1500L6C	40,056	LDN1500L6C	39,362	LDS1500L6C	41,916	208-230/3/60	2 Fan Large	See Note 1
-	-	LDT1500L6D	43,188	LDN1500L6D	42,494	LDS1500L6D	45,048	460/3/60	2 Fan Large	See Note 1
-	-	LDT1500L6E	44,054	LDN1500L6E	43,345	LDS1500L6E	45,951	575/3/60	2 Fan Large	See Note 1
-	-	LDT2200L6C	46,907	LDN2200L6C	46,214	LDS2200L6C	48,768	208-230/3/60	2 Fan Large	See Note 1
-	-	LDT2200L6D	47,498	LDN2200L6D	47,230	LDS2200L6D	49,355	460/3/60	2 Fan Large	See Note 1
-	-	LDT2200L6E	48,447	LDN2200L6E	47,739	LDS2200L6E	50,343	575/3/60	2 Fan Large	See Note 1
Scroll Medium Temperature (R-404A/507, R407A/R407F, R407C, and R448A/R449A)										
-	-	LZT0650M6C	25,503	LZN0650M6C	25,009	LZS0650M6C	26,989	208-230/3/60	1 Fan	-
-	-	LZT0650M6D	27,160	LZN0650M6D	26,666	LZS0650M6D	28,644	460/3/60	1 Fan	-
-	-	LZT0650M6E	27,702	LZN0650M6E	27,202	LZS0650M6E	29,219	575/3/60	1 Fan	-
-	-	LZT0700M6C	25,563	LZN0700M6C	25,068	LZS0700M6C	27,479	208-230/3/60	2 Fan	-
-	-	LZT0700M6D	27,224	LZN0700M6D	26,730	LZS0700M6D	28,990	460/3/60	2 Fan	-
-	-	LZT0700M6E	27,802	LZN0700M6E	27,307	LZS0700M6E	29,569	575/3/60	2 Fan	-
-	-	LZT0750M6C	26,757	LZN0750M6C	26,098	LZS0750M6C	28,672	208-230/3/60	2 Fan	-
-	-	LZT0750M6D	28,416	LZN0750M6D	27,757	LZS0750M6D	30,329	460/3/60	2 Fan	-
-	-	LZT0750M6E	28,982	LZN0750M6E	28,307	LZS0750M6E	30,934	575/3/60	2 Fan	-
-	-	LZT0860M6C	31,713	LZN0860M6C	31,055	LZS0860M6C	33,629	208-230/3/60	2 Fan	-
-	-	LZT0860M6D	32,470	LZN0860M6D	31,812	LZS0860M6D	34,385	460/3/60	2 Fan	-
-	-	LZT0860M6E	33,119	LZN0860M6E	32,447	LZS0860M6E	35,071	575/3/60	2 Fan	-
-	-	LZT1000M6C	34,871	LZN1000M6C	32,951	LZS1000M6C	36,787	208-230/3/60	2 Fan	-
-	-	LZT1000M6D	35,155	LZN1000M6D	33,235	LZS1000M6D	37,067	460/3/60	2 Fan	-
-	-	LZT1000M6E	35,858	LZN1000M6E	33,899	LZS1000M6E	37,808	575/3/60	2 Fan	-
-	-	LZT1401M6C	38,936	LZN1401M6C	36,907	LZS1401M6C	40,960	208-230/3/60	2 Fan Large	-
-	-	LZT1401M6D	40,448	LZN1401M6D	37,201	LZS1401M6D	41,258	460/3/60	2 Fan Large	-
-	-	LZT1401M6E	40,014	LZN1401M6E	37,944	LZS1401M6E	42,083	575/3/60	2 Fan Large	-

Notes:

1. For R407A/R407F, R407C, and R448A/R449A low temperature operation, add Demand Cooling Kit.



Air-Cooled Condensing Units

3 - 22 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Scroll Low Temperature (R-404A/507, R-407A/R407F, R-407C, R-448A/R-449A)										
-	-	LZT0750L6C	24,114	LZN0750L6C	23,619	LZS0750L6C	25,598	208-230/3/60	1 Fan	-
-	-	LZT0750L6D	25,598	LZN0750L6D	25,105	LZS0750L6D	27,084	460/3/60	1 Fan	-
-	-	LZT0750L6E	26,109	LZN0750L6E	25,606	LZS0750L6E	27,625	575/3/60	1 Fan	-
-	-	LZT1000L6C	29,932	LZN1000L6C	29,440	LZS1000L6C	31,418	208-230/3/60	1 Fan	-
-	-	LZT1000L6D	31,486	LZN1000L6D	30,991	LZS1000L6D	32,968	460/3/60	1 Fan	-
-	-	LZT1000L6E	32,115	LZN1000L6E	31,611	LZS1000L6E	33,629	575/3/60	1 Fan	-
-	-	LZT1300L6C	33,610	LZN1300L6C	32,951	LZS1300L6C	35,524	208-230/3/60	2 Fan	-
-	-	LZT1300L6D	34,410	LZN1300L6D	33,750	LZS1300L6D	36,329	460/3/60	2 Fan	-
-	-	LZT1300L6E	35,099	LZN1300L6E	34,426	LZS1300L6E	37,053	575/3/60	2 Fan	-
-	-	LZT1500L6C	34,709	LZN1500L6C	34,052	LZS1500L6C	36,628	208-230/3/60	2 Fan	-
-	-	LZT1500L6D	35,511	LZN1500L6D	34,851	LZS1500L6D	37,430	460/3/60	2 Fan	-
-	-	LZT1500L6E	36,219	LZN1500L6E	35,547	LZS1500L6E	38,177	575/3/60	2 Fan	-

Notes:

1. For R407A/R407F, R407C, and R448A/R449A low temperature operation, add Demand Cooling Kit.

Air-Cooled Condensing Units



3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
Electrical Options						
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	602	602	-
SW.007	Adjustable high pressure switch w/ manual reset & adjustable low pressure switch	2 Fan & 2 Fan Large	-	424	424	424
SW.002	Dual pressure control with adjustable high & low pressure settings	All	Standard heated and insulated receiver kit option can't be used with this option. Contact factory	166	166	-
FSD.001-1	Mounted fused disconnect	1 Fan (230V)	-	1,140	-	1,140
FSD.001-2	Mounted fused disconnect	1 Fan (460V)	-	1,312	-	1,312
FSD.001-3	Mounted fused disconnect	2 Fan (230V)	-	2,002	-	2,002
FSD.001-4	Mounted fused disconnect	2 Fan (460V)	-	2,305	-	2,305
FSD.001-5	Mounted fused disconnect	2 Fan Large (230V)	-	2,753	-	2,753
FSD.001-6	Mounted fused disconnect	2 Fan Large (460V)	-	3,771	-	3,771
PLM.001	Phase Loss Monitor	All	-	1,235	1,235	1,235
FCY.002-1	Fan Cycling - Temperature & Pressure	1 Fan	-	428	-	Press. Std.
FCY.014	Fan Cycling - Temperature & Pressure	2 Fan	-	594	-	Press. Std.
FCY.002-2	Fan Cycling - Temperature & Pressure	2 Fan Large	-	594	-	Press. Std.
ELC.007-1	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 230V	-	2,570	2,570	-
ELC.007-2	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 460V	-	3,903	3,903	-
CFS.001	Compressor Fusing	2 Fan Large	-	443	443	443
ELC.008-2	NEMA Contactors	2 Fan Large - 230V	-	2,349	2,349	-
ELC.008-1	NEMA Contactors	2 Fan Large - 460V	-	1,363	1,363	-
MS.001-1	Variable Speed EC Motor with Orbus Controller	1 Fan (208-230/3/60)	-	1,187	-	1,187
MS.001-2	Variable Speed EC Motor with Orbus Controller	2 Fan (208-230/3/60)	Not suitable for 2 Fan Large (230V) Units (1401H6, 1500M6, 1200L6 – 2200L6)	2,106	-	2,106

Section 2

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically



Air-Cooled Condensing Units

3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
MS.001-3	Variable Speed EC Motor with Orbus Controller	2 Fan Large (230V)	-	N/A	-	N/A
MS.001-4	Variable Speed EC Motor with Orbus Controller	1 Fan (460V)	-	2,960	-	2,960
MS.001-5	Variable Speed EC Motor with Orbus Controller	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (1401H6, 1500M6, 1200L6 - 2200L6)	4,016	-	4,016
MS.001-6	Variable Speed EC Motor with Orbus Controller	2 Fan Large (460V)	-	N/A	-	N/A
Mechanical Options						
LIQ.003	Replaceable core liquid-line filter drier & sight glass	All	-	509	509	509
LIQ.002-3	Liquid-line solenoid valve	1 Fan	Not recommended on applications with line runs more than 25 feet.	667	667	-
LIQ.002-4	Liquid-line solenoid valve	2 Fan	Not recommended on applications with line runs more than 25 feet.	748	748	-
LIQ.002-5	Liquid-line solenoid valve	2 Fan Large	Not recommended on applications with line runs more than 25 feet.	1,025	1,025	-
SUC.003-1	Suction-line filter	1 Fan	-	509	509	509
SUC.003-2	Suction-line filter	2 Fan	-	865	865	865
SUC.003-3	Suction-line filter	2 Fan Large	-	1,382	1,382	1,382
SUC.005-1	Replaceable core suction-line filter	1 Fan	-	979	979	979
SUC.005-2	Replaceable core suction-line filter	2 Fan	-	1,336	1,336	1,336
SUC.005-3	Replaceable core suction-line filter	2 Fan Large	-	1,808	1,808	1,808
SUC.007-1	Suction accumulator	1 Fan	-	783	783	783
SUC.007-2	Suction accumulator	2 Fan	-	1,218	1,218	1,218
SUC.007-3	Suction accumulator	2 Fan Large	-	2,951	2,951	2,951
DIS.004-1	Head pressure control valve - 180psi fixed	1 & 2 Fan	-	Standard	382	Standard
DIS.004-2	Head pressure control valve - adjustable	2 Fan Large	-	Standard	1,297	Standard
DIS.001-1	Oil separator with discharge line check valve	1 Fan	-	1,417	1,417	1,417
DIS.001-2	Oil separator with discharge line check valve	2 Fan	-	1,497	1,497	1,497
DIS.001-3	Oil separator with discharge line check valve	2 Fan Large	-	1,771	1,771	1,771
UNL.001	Compressor Unloading (One Step)	2 Fan Large	-	2,444	2,444	-
DMD.001	Demand Cooling for low temperature R-407A/R-407F, R-407C, and R-448A/R-449A	All L6	Discuss Compressors Only	2,561	2,561	2,561
REC.010-3	Oversized receiver	1 Fan	See technical bulletin for volumes	1,335	1,335	1,335
REC.010-2	Oversized receiver	2 Fan	See technical bulletin for volumes	664	664	664
REC.010-1	Oversized receiver	2 Fan Large	See technical bulletin for Volumes	410	410	410

Air-Cooled Condensing Units



3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
LOW.001-1	Heated & Insulated reciever with low pressure cut-out time delay	1 & 2 Fan	-	857	-	857
LOW.001-2	Heated & Insulated reciever with low pressure cut-out time delay	2 Fan Large	-	1,145	-	1,145
LVR.001-1	Louvered guard for snowbelt regions	1 Fan	-	1,297	-	1,297
LVR.001-2	Louvered guard for snowbelt regions	2 Fan	-	1,477	-	1,477
Coil Options						
CS.PRO-1	ProKote™ condenser fin protection	1 Fan	-	1,330	1,330	1,330
CS.PRO-2	ProKote™ condenser fin protection	2 Fan	-	1,838	1,838	1,838
CS.PRO-3	ProKote™ condenser fin protection	2 Fan Large	-	2,582	2,582	2,582
CS.CPR-1	Copper condenser fins	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.ELEC-1	ElectroFin coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory

3 - 22 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1** Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2** For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.
- 3** If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.007-2	Electric Defrost Kit (High Amps)	1 Fan	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,384	1,384
DFT.007-3	Electric Defrost Kit (High Amps)	2 Fan	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,543	1,543
DFT.028	Electric Defrost Kit (Low Amps)	2 Fan Large	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	2,095	2,095
DFT.029	Electric Defrost Kit (High Amps)	2 Fan Large	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	3,014	3,014
DEF.066	Fuses for electric defrost kits	1 & 2 Fan	-	492	492
DEF.067	Fuses for electric defrost kits	2 Fan Large	-	492	492
EHR.001	Evaporator hold out relay	2 Fan Large	-	244	244
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930	930

3 - 22 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50053301	8" Extended Legs	1 Fan & 2 Fan	-	470
59894901	12" Extended Legs	2 Fan Large	-	546
59898801	Hail Guards	1 Fan	-	501
59898901	Hail Guards	2 Fan	-	566
59896801	Hail Guards	2 Fan Large	-	635

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832

4 - 13 HP Horizontal Air Discharge

Overview



Product Description:

The 4-13 HP condensing unit product line with Bitzer® compressors feature an enhanced grill design that gives up to 40% more free-air area than prior models and its vertical receiver needs less refrigerant to ensure a full column of liquid reaches the expansion valve. Fan motors and serviceable components are accessible via the front grill for quick service and the sight glass is conveniently placed so that charging is quick, easy and accurate. Thorough cleaning of the coil is easier because the unit's top is one piece and lighter for easy removal. A liquid base valve and suction service tap is placed on the outside of the cabinet for easy pump-downs and quick diagnosis. The footprint is smaller for easy jobsite placement. These condensing units utilize the Floating Tube™ design, which eliminates tube-sheet leaks, allowing a 5-year warranty against tube-sheet leaks. PSC motors come standard to help you save money

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Nomenclature

L	B	T	0601	L	6	C
Model	Compressor	Application	Equiv. HP	Operating Range	Refrigerant	Voltage
L = Larkin	B = Bitzer	S = IntelliGen™/Beacon II™ T = Outdoor N = Indoor	0401 = 4 HP 0551 = 5 HP 0601 = 6 HP 0611 = 6 HP 0751 = 7.5 HP 0901 = 9 HP 1001 = 10 HP 1201 = 12 HP 1301 = 13 HP	L = Low M = Medium	6 = R-404A/R-507A, R-407A/F, R-407C, R-448A/ R-449A	C = 208-230/3/60 D = 460/3/60 E = 575/3/60

Cabinet & Construction

- All units feature the Floating Tube™ coil design, eliminating tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance
- Enhanced grill design provides 25-40% increase in free-air area

Serviceability

- Manual pumpdown switch on all units
- Dual isolation valves on receiver
- Base valve and high/low pressure taps on outside of cabinet
- Removable grill for access to all serviceable parts
- Lighter, one-piece top is easily removed for improved serviceability

Quality

- Sight Glass is easily viewable
- Fixed high and adjustable low pressure switch
- Refrigeration duty, rifled copper condenser tubing
- Electrical box relocated outside of air stream (improved air flow)
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible, to reduce leak potential

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Available with compressor unloading

Other

- Crankcase heater and head pressure valve on all outdoor units
- Sight glass and permanent liquid line filter

Motors

- Available with Variable Speed EC Motors

Air-Cooled Condensing Units



4 - 13 HP Horizontal Air Discharge

Configurable Models Pricing

Configurable Models		
Outdoor (T) <ul style="list-style-type: none"> • Prepainted galvanized cabinet • Manual pump-down switch • Electronic oil failure switch • Spring mounted compressors with suction and discharge vibration eliminators • Head pressure control valve • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter • ServiceMate™ Diagnostic Module 	Indoor (N) <ul style="list-style-type: none"> • No cabinet hood • Fan guards & wiring conduit • Manual pump-down switch • Electronic oil failure switch • Spring mounted compressors with suction and discharge vibration eliminators • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter • ServiceMate™ Diagnostic Module 	intelliGen™ / Beacon II™ <ul style="list-style-type: none"> • Outdoor Unit with hood • Manual pump-down switch • Spring mounted compressors with suction and discharge vibration eliminators • Crankcase heater • Head pressure control valve • Wired for intelliGen™ / Beacon II™. intelliGen™ / Beacon II™ fan cycling for two fan units only • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter
Need to customize? Look at the factory-installed options starting on page 129.		

Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)								
LBT0551M6C	26,080	LBN0551M6C	25,585	LBS0551M6C	27,503	208-230/3/60	2 Fan	-
LBT0551M6D	27,384	LBN0551M6D	26,864	LBS0551M6D	28,879	460/3/60	2 Fan	-
LBT0551M6E	27,932	LBN0551M6E	27,400	LBS0551M6E	29,455	575/3/60	2 Fan	-
LBT0751M6C	29,326	LBN0751M6C	28,768	LBS0751M6C	30,925	208-230/3/60	2 Fan	-
LBT0751M6D	30,792	LBN0751M6D	30,208	LBS0751M6D	32,472	460/3/60	2 Fan	-
LBT0751M6E	31,407	LBN0751M6E	30,809	LBS0751M6E	33,121	575/3/60	2 Fan	-
LBT0901M6C	34,754	LBN0901M6C	34,093	LBS0901M6C	36,648	208-230/3/60	2 Fan Large	-
LBT0901M6D	36,491	LBN0901M6D	35,798	LBS0901M6D	38,483	460/3/60	2 Fan Large	-
LBT0901M6E	37,220	LBN0901M6E	36,514	LBS0901M6E	39,251	575/3/60	2 Fan Large	-
LBT1001M6C	35,423	LBN1001M6C	34,751	LBS1001M6C	37,357	208-230/3/60	2 Fan Large	-
LBT1001M6D	37,194	LBN1001M6D	36,487	LBS1001M6D	39,224	460/3/60	2 Fan Large	-
LBT1001M6E	37,939	LBN1001M6E	37,218	LBS1001M6E	40,010	575/3/60	2 Fan Large	-
Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)								
LBT0401L6C	24,418	LBN0401L6C	23,979	LBS0401L6C	25,490	208-230/3/60	1 Fan	-
LBT0401L6D	25,371	LBN0401L6D	24,915	LBS0401L6D	26,484	460/3/60	1 Fan	-
LBT0401L6E	25,884	LBN0401L6E	25,418	LBS0401L6E	27,019	575/3/60	1 Fan	-
LBT0551L6C	25,657	LBN0551L6C	25,197	LBS0551L6C	26,784	208-230/3/60	1 Fan	-
LBT0551L6D	26,658	LBN0551L6D	26,177	LBS0551L6D	27,828	460/3/60	1 Fan	-
LBT0551L6E	27,199	LBN0551L6E	26,708	LBS0551L6E	28,390	575/3/60	1 Fan	-
LBT0601L6C	30,785	LBN0601L6C	30,230	LBS0601L6C	32,135	208-230/3/60	2 Fan	-
LBT0601L6D	31,985	LBN0601L6D	31,409	LBS0601L6D	33,389	460/3/60	2 Fan	-
LBT0601L6E	32,631	LBN0601L6E	32,046	LBS0601L6E	34,063	575/3/60	2 Fan	-
LBT0611L6C	31,527	LBN0611L6C	30,960	LBS0611L6C	32,909	208-230/3/60	2 Fan	-
LBT0611L6D	32,756	LBN0611L6D	32,168	LBS0611L6D	34,194	460/3/60	2 Fan	-
LBT0611L6E	33,419	LBN0611L6E	32,817	LBS0611L6E	34,884	575/3/60	2 Fan	-
LBT0751L6C	32,878	LBN0751L6C	32,287	LBS0751L6C	34,320	208-230/3/60	2 Fan	-
LBT0751L6D	34,161	LBN0751L6D	33,544	LBS0751L6D	35,658	460/3/60	2 Fan	-



Air-Cooled Condensing Units

4 - 13 HP Horizontal Air Discharge

Configurable Models Pricing

Outdoor (T)		Indoor (N)		intelliGen™ / Beacon II™		Voltage	Cabinet	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LBT0751L6E	34,852	LBN0751L6E	34,224	LBS0751L6E	36,380	575/3/60	2 Fan	-
LBT1001L6C	37,559	LBN1001L6C	36,882	LBS1001L6C	39,206	208-230/3/60	2 Fan	-
LBT1001L6D	39,023	LBN1001L6D	38,321	LBS1001L6D	40,737	460/3/60	2 Fan	-
LBT1001L6E	39,811	LBN1001L6E	39,096	LBS1001L6E	41,559	575/3/60	2 Fan	-
LBT1201L6C	38,341	LBN1201L6C	37,649	LBS1201L6C	40,022	208-230/3/60	2 Fan Large	-
LBT1201L6D	39,835	LBN1201L6D	39,117	LBS1201L6D	41,583	460/3/60	2 Fan Large	-
LBT1201L6E	40,639	LBN1201L6E	39,909	LBS1201L6E	42,423	575/3/60	2 Fan Large	-
LBT1301L6C	40,056	LBN1301L6C	39,335	LBS1301L6C	41,812	208-230/3/60	2 Fan Large	-
LBT1301L6D	41,618	LBN1301L6D	40,868	LBS1301L6D	43,444	460/3/60	2 Fan Large	-
LBT1301L6E	42,459	LBN1301L6E	41,695	LBS1301L6E	44,322	575/3/60	2 Fan Large	-

Section 2

Air-Cooled Condensing Units



4 - 13 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
Electrical Options						
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	602	602	-
SW.007	Adjustable high pressure switch w/ manual reset & adjustable low pressure switch	All	-	424	424	424
SW.002	Dual pressure control with adjustable high & low pressure settings	All	Standard heated and insulated receiver kit option can't be used with this option. Contact factory	166	166	-
FSD.001-3	Mounted fused disconnect	1 Fan (230V)	-	1,140	-	1,140
FSD.001-4	Mounted fused disconnect	1 Fan (460V)	-	2,960	-	2,960
FSD.001-5	Mounted fused disconnect	2 Fan (230V)	-	2,002	-	2,002
FSD.001-6	Mounted fused disconnect	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	4,016	-	4,016
FSD.001-7	Mounted fused disconnect	2 Fan Large (230V)	-	2,753	-	2,753
FSD.001-8	Mounted fused disconnect	2 Fan Large (460V)	-	3,771	-	3,771
PLM.001	Phase Loss Monitor	All	-	1,235	1,235	1,235
FCY.002-1	Fan Cycling - Temperature & Pressure	1 Fan	-	428	-	Press. Std.
FCY.014	Fan Cycling - Temperature & Pressure	2 Fan	-	594	-	Press. Std.
FCY.002-2	Fan Cycling - Temperature & Pressure	2 Fan Large	-	594	-	Press. Std.
ELC.007-1	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 230V	-	2,570	2,570	-
ELC.007-2	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 460V	-	3,903	3,903	-
CFS.001	Compressor Fusing	2 Fan Large	-	443	443	443
ELC.008-2	NEMA Contactors	2 Fan Large - 230V	-	2,349	2,349	-
ELC.008-1	NEMA Contactors	2 Fan Large - 460V	-	1,363	1,363	-
MS.001-1	Variable Speed EC Motor with Orbus Controller	1 Fan (208-230/3/60)	-	1,271	-	N/A
MS.001-2	Variable Speed EC Motor with Orbus Controller	2 Fan (208-230/3/60)	Not suitable for 2 Fan Large (230V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	2,065	-	2,065
MS.001-3	Variable Speed EC Motor with Orbus Controller	2 Fan Large (230V)	-	N/A	-	N/A
MS.001-4	Variable Speed EC Motor with Orbus Controller	1 Fan (460V)	-	2,960	-	2,960
MS.001-5	Variable Speed EC Motor with Orbus Controller	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	4,016	-	4,016
MS.001-6	Variable Speed EC Motor with Orbus Controller	2 Fan Large (460V)	-	N/A	-	N/A

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.



Air-Cooled Condensing Units

4 - 13 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	intelliGen™ / Beacon II™
Mechanical Options						
LIQ.003	Replaceable core liquid-line filter drier & sight glass	All	-	509	509	509
LIQ.002-1	Liquid-line solenoid valve	1 Fan	Not recommended on applications with line runs more than 25 feet.	667	667	-
LIQ.002-2	Liquid-line solenoid valve	2 Fan	Not recommended on applications with line runs more than 25 feet.	748	748	-
LIQ.002-3	Liquid-line solenoid valve	2 Fan Large	Not recommended on applications with line runs more than 25 feet.	1,025	1,025	-
SUC.003-1	Suction-line filter	1 Fan	-	509	509	509
SUC.003-2	Suction-line filter	2 Fan	-	865	865	865
SUC.003-3	Suction-line filter	2 Fan Large	-	1,382	1,382	1,382
SUC.005-1	Replaceable core suction-line filter	1 Fan	-	979	979	979
SUC.005-2	Replaceable core suction-line filter	2 Fan	-	1,336	1,336	1,336
SUC.005-3	Replaceable core suction-line filter	2 Fan Large	-	1,808	1,808	1,808
SUC.007-1	Suction accumulator	1 Fan	-	783	783	783
SUC.007-2	Suction accumulator	2 Fan	-	1,218	1,218	1,218
SUC.007-3	Suction accumulator	2 Fan Large	-	2,951	2,951	2,951
DIS.004-1	Head pressure control valve - 180psi fixed	1 & 2 Fan	-	Standard	382	Standard
DIS.004-2	Head pressure control valve - adjustable	2 Fan Large	-	Standard	1,297	Standard
DIS.001-1	Oil separator with discharge line check valve	1 Fan	-	1,417	1,417	1,417
DIS.001-2	Oil separator with discharge line check valve	2 Fan	-	1,497	1,497	1,497
DIS.001-3	Oil separator with discharge line check valve	2 Fan Large	-	1,771	1,771	1,771
UNL.001	Compressor Unloading (One Step)	All	-	2,444	2,444	-
REC.010-3	Oversized receiver	1 Fan	See technical bulletin for volumes	1,335	1,335	1,335
REC.010-2	Oversized receiver	2 Fan	See technical bulletin for volumes	664	664	664
REC.010-1	Oversized receiver	2 Fan Large	See technical bulletin for Volumes	410	410	410
LOW.001-1	Heated & Insulated receiver with low pressure cut-out time delay	1 & 2 Fan	-	857	-	857
LOW.001-2	Heated & Insulated receiver with low pressure cut-out time delay	2 Fan Large	-	1,145	-	1,145
LVR.001-1	Louvered guard for snowbelt regions	1 Fan	-	1,297	-	1,297
LVR.001-2	Louvered guard for snowbelt regions	2 Fan	-	1,477	-	1,477
Coil Options						
CS.PRO-1	ProKote™ condenser fin protection	1 Fan	-	1,330	1,330	1,330
CS.PRO-2	ProKote™ condenser fin protection	2 Fan	-	1,838	1,838	1,838
CS.PRO-3	ProKote™ condenser fin protection	2 Fan Large	-	2,582	2,582	2,582
CS.CPR-1	Copper condenser fins	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.ELEC-1	ElectroFin coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory

4 - 13 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3

Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.KIT	Electric Defrost Kit	All	Includes (1) electric defrost timer, (1) heater contactor (48 amp maximum heater load), (1) fan contactor, terminal strip, and fusing	N/A	2,037
DFT.CHR	Additional Heater Contactor and hold out relay	All	48 amp maximum heater load per heater contactor. Can only have a maximum of 2 heater contactors per unit.	736	736
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930	930



Air-Cooled Condensing Units

4 - 13 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50053301	8" Extended Legs	1 Fan & 2 Fan	-	470
59894901	12" Extended Legs	2 Fan Large	-	546
59898801	Hail Guards	1 Fan	-	501
59898901	Hail Guards	2 Fan	-	566
59896801	Hail Guards	2 Fan Large	-	635

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on IntelliGen(TM) / Beacon II (TM). Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832

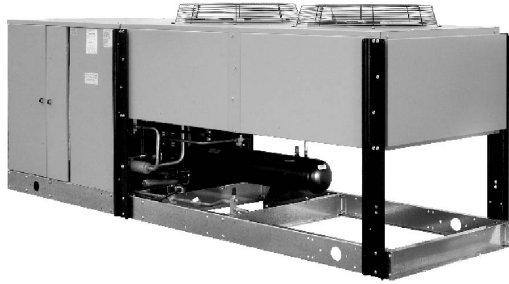
Section 2

Air-Cooled Condensing Units



12 - 40 HP Vertical Air Discharge

Overview



Product Description

The 12-40 HP vertical condensing units are designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides reliability against tube sheet leaks.

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight Glass is easily viewable
- Fixed high and adjustable low pressure switch
- Refrigeration duty, rifled copper condenser tubing
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate subcooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon™ condensing units

Components

Compressor

- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves.

Other

- Sight glass and permanent liquid line filter

Motors

- Available with Variable Speed EC Motors

Nomenclature

L	D	V	S	1501	H	6	C
Model	Compressor	Style	intelliGen™ Beacon II™	Equiv. HP	Operating Range	Refrigerant	Voltage
L = Larkin	D = Discus® L = Limitizer	V = Vertical	S = IntelliGen™/ Beacon II™ No "S" = non intelliGen™/Beacon II™	1200/1201 = 12 HP 1500/1501 = 15 HP 2000/2001 = 20 HP 2200/2201 = 22 HP 2500/2501 = 25 HP 2600 = 25 HP 2700/2701 = 27 HP 3000/3001 = 30 HP 3500/3501 = 35 HP 1500/1501 = 15 HP	H = High L = Low M = Medium	6 = R-404A/ R-507A, R-407A/F, R-407C, R-448A/ R-449A	C = 208-230/3/60 (200-220/3/50) D = 460/3/60 (380- 420/3/50) K = 230/3/60 (220/3/50) E = 575/3/60



Air-Cooled Condensing Units

12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

intelliGen™ / Beacon II™

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for intelliGen™ / Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 137.

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Standard Models: Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDV1500M6C	41,017	LDVS1500M6C	44,035	208-230/3/60	Standard	-
LDV1500M6D	41,828	LDVS1500M6D	44,844	460/3/60	Standard	-
LDV1500M6E	42,663	LDVS1500M6E	45,740	575/3/60	Standard	-
LDV2000M6C	45,642	LDVS2000M6C	48,658	208-230/3/60	Standard	-
LDV2000M6D	46,453	LDVS2000M6D	49,470	460/3/60	Standard	-
LDV2000M6E	47,382	LDVS2000M6E	50,458	575/3/60	Standard	-
LDV2500M6C	54,457	LDVS2500M6C	57,476	208-230/3/60	Standard	-
LDV2500M6D	55,266	LDVS2500M6D	58,285	460/3/60	Standard	-
LDV2500M6E	56,371	LDVS2500M6E	59,450	575/3/60	Standard	-
LDV2600M6C	61,163	LDVS2600M6C	64,179	208-230/3/60	Standard	-
LDV2600M6D	61,972	LDVS2600M6D	64,995	460/3/60	Standard	-
LDV2600M6E	63,213	LDVS2600M6E	66,293	575/3/60	Standard	-
LDV3000M6C	63,869	LDVS3000M6C	66,888	208-230/3/60	Standard	-
LDV3000M6D	64,680	LDVS3000M6D	67,697	460/3/60	Standard	-
LDV3000M6E	65,974	LDVS3000M6E	69,049	575/3/60	Standard	-
LDV3500M6C	72,295	LDVS3500M6C	75,675	208-230/3/60	Standard	-
LDV3500M6D	72,961	LDVS3500M6D	76,344	460/3/60	Standard	-
LDV3500M6E	74,423	LDVS3500M6E	77,870	575/3/60	Standard	-
LDV4000M6D	80,850	LDVS4000M6D	84,226	460/3/60	Standard	-
LDV4000M6K	79,762	LDVS4000M6K	83,142	230/3/60	Standard	-
LDV4000M6E	82,465	LDVS4000M6E	85,911	575/3/60	Standard	-
Standard Models: Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDV1200L6C	42,059	LDVS1200L6C	45,073	208-230/3/60	Standard	See Note 2
LDV1200L6D	42,874	LDVS1200L6D	45,890	460/3/60	Standard	See Note 2
LDV1200L6E	43,729	LDVS1200L6E	46,809	575/3/60	Standard	See Note 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-407A/R-407F, R407C, and R-448A/R-449A low temperature operation, add Demand Cooling Kit.

Section 2

Air-Cooled Condensing Units



12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LDV1500L6C	44,028	LDVS1500L6C	47,043	208-230/3/60	Standard	See Note 2
LDV1500L6D	44,838	LDVS1500L6D	47,855	460/3/60	Standard	See Note 2
LDV1500L6E	45,736	LDVS1500L6E	48,813	575/3/60	Standard	See Note 2
LDV2200L6C	51,670	LDVS2200L6C	54,690	208-230/3/60	Standard	See Note 2
LDV2200L6D	52,483	LDVS2200L6D	55,499	460/3/60	Standard	See Note 2
LDV2200L6E	53,531	LDVS2200L6E	56,608	575/3/60	Standard	See Note 2
LDV2700L6C	59,388	LDVS2700L6C	62,403	208-230/3/60	Standard	See Note 2
LDV2700L6D	60,198	LDVS2700L6D	63,215	460/3/60	Standard	See Note 2
LDV2700L6E	61,402	LDVS2700L6E	64,479	575/3/60	Standard	See Note 2
LDV3000L6C	65,896	LDVS3000L6C	68,911	208-230/3/60	Standard	See Note 2
LDV3000L6D	66,705	LDVS3000L6D	69,722	460/3/60	Standard	See Note 2
LDV3000L6E	68,041	LDVS3000L6E	71,117	575/3/60	Standard	See Note 2
High Efficiency Models: High Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDV1501H6C	45,363	LDVS1501H6C	48,382	208-230/3/60	High Efficiency	See Note 1
LDV1501H6D	46,175	LDVS1501H6D	49,191	460/3/60	High Efficiency	See Note 1
LDV1501H6E	47,100	LDVS1501H6E	50,178	575/3/60	High Efficiency	See Note 1
LDV2001H6C	47,824	LDVS2001H6C	50,842	208-230/3/60	High Efficiency	See Note 1
LDV2001H6D	48,637	LDVS2001H6D	51,651	460/3/60	High Efficiency	See Note 1
LDV2001H6E	49,611	LDVS2001H6E	52,684	575/3/60	High Efficiency	See Note 1
LDV2501H6C	67,391	LDVS2501H6C	70,771	208-230/3/60	High Efficiency	See Note 1
LDV2501H6D	68,278	LDVS2501H6D	71,656	460/3/60	High Efficiency	See Note 1
LDV2501H6E	69,641	LDVS2501H6E	73,090	575/3/60	High Efficiency	See Note 1
LDV3001H6C	70,330	LDVS3001H6C	73,713	208-230/3/60	High Efficiency	See Note 1
LDV3001H6D	71,143	LDVS3001H6D	74,521	460/3/60	High Efficiency	See Note 1
LDV3001H6E	72,565	LDVS3001H6E	76,012	575/3/60	High Efficiency	See Note 1
LDV3501H6C	87,941	LDVS3501H6C	91,638	208-230/3/60	High Efficiency	See Note 1
LDV3501H6D	88,751	LDVS3501H6D	92,451	460/3/60	High Efficiency	See Note 1
LDV3501H6E	90,527	LDVS3501H6E	94,301	575/3/60	High Efficiency	See Note 1
LDV4001H6D	89,737	LDVS4001H6D	93,436	460/3/60	High Efficiency	See Note 1
LDV4001H6E	91,531	LDVS4001H6E	95,307	575/3/60	High Efficiency	See Note 1
LDV4001H6K	88,909	LDVS4001H6K	92,601	575/3/60'	High Efficiency	See Note 1
High Efficiency Models: Low Temperature (R-404A/507, R-407A/R-407F, R407C, and R-448A/R-449A)						
LDV1201L6C	43,898	LDVS1201L6C	46,916	208-230/3/60	High Efficiency	See Note 1, 2
LDV1201L6D	44,712	LDVS1201L6D	47,730	460/3/60	High Efficiency	See Note 1, 2
LDV1201L6E	45,606	LDVS1201L6E	48,685	575/3/60	High Efficiency	See Note 1, 2
LDV1501L6C	47,169	LDVS1501L6C	50,188	208-230/3/60	High Efficiency	See Note 1, 2
LDV1501L6D	47,981	LDVS1501L6D	50,994	460/3/60	High Efficiency	See Note 1, 2
LDV1501L6E	48,938	LDVS1501L6E	52,012	575/3/60	High Efficiency	See Note 1, 2
LDV2201L6C	54,913	LDVS2201L6C	57,929	208-230/3/60	High Efficiency	See Note 1, 2
LDV2201L6D	55,726	LDVS2201L6D	58,743	460/3/60	High Efficiency	See Note 1, 2
LDV2201L6E	56,840	LDVS2201L6E	59,920	575/3/60	High Efficiency	See Note 1, 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-407A/R-407F, R407C, and R-448A/R-449A low temperature operation, add Demand Cooling Kit.



Air-Cooled Condensing Units

12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LDV2701L6C	66,014	LDVS2701L6C	69,394	208-230/3/60	High Efficiency	See Note 1, 2
LDV2701L6D	66,823	LDVS2701L6D	70,203	460/3/60	High Efficiency	See Note 1, 2
LDV2701L6E	68,160	LDVS2701L6E	71,605	575/3/60	High Efficiency	See Note 1, 2
LDV3001L6C	69,681	LDVS3001L6C	73,059	208-230/3/60	High Efficiency	See Note 1, 2
LDV3001L6D	70,492	LDVS3001L6D	73,867	460/3/60	High Efficiency	See Note 1, 2
LDV3001L6E	71,904	LDVS3001L6E	75,348	575/3/60	High Efficiency	See Note 1, 2
LDV1201L6C	43,898	LDVS1201L6C	46,916	208-230/3/60	High Efficiency	See Note 1, 2
LDV1201L6D	44,712	LDVS1201L6D	47,730	460/3/60	High Efficiency	See Note 1, 2
LDV1201L6E	45,606	LDVS1201L6E	48,685	575/3/60	High Efficiency	See Note 1, 2
LDV1501L6C	47,169	LDVS1501L6C	50,188	208-230/3/60	High Efficiency	See Note 1, 2
LDV1501L6D	47,981	LDVS1501L6D	50,994	460/3/60	High Efficiency	See Note 1, 2
LDV1501L6E	48,938	LDVS1501L6E	52,012	575/3/60	High Efficiency	See Note 1, 2
LDV2201L6C	54,913	LDVS2201L6C	57,929	208-230/3/60	High Efficiency	See Note 1, 2
LDV2201L6D	55,726	LDVS2201L6D	58,743	460/3/60	High Efficiency	See Note 1, 2
LDV2201L6E	56,840	LDVS2201L6E	59,920	575/3/60	High Efficiency	See Note 1, 2
LDV2701L6C	66,014	LDVS2701L6C	69,394	208-230/3/60	High Efficiency	See Note 1, 2
LDV2701L6D	66,823	LDVS2701L6D	70,203	460/3/60	High Efficiency	See Note 1, 2
LDV2701L6E	68,160	LDVS2701L6E	71,605	575/3/60	High Efficiency	See Note 1, 2
LDV3001L6C	69,681	LDVS3001L6C	73,059	208-230/3/60	High Efficiency	See Note 1, 2
LDV3001L6D	70,492	LDVS3001L6D	73,867	460/3/60	High Efficiency	See Note 1, 2
LDV3001L6E	71,904	LDVS3001L6E	75,348	575/3/60	High Efficiency	See Note 1, 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-407A/R-407F, R407C, and R-448A/R-449A low temperature operation, add Demand Cooling Kit.

Air-Cooled Condensing Units



12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
Electrical Options					
DFT.001	Defrost Timer - Air	All	Medium temperature applications only.	602	-
FCY.001-1	Fan Cycling - Temperature	1200-3000 Standard Models 1201- 2201 High Efficiency Models	Fan closest to the header is not cycled.	1,912	-
FCY.001-2	Fan Cycling - Temperature	3500-4000 Standard Models 2501- 3001 High Efficiency Models	Fan closest to the header is not cycled.	2,277	-
FCY.001-3	Fan Cycling - Temperature	3501-4001 High Efficiency Models	Fan closest to the header is not cycled.	2,596	-
FCY.002-1	Fan Cycling - Pressure	1200-3000 Standard Models 1201- 2201 High Efficiency Models	Fan closest to the header is not cycled.	1,912	-
FCY.002-1	Fan Cycling - Pressure	1200-3000 Standard Models 1201- 2201 High Efficiency Models	Fan closest to the header is not cycled.	-	Standard
FCY.002-2	Fan Cycling - Pressure	3500-4000 Standard Models 2501- 3001 High Efficiency Models	Fan closest to the header is not cycled.	2,277	Standard
FCY.002-3	Fan Cycling - Pressure	3501-4001 High Efficiency Models	Fan closest to the header is not cycled.	2,596	Standard
FSD.001-1	Fused Disconnect	1200-2701 (230V)	-	1,818	1,818
FSD.001-2	Fused Disconnect	1200-2701 (460V)	-	2,651	2,651
FSD.001-3	Fused Disconnect	3000-4001 (460V)	-	3,860	3,860
NFD.008-1	Non-Fused Disconnect	1200-2701 (230V)	-	1,707	1,707
NFD.008-2	Non-Fused Disconnect	1200-2701 (460V)	-	2,457	2,457
NFD.008-3	Non-Fused Disconnect	3000-4001 (460V)	-	3,595	3,595
CBK.002-2	Compressor Circuit Breaker	230V	-	2,822	2,822
CBK.002-1	Compressor Circuit Breaker	460V	-	1,311	1,311
PLM.00X	Phase Loss Monitor	230V & 460V	-	1,235	1,235
TDR.002	Anti-short Cycling Timer	All	-	713	713
HPS.001	Manual Reset High Pressure Switch	All	-	341	341
MS.0012D	Variable Speed EC Motor with proportional pressure controller	1500-2500M6 Standard Models (230V & 460V) 1200-2700L6 Standard Models (230V & 460V) 1201L6-2201L6 High Efficiency Models (230V & 460V)	-	16,816	16,816

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.



Air-Cooled Condensing Units

12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
MS.0012L	Variable Speed EC Motor with proportional pressure controller	1500-2500M6 Standard Models (230V & 460V) 1200-2700L6 Standard Models (230V & 460V) 1201L6-2201L6 High Efficiency Models (230V & 460V)	-	20,468	20,468
MS.0013L	Variable Speed EC Motor with proportional pressure controller	3500-4000M6 Standard Models (230V & 460V) 2501-3001H6 High Efficiency Models (230V & 460V)	-	29,536	29,536
MS.0014L	Variable Speed EC Motor with proportional pressure controller	3501-4001H6 High Efficiency Models (230V & 460V)	-	40,932	40,932
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter drier & sight glass	1200-2201	-	509	509
LIQ.003-2	Replaceable core liquid-line filter drier & sight glass	2500-4001	-	748	748
LIQ.002-1	Liquid-line solenoid valve	1200-2201	Not recommended on applications with line runs more than 25 feet.	1,025	-
LIQ.002-2	Liquid-line solenoid valve	2500-4001	Not recommended on applications with line runs more than 25 feet.	1,099	-
SUC.003-1	Suction-line filter	1200-2001	-	1,382	1,382
SUC.003-2	Suction-line filter	2200-4001	-	1,770	1,770
SUC.005-1	Replaceable core suction-line filter	1200-2001	-	1,807	1,807
SUC.005-2	Replaceable core suction-line filter	2200-4001	-	1,888	1,888
SUC.007-1	Suction accumulator	1200-2001	-	2,951	2,951
SUC.007-2	Suction accumulator	2200-4001	-	3,387	3,387
DIS.001-1	Oil separator with discharge line check valve	1200-3001	-	1,770	1,770
DIS.001-2	Oil separator with discharge line check valve	3500-4001	-	2,991	2,991
MUF.001	Discharge muffler	All	-	501	501

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

Air-Cooled Condensing Units



12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
DIS.002-1	Three way heat reclaim valve with check valve installed	1200-2000	-	1,828	1,828
DIS.002-2	Three way heat reclaim valve with check valve installed	2001-4001	-	2,677	2,677
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All	-	1,815	-
DMD.001	Demand Cooling for low temperature R-407A/R-407F, R-407C, and R-448A/R-449A	1200-3001L6	-	2,561	2,561
REC.001-1	Low Ambient kit with heated and insulated receiver and time delay relay	1200-3001	-	2,795	2,795
REC.001-2	Low Ambient kit with heated and insulated receiver and time delay relay	3500-4001	-	3,672	3,672
Coil Options					
CS.PRO-1	ProKote™ condenser fin protection	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	2,150	-
CS.PRO-1	ProKote™ condenser fin protection	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	2,150	2,150
CS.PRO-2	ProKote™ condenser fin protection	2501-3001 High Efficiency Models	-	2,700	2,700
CS.PRO-3	ProKote™ condenser fin protection	3500-4000 Standard Models	-	2,753	2,753
CS.PRO-4	ProKote™ condenser fin protection	3501-4001 High Efficiency Models	-	3,860	3,860
CS.ELEC-1	ElectroFin coil coating	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.ELEC-4	ElectroFin coil coating	3501-4001 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-1	Copper condenser fins	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.CPR-4	Copper condenser fins	3501-4001 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.BRZ-4	Bronz-Glow coil coating	3501-4001 High Efficiency Models	-	Call Factory	Call Factory

12 - 40 HP Vertical Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.
- 3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.014	Electric Defrost Kit for system with one evaporator - Low Amps (1L)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	1,960
DFT.015	Electric Defrost Kit for system with one evaporator - Low Amps (1H)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	1,960
DFT.011	Electric Defrost Kit for system with two evaporators - Low Amps (2L)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	2,822
DFT.012	Electric Defrost Kit for system with two evaporators - High Amps (2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	2,822
DFT.009	Electric Defrost Kit for system with up to four evaporators - Low Amps (4L)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip	3,680
DFT.010	Electric Defrost Kit for system with up to four evaporators - High Amps (4H)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip	3,680
DEF.017	Fuses for electric defrost kits (1L/1H)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	For systems with one evaporator	492

Air-Cooled Condensing Units



12 - 40 HP Vertical Air Discharge Factory-Installed Electric Defrost Options

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DEF.039	Fuses for electric defrost kits (2L/2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For systems with two evaporators	981
DEF.052	Fuses for electric defrost kits (4L/4H)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	For systems with up to four evaporators	1,969
EHR.001	Evaporator hold out relays - 2 Evaps & 2 Contactors (2L/2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 2L/2H Electric Defrost Kits with two evaporators	379
EHR.002	Evaporator hold out relays - 2 Evaps & 4 Contactors (4L/4H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 4L/4H Electric Defrost Kits with only two evaporators	379
EHR.003	Evaporator hold out relays - 4 Evaps & 4 Contactors (4L/4H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 4L/4H Electric Defrost Kits with four evaporators	758
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930

12 - 40 HP Vertical Air Discharge Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on IntelliGen (TM) / Beacon II (TM). Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

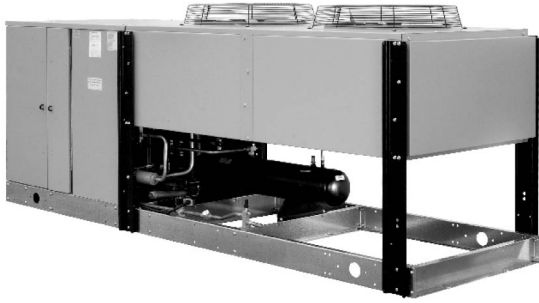
Size	Part Number	List Price (\$US)
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832
2 1/8"	29399089	3,247



Air-Cooled Condensing Units

13 - 50 HP Vertical Air Discharge

Overview



Product Description

The 13-50 HP condensing unit product line with Bitzer® compressors is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for intelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Nomenclature

LDV	300B	L	6	C
Model	Equiv. HP	Operating Range	Refrigerant	Voltage
LDV = Vertical Limiter	130B = 13 HP	L = Low	6 = R-404A/R-507A, R-407A/F, R-407C, R-448A/ R-449A	C = 208-230/3/60
LDVS = Vertical intelliGen™/Beacon II™	150B = 15 HP	M = Medium		D = 460/3/60
	200B = 20 HP			E = 575/3/60
	220B = 22 HP			
	250B = 25 HP			
	300B = 30 HP			
	330B = 33 HP			
	350B = 35 HP			
	400B = 40 HP			
	500B = 50 HP			

Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-intelliGen (TM) / Beacon II (TM) condensing units

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Available with compressor unloading
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent liquid line filter

Air-Cooled Condensing Units



13 - 50 HP Vertical Air Discharge

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Crankcase heater
- ServiceMate™ Diagnostic Module

intelliGen™ / Beacon II™

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Crankcase heater
- Wired for intelliGen™ / Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 144.

Outdoor		intelliGen™ / Beacon II™		Voltage
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	
Medium Temperature R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A				
LDV150BM6C	41,017	LDVS150BM6C	43,027	208-230/3/60
LDV150BM6D	41,508	LDVS150BM6D	43,542	460/3/60
LDV150BM6E	42,329	LDVS150BM6E	44,404	575/3/60
LDV200BM6C	47,824	LDVS200BM6C	50,167	208-230/3/60
LDV200BM6D	48,397	LDVS200BM6D	50,770	460/3/60
LDV200BM6E	49,354	LDVS200BM6E	51,774	575/3/60
LDV220BM6C	54,457	LDVS220BM6C	57,124	208-230/3/60
LDV220BM6D	55,112	LDVS220BM6D	57,811	460/3/60
LDV220BM6E	56,199	LDVS220BM6E	58,953	575/3/60
LDV250BM6C	61,163	LDVS250BM6C	64,160	208-230/3/60
LDV250BM6D	61,897	LDVS250BM6D	64,933	460/3/60
LDV250BM6E	63,121	LDVS250BM6E	66,213	575/3/60
LDV300BM6C	64,542	LDVS300BM6C	67,705	208-230/3/60
LDV300BM6D	65,316	LDVS300BM6D	68,518	460/3/60
LDV300BM6E	66,606	LDVS300BM6E	69,872	575/3/60
LDV330BM6C	72,295	LDVS330BM6C	75,838	208-230/3/60
LDV330BM6D	73,162	LDVS330BM6D	76,747	460/3/60
LDV330BM6E	74,610	LDVS330BM6E	78,264	575/3/60
LDV350BM6C	80,850	LDVS350BM6C	84,809	208-230/3/60
LDV350BM6D	81,819	LDVS350BM6D	85,828	460/3/60
LDV350BM6E	83,435	LDVS350BM6E	87,524	575/3/60
LDV400BM6C	88,915	LDVS400BM6C	93,271	208-230/3/60
LDV400BM6D	89,984	LDVS400BM6D	94,392	460/3/60
LDV400BM6E	91,760	LDVS400BM6E	96,257	575/3/60

Outdoor		intelliGen™ / Beacon II™		Voltage
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)	
LDV500BM6C	102,264	LDVS500BM6C	107,277	208-230/3/60
LDV500BM6D	103,492	LDVS500BM6D	108,562	460/3/60
LDV500BM6E	105,536	LDVS500BM6E	110,709	575/3/60
Low Temperature R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A				
LDV130BL6C	42,421	LDVS130BL6C	44,669	208-230/3/60
LDV130BL6D	43,014	LDVS130BL6D	45,294	460/3/60
LDV130BL6E	43,863	LDVS130BL6E	46,188	575/3/60
LDV150BL6C	47,169	LDVS150BL6C	49,670	208-230/3/60
LDV150BL6D	47,829	LDVS150BL6D	50,365	460/3/60
LDV150BL6E	48,773	LDVS150BL6E	51,359	575/3/60
LDV200BL6C	54,913	LDVS200BL6C	57,823	208-230/3/60
LDV200BL6D	55,682	LDVS200BL6D	58,634	460/3/60
LDV200BL6E	56,780	LDVS200BL6E	59,791	575/3/60
LDV220BL6C	59,498	LDVS220BL6C	62,652	208-230/3/60
LDV220BL6D	60,329	LDVS220BL6D	63,529	460/3/60
LDV220BL6E	61,520	LDVS220BL6E	64,782	575/3/60
LDV250BL6C	66,014	LDVS250BL6C	69,513	208-230/3/60
LDV250BL6D	66,939	LDVS250BL6D	70,487	460/3/60
LDV250BL6E	68,259	LDVS250BL6E	71,877	575/3/60
LDV300BL6C	69,681	LDVS300BL6C	73,372	208-230/3/60
LDV300BL6D	70,654	LDVS300BL6D	74,400	460/3/60
LDV300BL6E	72,049	LDVS300BL6E	75,867	575/3/60
LDV400BL6C	80,850	LDVS400BL6C	85,135	208-230/3/60
LDV400BL6D	81,980	LDVS400BL6D	86,324	460/3/60
LDV400BL6E	83,596	LDVS400BL6E	88,028	575/3/60



Air-Cooled Condensing Units

13 - 50 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
Electrical Options					
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	602	-
FCY.001-1	Fan Cycling - Temperature	130B-250B	Fan closest to the header is not cycled.	1,912	-
FCY.001-2	Fan Cycling - Temperature	300B-350B	Fan closest to the header is not cycled.	2,277	-
FCY.001-3	Fan Cycling - Temperature	400B-500B	Fan closest to the header is not cycled.	2,596	-
FCY.002-1	Fan Cycling - Pressure	130B-250B	Fan closest to the header is not cycled.	1,912	Press. Std.
FCY.002-2	Fan Cycling - Pressure	300B-350B	Fan closest to the header is not cycled.	2,277	Press. Std.
FCY.002-3	Fan Cycling - Pressure	400B-500B	Fan closest to the header is not cycled.	2,596	Press. Std.
FSD.001-1	Fused Disconnect	130B-220B (230V)	-	1,818	1,818
FSD.001-2	Fused Disconnect	130B-250B (460V) 300B only (230V)	-	2,651	2,651
FSD.001-3	Fused Disconnect	300B-400B (460V)	-	3,860	3,860
NFD.008-1	Non-Fused Disconnect	130B-250B (230V)	-	1,707	1,707
NFD.008-2	Non-Fused Disconnect	130B-250B (460V) 300B only (230V)	-	2,457	2,457
NFD.008-3	Non-Fused Disconnect	300B-400B (460V)	-	3,595	3,595
CBK.002-2	Compressor Circuit Breaker	230V	-	2,822	2,822
CBK.002-1	Compressor Circuit Breaker	460V	-	1,311	1,311
PLM.00X	Phase Loss Monitor	All	-	1,235	1,235
TDR.002	Anti-short Cycling Timer	All	-	713	713
HPS.001	Manual Reset High Pressure Switch	All	-	341	341
MS.0012D	Variable Speed EC Motor with proportional pressure controller	150BM6 (230V & 460V) 130B-200BL6 (230V & 460V)	-	16,816	16,816
MS.0012L	Variable Speed EC Motor with proportional pressure controller	200B-250BM6 (230V & 460V) 220B-300BL6 (230V & 460V)	-	20,468	20,468
MS.0013L	Variable Speed EC Motor with proportional pressure controller	300B-350BM6 (230V & 460V) 400BL6 (230V & 460V)	-	29,536	29,536
MS.0014L	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 (230V & 460V)	-	38,604	38,604
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter drier & sight glass	130B-220B	-	509	509
LIQ.003-2	Replaceable core liquid-line filter drier & sight glass	250B-400B	-	748	748

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

Air-Cooled Condensing Units



13 - 50 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
LIQ.003-3	Replaceable core liquid-line filter drier & sight glass	500B	-	895	895
LIQ.002-1	Liquid-line solenoid valve	130B-220B	Not recommended on applications with line runs more than 25 feet.	1,025	-
LIQ.002-2	Liquid-line solenoid valve	250B-400B	Not recommended on applications with line runs more than 25 feet.	1,099	-
LIQ.002-3	Liquid-line solenoid valve	500B	Not recommended on applications with line runs more than 25 feet.	1,320	-
SUC.003-1	Suction-line filter	130B-220B	-	1,382	1,382
SUC.003-2	Suction-line filter	250B-400B	-	1,770	1,770
SUC.003-3	Suction-line filter	500B	-	2,213	2,213
SUC.005-1	Replaceable core suction-line filter	130B-220B	-	1,807	1,807
SUC.005-2	Replaceable core suction-line filter	250B-400B	-	1,888	1,888
SUC.005-3	Replaceable core suction-line filter	500B	-	2,361	2,361
SUC.007-1	Suction accumulator	130B-220B	-	2,951	2,951
SUC.007-2	Suction accumulator	250B-400B	-	3,387	3,387
SUC.007-3	Suction accumulator	500B	-	4,401	4,401
DIS.001-1	Oil separator with discharge line check valve	130B-330B	-	1,771	1,771
DIS.001-2	Oil separator with discharge line check valve	350B-400B	-	2,991	2,991
DIS.001-3	Oil separator with discharge line check valve	500B	-	3,590	3,590
MUF.001	Discharge muffler	All	-	501	501
DIS.002-1	Three way heat reclaim valve with check valve installed	130B-200B	-	1,828	1,828
DIS.002-2	Three way heat reclaim valve with check valve installed	220B-400B	-	2,677	2,677
DIS.002-3	Three way heat reclaim valve with check valve installed	500B	-	3,213	3,213
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All	-	1,815	-
REC.001-1	Low Ambient kit with heated and insulated receiver and time delay relay	130B-330B	-	2,795	2,795
REC.001-2	Low Ambient kit with heated and insulated receiver and time delay relay	350B-500B	-	3,672	3,672
Coil Options					
CS.PRO-1	ProKote™ condenser fin protection	130B-330B	-	2,150	2,150
CS.PRO-2	ProKote™ condenser fin protection	350B-500B	-	2,753	2,753
CS.ELEC-1	ElectroFin coil coating	130B-330B	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	350B-500B	-	Call Factory	Call Factory
CS.CPR-1	Copper condenser fins	130B-330B	-	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	350B-500B	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	130B-300B	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	330B-500B	-	Call Factory	Call Factory

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.
- 3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.00X1	Electric Defrost Kit for system with one evaporator	All Models 230 and 460V	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	2,453
DFT.00X2	Electric Defrost Kit for system with two evaporators	All Models 230 and 460V	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	4,182
DFT.00X4	Electric Defrost Kit for system with four evaporators	All Models 230 and 460V	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	6,406
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930

13 - 50 HP Vertical Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on IntelliGen (TM) / Beacon II (TM). Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832
2 1/8"	29399089	3,247

24 - 80 HP Dual Compressor

Overview



Product Description:

The 24-80 HP Dual Vertical condensing unit is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Nomenclature

LDD	2400	L	6	C	PP
Model	Equiv. HP	Operating Range	Refrigerant	Voltage	Circuiting
LDD = Limitzer® vertical discharge	2400 = 24 HP 3000 = 30 HP 4000 = 40 HP	L = Low M = Medium	6 = R-404A/R-507A, R-407A/F, R-407C, R-448A/R-449A	C = 208-230/3/60 D = 460/3/60 K = 230/3/60 E = 575/3/60	PP = Parallel Piped* No "PP" = Individual Circuits
LLDS = IntelliGen™/Beacon II™ vertical discharge	4400 = 44 HP 5000 = 50 HP 5400 = 54 HP 6000 = 60 HP 7000 = 70 HP 8000 = 80 HP				

*Not available with IntelliGen™/Beacon II™ system

Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance
- Available in standard or parallel piped configurations

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-intelliGen (TM) / Beacon II (TM) condensing unit

Components

Compressor

- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent liquid line filter

Air-Cooled Condensing Units



24 - 80 HP Dual Compressor

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Parallel-piped units include replaceable core suction filter, replaceable liquid-line filter, suction accumulator, and oil management system.
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

intelliGen™ / Beacon II™

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for intelliGen™ / Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 151.

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Individually Piped Models: Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD3000M6C	82,035	LDDS3000M6C	85,732	208-230/3/60	Individually Piped	-
LDD3000M6D	83,658	LDDS3000M6D	87,353	460/3/60	Individually Piped	-
LDD4000M6C	91,287	LDDS4000M6C	94,983	208-230/3/60	Individually Piped	-
LDD4000M6D	92,902	LDDS4000M6D	96,599	460/3/60	Individually Piped	-
LDD5000M6C	108,910	LDDS5000M6C	112,609	208-230/3/60	Individually Piped	-
LDD5000M6D	110,537	LDDS5000M6D	114,235	460/3/60	Individually Piped	-
LDD5200M6C	122,327	LDDS5200M6C	126,024	208-230/3/60	Individually Piped	-
LDD5200M6D	123,946	LDDS5200M6D	127,649	460/3/60	Individually Piped	-
LDD6000M6C	127,737	LDDS6000M6C	131,436	208-230/3/60	Individually Piped	-
LDD6000M6D	129,361	LDDS6000M6D	133,060	460/3/60	Individually Piped	-
LDD7000M6C	144,592	LDDS7000M6C	148,600	208-230/3/60	Individually Piped	-
LDD7000M6D	145,922	LDDS7000M6D	149,931	460/3/60	Individually Piped	-
LDD8000M6D	161,693	LDDS8000M6D	165,700	460/3/60	Individually Piped	-
LDD8000M6K	159,530	LDDS8000M6K	163,536	230/3/60	Individually Piped	-
Individually Piped Models: Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD2400L6C	84,112	LDDS2400L6C	87,814	208-230/3/60	Individually Piped	See Note 1, 2
LDD2400L6D	85,748	LDDS2400L6D	89,443	460/3/60	Individually Piped	See Note 1, 2
LDD3000L6C	88,052	LDDS3000L6C	91,752	208-230/3/60	Individually Piped	See Note 1, 2
LDD3000L6D	89,671	LDDS3000L6D	93,369	460/3/60	Individually Piped	See Note 1, 2
LDD4400L6C	103,342	LDDS4400L6C	107,038	208-230/3/60	Individually Piped	See Note 1, 2
LDD4400L6D	104,966	LDDS4400L6D	108,663	460/3/60	Individually Piped	See Note 1, 2
LDD5400L6C	118,777	LDDS5400L6C	122,476	208-230/3/60	Individually Piped	See Note 1, 2
LDD5400L6D	120,401	LDDS5400L6D	124,101	460/3/60	Individually Piped	See Note 1, 2
LDD6000L6C	131,787	LDDS6000L6C	135,487	208-230/3/60	Individually Piped	See Note 1, 2
LDD6000L6D	133,410	LDDS6000L6D	137,113	460/3/60	Individually Piped	See Note 1, 2

Notes:

1. L6 models include head cooling fan.
2. For R-407A/R-407F, R-407C, and R-448A/R-449A low temperature operation, add Demand Cooling Kit.



Air-Cooled Condensing Units

24 - 80 HP Dual Compressor

Configurable Models Pricing

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Parallel-Piped Models: Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD3000M6CPP	103,017	-	-	208-230/3/60	Parallel Piped	-
LDD3000M6DPP	104,535	-	-	460/3/60	Parallel Piped	-
LDD4000M6CPP	111,678	-	-	208-230/3/60	Parallel Piped	-
LDD4000M6DPP	113,189	-	-	460/3/60	Parallel Piped	-
LDD5000M6CPP	129,575	-	-	208-230/3/60	Parallel Piped	-
LDD5000M6DPP	131,094	-	-	460/3/60	Parallel Piped	-
LDD5200M6CPP	142,129	-	-	208-230/3/60	Parallel Piped	-
LDD5200M6DPP	143,652	-	-	460/3/60	Parallel Piped	-
LDD6000M6CPP	147,197	-	-	208-230/3/60	Parallel Piped	-
LDD6000M6DPP	148,717	-	-	460/3/60	Parallel Piped	-
LDD7000M6CPP	164,614	-	-	208-230/3/60	Parallel Piped	-
LDD7000M6DPP	165,860	-	-	460/3/60	Parallel Piped	-
LDD8000M6DPP	180,620	-	-	460/3/60	Parallel Piped	-
LDD8000M6KPP	178,594	-	-	230/3/60	Parallel Piped	-
Parallel-Piped Models: Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD2400L6CPP	104,961	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
LDD2400L6DPP	106,490	-	-	460/3/60	Parallel Piped	See Note 1, 2
LDD3000L6CPP	108,650	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
LDD3000L6DPP	110,163	-	-	460/3/60	Parallel Piped	See Note 1, 2
LDD4400L6CPP	123,923	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
LDD4400L6DPP	125,442	-	-	460/3/60	Parallel Piped	See Note 1, 2
LDD5400L6CPP	138,809	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
LDD5400L6DPP	140,330	-	-	460/3/60	Parallel Piped	See Note 1, 2
LDD6000L6CPP	150,987	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
LDD6000L6DPP	152,505	-	-	460/3/60	Parallel Piped	See Note 1, 2

Notes:

1. L6 models include head cooling fan.
2. For R-407A/R-407F, R-407C, and R-448A/R-449A low temperature operation, add Demand Cooling Kit.

Air-Cooled Condensing Units



24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
Electrical Options					
DFT.001	Defrost Timers - Air	All - Individually Piped	Medium temperature applications only.	1,203	-
DFT.001P	Defrost Timers - Air	All - Parallel Piped	Medium temperature applications only.	602	-
FCY.001-1	Fan Cycling - Temperature	2400-6000 Individually Piped	Fan closest to the header is not cycled.	3,823	-
FCY.001-1P	Fan Cycling - Temperature	2400-6000 Parallel Piped	Fan closest to the header is not cycled.	3,094	-
FCY.001-2	Fan Cycling - Temperature	7000-8000 Individually Piped	Fan closest to the header is not cycled.	4,553	-
FCY.001-2P	Fan Cycling - Temperature	7000-8000 Parallel Piped	Fan closest to the header is not cycled.	3,823	-
FCY.002-1	Fan Cycling - Pressure	2400-6000 Individually Piped	Fan closest to the header is not cycled.	3,823	Standard
FCY.002-1P	Fan Cycling - Pressure	2400-6000 Parallel Piped	Fan closest to the header is not cycled.	3,094	-
FCY.002-2	Fan Cycling - Pressure	7000-8000 Individually Piped	Fan closest to the header is not cycled.	4,553	Standard
FCY.002-2P	Fan Cycling - Pressure	7000-8000 Parallel Piped	Fan closest to the header is not cycled.	3,823	-
CBK.002-2	Compressor Circuit Breakers	230V - Individually Piped	No CBK options are available for the 8000 units.	5,649	5,649
CBK.002-2P	Compressor Circuit Breakers	230V - Parallel Piped	No CBK options are available for the 8000 units.	5,649	-
CBK.002-1	Compressor Circuit Breakers	460V - Individually Piped	No CBK options are available for the 8000 units.	2,626	2,626
CBK.002-1P	Compressor Circuit Breakers	460V - Parallel Piped	No CBK options are available for the 8000 units.	2,626	-
PLM.00X	Phase Loss Monitors	230V & 460V - Individually Piped	-	1,235	1,235
PLM.00XP	Phase Loss Monitors	230V & 460V - Parallel Piped	-	1,235	-
TDR.002	Anti-short Cycling Timers	All - Individually Piped	-	1,424	1,424
TDR.002P	Anti-short Cycling Timers	All - Parallel Piped	-	713	-
HPS.001	Manual Reset High Pressure Switches	All - Individually Piped	-	679	679
HPS.001P	Manual Reset High Pressure Switches	All - Parallel Piped	-	679	-
MS.0014S-1	Variable Speed EC Motor with proportional pressure controller	3000-5000M6 Parallel Piped (230V & 460V) 2400-5400L6 Parallel Piped (230V & 460V)	-	26,433	-
MS.0014S-2	Variable Speed EC Motor with proportional pressure controller	3000-5000M6 Individually Piped (230V & 460V) 2400-5400L6 Individually Piped (230V & 460V)	-	28,762	28,762
MS.0014L-1	Variable Speed EC Motor with proportional pressure controller	5200-6000M6 Parallel Piped (230V & 460V) 6000L6 Parallel Piped (230V & 460V)	-	38,604	-

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.



Air-Cooled Condensing Units

24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
MS.0014L-2	Variable Speed EC Motor with proportional pressure controller	5200-6000M6 Individually Piped (230V & 460V) 6000L6 Individually Piped (230V & 460V)	-	40,932	40,932
MS.0016L-1	Variable Speed EC Motor with proportional pressure controller	7000-8000M6 Parallel Piped (230V & 460V)	-	56,742	-
MS.0016L-2	Variable Speed EC Motor with proportional pressure controller	7000-8000M6 Individually Piped (230V & 460V)	-	59,070	59,070
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter driers & sight glasses	2400-4400 Individually Piped	-	1,018	1,018
LIQ.003-1P	Replaceable core liquid-line filter driers & sight glasses	2400-4400 Parallel Piped	-	Standard	-
LIQ.003-2	Replaceable core liquid-line filter driers & sight glasses	5000-8000 Individually Piped	-	1,494	1,494
LIQ.003-2P	Replaceable core liquid-line filter driers & sight glasses	5000-8000 Parallel Piped	-	Standard	-
LIQ.002-1	Liquid-line solenoid valves	2400-4400 Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,049	-
LIQ.002-1P	Liquid-line solenoid valves	2400-4400 Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,099	-
LIQ.002-2	Liquid-line solenoid valves	5000-8000 Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,198	-
LIQ.002-2P	Liquid-line solenoid valves	5000-8000 Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,481	-
SUC.003-1	Suction-line filters	2400-4000 Individually Piped	-	2,761	2,761
SUC.003-1P	Suction-line filters	2400-4000 Parallel Piped	-	N/A	-
SUC.003-2	Suction-line filters	4400-8000 Individually Piped	-	3,538	3,538
SUC.003-2P	Suction-line filters	4400-8000 Parallel Piped	-	N/A	-
SUC.005-1	Replaceable core suction-line filters	2400-4000 Individually Piped	-	3,616	3,616
SUC.005-1P	Replaceable core suction-line filters	2400-4000 Parallel Piped	-	Standard	-
SUC.005-2	Replaceable core suction-line filters	4400-8000 Individually Piped	-	3,664	3,664
SUC.005-2P	Replaceable core suction-line filters	4400-8000 Parallel Piped	-	Standard	-
SUC.007-1	Suction accumulators	2400-4000 Individually Piped	-	5,904	5,904
SUC.007-1P	Suction accumulators	2400-4000 Parallel Piped	-	Standard	-
SUC.007-2	Suction accumulators	4400-8000 Individually Piped	-	6,770	6,770
SUC.007-2P	Suction accumulators	4400-8000 Parallel Piped	-	Standard	-
DIS.001-1	Oil separators with discharge line check valves	2400-6000 Individually Piped	-	3,538	3,538
DIS.001-1P	Oil separators with discharge line check valves	2400-6000 Parallel Piped	-	Standard	-
DIS.001-2	Oil separators with discharge line check valves	7000-8000 Individually Piped	-	5,982	5,982
DIS.001-2P	Oil separators with discharge line check valves	7000-8000 Parallel Piped	-	Standard	-
MUF.001	Discharge mufflers	All - Individually Piped	-	1,004	1,004

Air-Cooled Condensing Units



24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
MUF.001P	Discharge mufflers	All - Parallel Piped	-	N/A	-
DIS.002-1	Three way heat reclaim valves with check valves installed	2400-4400 Individually Piped	-	5,353	5,352
DIS.002-1P	Three way heat reclaim valves with check valves installed	2400-4400 Parallel Piped	-	Call Factory	-
DIS.002-2	Three way heat reclaim valves with check valves installed	5000-6000 Individually Piped	-	6,974	6,974
DIS.002-2P	Three way heat reclaim valves with check valves installed	5000-6000 Parallel Piped	-	Call Factory	-
DIS.002-3	Three way heat reclaim valves with check valves installed	7000-8000 Individually Piped	-	10,101	10,101
DIS.002-3P	Three way heat reclaim valves with check valves installed	7000-8000 Parallel Piped	-	Call Factory	-
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Individually Piped	-	3,634	-
UNL.001P	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Parallel Piped	-	3,634	-
DMD.001	Demand Cooling for low temperature R-407A/R-407F, R-407C, and R-448A/R-449A	2400-6000L6 Individually Piped	-	5,119	5,119
DMD.001P	Demand Cooling for low temperature R-407A/R-407F, R-407C, and R-448A/R-449A	2400-6000L6 Parallel Piped	-	5,119	-
REC.001-1	Low Ambient kits with heated and insulated receivers and time delay relays	2400-6000 Individually Piped	-	5,590	5,590
REC.001-1P	Low Ambient kits with heated and insulated receivers and time delay relays	2400-6000 Parallel Piped	-	5,590	-
REC.001-2	Low Ambient kits with heated and insulated receivers and time delay relays	7000-8000 Individually Piped	-	7,343	7,343
REC.001-2P	Low Ambient kits with heated and insulated receivers and time delay relays	7000-8000 Parallel Piped	-	7,343	-
Coil Options					
CS.ELEC-1	ElectroFin coil coating	2400-5000	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	5200-6000	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	7000-8000	-	Call Factory	Call Factory
CSB.CPR-1	Copper condenser fins	2400-5000	-	Call Factory	Call Factory
CSB.CPR-2	Copper condenser fins	5200-6000	-	Call Factory	Call Factory
CSB.CPR-3	Copper condenser fins	7000-8000	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	2400-5000	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	5200-6000	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	7000-8000	-	Call Factory	Call Factory
CSG.PRO-1	ProKote™ condenser fin protection	2400-5000	-	3,592	3,592
CSG.PRO-2	ProKote™ condenser fin protection	5200-6000	-	5,982	5,982
CSG.PRO-3	ProKote™ condenser fin protection	7000-8000	-	6,705	6,705



Air-Cooled Condensing Units

24 - 80 HP Dual Compressor

Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.016	Electric Defrost Kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	3,922
DFT.016P	Electric Defrost Kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	3,319
DFT.013	Electric Defrost Kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	5,649
DFT.013P	Electric Defrost Kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	5,047
DEF.XXX1	Fuses for electric defrost kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	-	981
DEF.XXX1P	Fuses for electric defrost kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	-	981
DEF.XXX2	Fuses for electric defrost kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	-	1,961
DEF.XXX2P	Fuses for electric defrost kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	-	1,961
SDK.001	InterLink™ Smart Defrost Kit™	All - Individually Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	1,863
SDK.001P	InterLink™ Smart Defrost Kit™	All - Parallel Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	N/A

24 - 80 HP Dual Compressor

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Must have one valve per compressor. Not available for use on IntelliGen (TM) / Beacon II (TM). Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832
2 1/8"	29399089	3,247
2 5/8"	29314001	7,347

26 - 100 HP Dual Compressor

Overview



Product Description:

The 26-100 HP Dual Vertical condensing unit product line with Bitzer® compressors is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for IntelliGen™ / Beacon II™ Refrigeration System with Smart Defrost, factory mounted Smart Defrost Kit (TM), or Variable Speed EC (VSEC) Motor with Orbus (TM) Controller increase energy efficiency of the refrigeration system.

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper condenser tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-intelliGen (TM) / Beacon II (TM) condensing unit

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sealed sight glass and liquid line filter

Nomenclature

LDD	260B	L	6	C	PP
Model	Equiv. HP	Operating Range	Refrigerant	Voltage	Circuiting
LDD = Limitzer® vertical discharge	260B = 26 HP 300B = 30 HP 400B = 40 HP	L = Low M = Medium	6 = R-404A/ R-507A, R-407A/F, R-407C, R-448A/ R-449A	C = 208-230/3/60 D = 460/3/60 E = 575/3/60	PP = Parallel Piped* No "PP" = Individual Circuits
LD DS = IntelliGen™/ Beacon II™ vertical discharge	440B = 44 HP 500B = 50 HP 600B = 60 HP 660B = 66 HP 800B = 80 HP 1100 = 100 HP				

*Not available with IntelliGen™/Beacon II™ system

Air-Cooled Condensing Units



26 - 100 HP Dual Compressor

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Parallel-piped units include replaceable core suction filter, replaceable liquid-line filter, suction accumulator, and oil management system.
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

intelliGen™ / Beacon II™

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for intelliGen™ / Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 159.

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
Individually Piped Models: Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD300BM6C	82,034	LDDS300BM6C	84,742	208-230/3/60	Individually Piped	-
LDD300BM6D	83,018	LDDS300BM6D	85,757	460/3/60	Individually Piped	-
LDD400BM6C	95,647	LDDS400BM6C	98,803	208-230/3/60	Individually Piped	-
LDD400BM6D	96,796	LDDS400BM6D	99,990	460/3/60	Individually Piped	-
LDD440BM6C	108,912	LDDS440BM6C	112,507	208-230/3/60	Individually Piped	-
LDD440BM6D	110,220	LDDS440BM6D	113,858	460/3/60	Individually Piped	-
LDD500BM6C	122,328	LDDS500BM6C	126,364	208-230/3/60	Individually Piped	-
LDD500BM6D	123,795	LDDS500BM6D	127,879	460/3/60	Individually Piped	-
LDD600BM6C	129,085	LDDS600BM6C	133,344	208-230/3/60	Individually Piped	-
LDD600BM6D	130,633	LDDS600BM6D	134,943	460/3/60	Individually Piped	-
LDD660BM6C	144,588	LDDS660BM6C	149,361	208-230/3/60	Individually Piped	-
LDD660BM6D	146,323	LDDS660BM6D	151,153	460/3/60	Individually Piped	-
LDD700BM6C	161,696	LDDS700BM6C	167,032	208-230/3/60	Individually Piped	-
LDD700BM6D	163,636	LDDS700BM6D	169,036	460/3/60	Individually Piped	-
LDD800BM6C	177,831	LDDS800BM6C	183,699	208-230/3/60	Individually Piped	-
LDD800BM6D	179,964	LDDS800BM6D	185,904	460/3/60	Individually Piped	-
LDD110BM6C	204,529	LDDS110BM6C	211,280	208-230/3/60	Individually Piped	-
LDD110BM6D	206,984	LDDS110BM6D	213,815	460/3/60	Individually Piped	-
Individually Piped Models: Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD260BL6C	84,841	LDDS260BL6C	87,809	208-230/3/60	Individually Piped	-
LDD260BL6D	86,029	LDDS260BL6D	89,039	460/3/60	Individually Piped	-
LDD300BL6C	94,337	LDDS300BL6C	97,641	208-230/3/60	Individually Piped	-
LDD300BL6D	95,659	LDDS300BL6D	99,006	460/3/60	Individually Piped	-
LDD400BL6C	109,826	LDDS400BL6C	113,670	208-230/3/60	Individually Piped	-
LDD400BL6D	111,363	LDDS400BL6D	115,262	460/3/60	Individually Piped	-
LDD440BL6C	118,994	LDDS440BL6C	123,159	208-230/3/60	Individually Piped	-
LDD440BL6D	120,661	LDDS440BL6D	124,884	460/3/60	Individually Piped	-



Air-Cooled Condensing Units

26 - 100 HP Dual Compressor

Configurable Models Pricing

Outdoor		intelliGen™ / Beacon II™		Voltage	Model Type	Notes
Larkin Model	List Price (\$US)	Larkin Model	List Price (\$US)			
LDD500BL6C	132,030	LDDS500BL6C	136,650	208-230/3/60	Individually Piped	-
LDD500BL6D	133,877	LDDS500BL6D	138,564	460/3/60	Individually Piped	-
LDD600BL6C	139,359	LDDS600BL6C	144,239	208-230/3/60	Individually Piped	-
LDD600BL6D	141,312	LDDS600BL6D	146,257	460/3/60	Individually Piped	-
LDD800BL6C	161,696	LDDS800BL6C	167,355	208-230/3/60	Individually Piped	-
LDD800BL6D	163,962	LDDS800BL6D	169,700	460/3/60	Individually Piped	-
Parallel-Piped Models: Medium Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD300BM6CPP	98,440	-	-	208-230/3/60	Parallel Piped	-
LDD300BM6DPP	99,623	-	-	460/3/60	Parallel Piped	-
LDD400BM6CPP	114,777	-	-	208-230/3/60	Parallel Piped	-
LDD400BM6DPP	116,155	-	-	460/3/60	Parallel Piped	-
LDD440BM6CPP	130,697	-	-	208-230/3/60	Parallel Piped	-
LDD440BM6DPP	132,264	-	-	460/3/60	Parallel Piped	-
LDD500BM6CPP	146,794	-	-	208-230/3/60	Parallel Piped	-
LDD500BM6DPP	148,556	-	-	460/3/60	Parallel Piped	-
LDD600BM6CPP	154,901	-	-	208-230/3/60	Parallel Piped	-
LDD600BM6DPP	156,759	-	-	460/3/60	Parallel Piped	-
LDD660BM6CPP	173,507	-	-	208-230/3/60	Parallel Piped	-
LDD660BM6DPP	175,589	-	-	460/3/60	Parallel Piped	-
LDD700BM6CPP	194,037	-	-	208-230/3/60	Parallel Piped	-
LDD700BM6DPP	196,364	-	-	460/3/60	Parallel Piped	-
LDD800BM6CPP	213,395	-	-	208-230/3/60	Parallel Piped	-
LDD800BM6DPP	215,957	-	-	460/3/60	Parallel Piped	-
LDD110BM6CPP	245,436	-	-	208-230/3/60	Parallel Piped	-
LDD110BM6DPP	248,380	-	-	460/3/60	Parallel Piped	-
Parallel-Piped Models: Low Temperature (R-404A/507, R-407A/R-407F, R-407C, and R-448A/R-449A)						
LDD260BL6CPP	101,810	-	-	208-230/3/60	Parallel Piped	-
LDD260BL6DPP	103,235	-	-	460/3/60	Parallel Piped	-
LDD300BL6CPP	113,206	-	-	208-230/3/60	Parallel Piped	-
LDD300BL6DPP	114,789	-	-	460/3/60	Parallel Piped	-
LDD400BL6CPP	131,793	-	-	208-230/3/60	Parallel Piped	-
LDD400BL6DPP	133,637	-	-	460/3/60	Parallel Piped	-
LDD440BL6CPP	142,793	-	-	208-230/3/60	Parallel Piped	-
LDD440BL6DPP	144,793	-	-	460/3/60	Parallel Piped	-
LDD500BL6CPP	158,435	-	-	208-230/3/60	Parallel Piped	-
LDD500BL6DPP	160,653	-	-	460/3/60	Parallel Piped	-
LDD600BL6CPP	167,231	-	-	208-230/3/60	Parallel Piped	-
LDD600BL6DPP	169,572	-	-	460/3/60	Parallel Piped	-
LDD800BL6CPP	194,037	-	-	208-230/3/60	Parallel Piped	-
LDD800BL6DPP	196,751	-	-	460/3/60	Parallel Piped	-

Section 2

Air-Cooled Condensing Units



26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
Electrical Options					
DFT.001	Defrost Timers - Air	All - Individually Piped	Medium temperature applications only.	1,203	-
DFT.001P	Defrost Timers - Air	All - Parallel Piped	Medium temperature applications only.	602	-
FCY.001-1	Fan Cycling - Temperature	260B-500B Individually Piped	Fan closest to the header is not cycled.	3,823	-
FCY.001-1P	Fan Cycling - Temperature	260B-500B Parallel Piped	Fan closest to the header is not cycled.	3,094	-
FCY.001-2	Fan Cycling - Temperature	600B-700B Individually Piped	Fan closest to the header is not cycled.	4,553	-
FCY.001-2P	Fan Cycling - Temperature	600B-700B Parallel Piped	Fan closest to the header is not cycled.	3,823	-
FCY.001-3	Fan Cycling - Temperature	800B & 110B Individually Piped	Fan closest to the header is not cycled.	5,194	-
FCY.001-3P	Fan Cycling - Temperature	800B & 110B Parallel Piped	Fan closest to the header is not cycled.	4,464	-
FCY.002-1	Fan Cycling - Pressure	260B-500B Individually Piped	Fan closest to the header is not cycled.	3,823	Standard
FCY.002-1P	Fan Cycling - Pressure	260B-500B Parallel Piped	Fan closest to the header is not cycled.	3,094	-
FCY.002-2	Fan Cycling - Pressure	600B-700B Individually Piped	Fan closest to the header is not cycled.	4,553	Standard
FCY.002-2P	Fan Cycling - Pressure	600B-700B Parallel Piped	Fan closest to the header is not cycled.	3,823	-
FCY.002-3	Fan Cycling - Pressure	800B & 110B Individually Piped	Fan closest to the header is not cycled.	5,194	Standard
FCY.002-3P	Fan Cycling - Pressure	800B & 110B Parallel Piped	Fan closest to the header is not cycled.	4,464	-
CBK.002-2	Compressor Circuit Breakers	230V - Individually Piped	-	5,649	5,649
CBK.002-2P	Compressor Circuit Breakers	230V - Parallel Piped	-	5,649	-
CBK.002-1	Compressor Circuit Breakers	460V - Individually Piped	-	2,626	2,626
CBK.002-1P	Compressor Circuit Breakers	460V - Parallel Piped	-	2,626	-
PLM.00X	Phase Loss Monitors	All - Individually Piped	-	1,235	1,235
PLM.00XP	Phase Loss Monitors	All - Parallel Piped	-	1,235	-
TDR.002	Anti-short Cycling Timers	All - Individually Piped	-	1,424	1,424

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.



Air-Cooled Condensing Units

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
TDR.002P	Anti-short Cycling Timers	All - Parallel Piped	-	713	-
HPS.001	Manual Reset High Pressure Switches	All - Individually Piped	-	679	679
HPS.001P	Manual Reset High Pressure Switches	All - Parallel Piped	-	679	-
MS.0014S-1	Variable Speed EC Motor with proportional pressure controller	300BM6 Parallel Piped (230V & 460V) 260B-400BL6 Parallel Piped (230V & 460V)	-	26,433	-
MS.0014S-2	Variable Speed EC Motor with proportional pressure controller	300BM6 Individually Piped (230V & 460V) 260B-400BL6 Individually Piped (230V & 460V)	-	28,762	28,762
MS.0014L-1	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 Parallel Piped (230V & 460V) 440B-600BL6 Parallel Piped (230V & 460V)	-	38,604	-
MS.0014L-2	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 Individually Piped (230V & 460V) 440B-600BL6 Individually Piped (230V & 460V)	-	40,932	40,932
MS.0016L-1	Variable Speed EC Motor with proportional pressure controller	600B-700BM6 Parallel Piped (230V & 460V) 800BL6 Parallel Piped (230V & 460V)	-	56,742	-
MS.0016L-2	Variable Speed EC Motor with proportional pressure controller	600B-700BM6 Individually Piped (230V & 460V) 800BL6 Individually Piped (230V & 460V)	-	59,070	59,070
MS.0018L-1	Variable Speed EC Motor with proportional pressure controller	800B - 110BM6 Parallel Piped (230V & 460V)	-	74,881	-
MS.0018L-2	Variable Speed EC Motor with proportional pressure controller	800B - 110BM6 Individually Piped (230V & 460V)	-	77,207	77,207
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter driers & sight glasses	260B-440B Individually Piped	-	1,018	1,018
LIQ.003-1P	Replaceable core liquid-line filter driers & sight glasses	260B-440B Parallel Piped	-	Standard	-
LIQ.003-2	Replaceable core liquid-line filter driers & sight glasses	500B-800B Individually Piped	-	1,018	1,018
LIQ.003-2P	Replaceable core liquid-line filter driers & sight glasses	500B-800B Parallel Piped	-	Standard	-
LIQ.003-3	Replaceable core liquid-line filter driers & sight glasses	110B Individually Piped	-	1,018	1,018
LIQ.003-3P	Replaceable core liquid-line filter driers & sight glasses	110B Parallel Piped	-	Standard	-
SUC.003-1	Suction-line filters	260B-440B Individually Piped	-	2,761	2,761
SUC.003-1P	Suction-line filters	260B-440B Parallel Piped	-	N/A	-
SUC.003-2	Suction-line filters	500B-800B Individually Piped	-	3,538	3,538
SUC.003-2P	Suction-line filters	500B-800B Parallel Piped	-	N/A	-
SUC.003-3	Suction-line filters	110B Individually Piped	-	2,761	2,761
SUC.003-3P	Suction-line filters	110B Parallel Piped	-	N/A	-
SUC.005-1	Replaceable core suction-line filters	260B-440B Individually Piped	-	3,616	3,616
SUC.005-1P	Replaceable core suction-line filters	260B-440B Parallel Piped	-	Standard	-
SUC.005-2	Replaceable core suction-line filters	500B-800B Individually Piped	-	3,777	3,777
SUC.005-2P	Replaceable core suction-line filters	500B-800B Parallel Piped	-	Standard	-

Air-Cooled Condensing Units



26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
SUC.005-3	Replaceable core suction-line filters	110B Individually Piped	-	3,616	4,720
LIQ.002-1	Liquid-line solenoid valves	260B-440B Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,049	-
LIQ.002-1P	Liquid-line solenoid valves	260B-440B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,099	-
LIQ.002-2	Liquid-line solenoid valves	500B-800B Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,198	-
LIQ.002-2P	Liquid-line solenoid valves	500B-800B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,481	-
LIQ.002-3	Liquid-line solenoid valves	110B Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,049	-
LIQ.002-3P	Liquid-line solenoid valves	110B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	Call Factory	-
SUC.007-1	Suction accumulators	260B-440B Individually Piped	-	5,904	5,904
SUC.007-1P	Suction accumulators	260B-440B Parallel Piped	-	Standard	-
SUC.007-2	Suction accumulators	500B-800B Individually Piped	-	5,904	5,904
SUC.007-2P	Suction accumulators	500B-800B Parallel Piped	-	Standard	-
SUC.007-3	Suction accumulators	110B Individually Piped	-	5,904	5,904
SUC.007-3P	Suction accumulators	110B Parallel Piped	-	Standard	-
DIS.001-1	Oil separators with discharge line check valves	260B-600B Individually Piped	-	3,538	3,538
DIS.001-1P	Oil separators with discharge line check valves	260B-600B Parallel Piped	-	Standard	-
DIS.001-2	Oil separators with discharge line check valves	660B-800B Individually Piped	-	5,982	5,982
DIS.001-2P	Oil separators with discharge line check valves	660B-800B Parallel Piped	-	Standard	-
DIS.001-3	Oil separators with discharge line check valves	110B Individually Piped	-	7,183	7,183
DIS.001-3P	Oil separators with discharge line check valves	110B Parallel Piped	-	Standard	-
MUF.001	Discharge mufflers	All - Individually Piped	-	1,004	1,004
MUF.001P	Discharge mufflers	All - Parallel Piped	-	N/A	-
DIS.002-1	Three way heat reclaim valves with check valves installed	260B-400B Individually Piped	-	3,654	-
DIS.002-1P	Three way heat reclaim valves with check valves installed	260B-400B Parallel Piped	-	Call Factory	-



Air-Cooled Condensing Units

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	intelliGen™ / Beacon II™
DIS.002-2	Three way heat reclaim valves with check valves installed	440B-800B Individually Piped	-	3,654	-
DIS.002-2P	Three way heat reclaim valves with check valves installed	440B-800B Parallel Piped	-	Call Factory	-
DIS.002-3	Three way heat reclaim valves with check valves installed	110B Individually Piped	-	6,425	-
DIS.002-3P	Three way heat reclaim valves with check valves installed	110B Parallel Piped	-	Call Factory	-
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Individually Piped	-	3,634	-
UNL.001P	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Parallel Piped	-	3,634	-
REC.001-1	Low Ambient kits with heated and insulated receivers and time delay relays	260B-500B Individually Piped	-	5,590	5,590
REC.001-1P	Low Ambient kits with heated and insulated receivers and time delay relays	260B-500B Parallel Piped	-	5,590	-
REC.001-2	Low Ambient kits with heated and insulated receivers and time delay relays	600B-110B Individually Piped	-	5,590	5,590
REC.001-2P	Low Ambient kits with heated and insulated receivers and time delay relays	600B-110B Parallel Piped	-	7,343	-
Coil Options					
CS.ELEC-1	ElectroFin coil coating	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CS.ELEC-4	ElectroFin coil coating	800B-110BM6	-	Call Factory	Call Factory
CSB.CPR-1	Copper condenser fins	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CSB.CPR-2	Copper condenser fins	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CSB.CPR-3	Copper condenser fins	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CSB.CPR-4	Copper condenser fins	800B-110BM6	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CS.BRZ-4	Bronz-Glow coil coating	800B-110BM6	-	Call Factory	Call Factory
CSG.PRO-1	ProKote™ condenser fin protection	300BM6, 260B-400BL6	-	3,592	3,592
CSG.PRO-2	ProKote™ condenser fin protection	400B-500BM6, 440B-600BL6	-	5,982	5,982
CSG.PRO-3	ProKote™ condenser fin protection	600B-700BM6, 800BL6	-	6,705	6,705
CSG.PRO-4	ProKote™ condenser fin protection	800B-110BM6	-	8,940	8,940

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.
- 3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.016-1	Electric Defrost Kit for system with one evaporator per compressor circuit	300B-400BM6 (230V) Individually Piped 260B-440BL6 (230V) Individually Piped All Models (460V) Individually Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	4,905
DFT.016P	Electric Defrost Kit for system with one evaporator per compressor circuit	300B-400BM6 (230V) Parallel Piped 260B-440BL6 (230V) Parallel Piped All Models (460V) Parallel Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	4,306
DFT.016-2	Electric Defrost Kit for system with one evaporator per compressor circuit	440B-110BM6 (230V) 500B-800BL6 (230V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	Call Factory
DFT.013-1	Electric Defrost Kit for system with two evaporators per compressor circuit	300B-600BM6 (230V) Individually Piped All L6 Models (230V) Individually Piped All Models (460V) Individually Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	8,367
DFT.013P	Electric Defrost Kit for system with two evaporators per compressor circuit	300B-400BM6 (230V) Parallel Piped 260B-440BL6 (230V) Parallel Piped All Models (460V) Parallel Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	7,801
DFT.013-2	Electric Defrost Kit for system with two evaporators per compressor circuit	660B-110BM6 (230V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	Call Factory
SDK.001	InterLink™ Smart Defrost Kit™	All - Individually Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	1,863
SDK.001P	InterLink™ Smart Defrost Kit™	All - Parallel Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	N/A



Air-Cooled Condensing Units

26 - 100 HP Dual Compressor

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Must have one valve per compressor. Not available for use on IntelliGen™ / Beacon II™. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832
2 1/8"	29399089	3,247
2 5/8"	29314001	7,347

Section 2

Water-Cooled Condensing Units



1/2 - 6 HP

Overview



Product Description:

The 1/2 through 6 HP water cooled condensing unit product line features hermetic and scroll® compressors. These condensing units' component selection, location, base and unit dimensions are all optimized for easy field replacement or installation in new applications where space is limited.

The electrical box is designed with extra space for easier servicing. The area is large enough to accommodate circuit breakers, compressor contactors, time clocks and all start components in one enclosure.

Standard features include: compressor isolation valves that enable service technicians to isolate the compressor for service and an oversized receiver which provides total refrigerant pump down. These products are ideal for units requiring long runs.

Certifications



Cabinet & Construction

- Component location and unit size are optimized for easy field replacement and space limited applications

Serviceability

- Large electrical box allows easy service and installation of additional components
- A pump-down switch is provided on all models for easy field servicing
- Color-coded wire harnesses are labeled and coded for easy identification
- Suction line rotolock service valve is provided on the compressor for service
- An additional shut-off valve is mounted in the discharge line of the compressor for quick and easy compressor isolation

Quality

- Sight glass (optional) is easily viewable
- Every unit is subjected to a helium leak test to ensure the unit is leak free
- Shipped with nitrogen holding charge to enable installer to verify unit is leak-free upon arrival
- Every unit is run-tested and cycled on both the high and low pressure controls
- All electrical circuits are also tested for functional integrity

Components

- Features Copeland hermetic and Scroll® compressors
- Compressors are mounted with vibration eliminating rubber grommets
- All units come standard with a water regulating valve for superior head pressure control
- Oversized receiver with liquid shut-off valve is provided for installations with long refrigerant lines

Nomenclature

ZW	N	010	L	6	B
Compressor	Application	Model Size	Operating Range	Refrigerant	Voltage
HW = Hermetic ZW = Scroll®	N = Indoor	005-060	H = High L = Low M = Medium X = Extended Temp.	6= R-404A/R-507A, R-407A/R-407C, R-448A/R-449A	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60



Water-Cooled Condensing Units

1/2 - 6 HP

Configurable Models Pricing

Standard Features

- Compressor mounting (rubber grommets)
- Compressor discharge service valve (in line brass base valve)
- Compressor suction service valve — rotolock
- Large capacity refrigerant receiver (up to 100 ft. runs)
- Receiver service valve (located on outlet)
- Coaxial condenser (counterflow tube in tube)
- Extra large electric box (encloses all options and start components)
- Electric conduit (UL recognized, high impact, flame retardant copolymer)
- Low pressure control switch (adjustable)
- High pressure encapsulated safety switch (fixed)
- Superhose on low pressure control (higher leak resistance)
- Liquid injection (Scroll® — low temperature models only)
- Pump-down control switch (pre-wired)
- Water valve (mounted on condenser inlet)
- Agency approvals UL, ULC

Need to customize? Look at the factory-installed options starting on page 168.

Larkin Model	List Price (\$US)	Voltage	Notes
Hermetic High Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
HWN005H6B	4,109	208-230/1/60	See footnote 1
HWN009H6B	4,340	208-230/1/60	See footnote 1
HWN010H6B	4,720	208-230/1/60	See footnote 1
HWN010H6C	4,893	208-230/3/60	See footnote 1
HWN015H6B	4,935	208-230/1/60	-
HWN015H6C	5,197	208-230/3/60	-
HWN025H6B	5,921	208-230/1/60	-
HWN025H6C	6,379	208-230/3/60	-
HWN032H6B	7,386	208-230/1/60	-
HWN032H6C	7,680	208-230/3/60	-
Hermetic Extended Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
HWN005X6B	4,109	208-230/1/60	See footnote 1
HWN008X6B	4,202	208-230/1/60	See footnote 1
HWN009X6B	4,340	208-230/1/60	See footnote 1
HWN010X6B	4,720	208-230/1/60	See footnote 1
HWN010X6C	4,893	208-230/3/60	See footnote 1
Hermetic Extended/Medium Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
HWN015X6B	4,935	208-230/1/60	-
HWN015X6C	5,197	208-230/3/60	-
HWN020X6B	5,490	208-230/1/60	-
HWN020X6C	5,999	208-230/3/60	-
HWN025X6B	5,921	208-230/1/60	-
HWN025X6C	6,379	208-230/3/60	-
HWN025X6D	6,800	460/3/60	-
HWN030X6B	7,028	208-230/1/60	-
HWN030X6C	7,295	208-230/3/60	-
HWN030X6D	7,601	460/3/60	-
HWN032X6B	7,386	208-230/1/60	-
HWN032X6C	7,680	208-230/3/60	-
HWN032X6D	7,947	460/3/60	-

Larkin Model	List Price (\$US)	Voltage	Notes
Hermetic Low Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
HWN011L6B	4,904	208-230/1/60	-
HWN011L6C	5,000	208-230/3/60	-
HWN014L6B	4,964	208-230/1/60	-
HWN014L6C	5,107	208-230/3/60	-
HWN025L6B	5,171	208-230/1/60	-
HWN025L6C	5,314	208-230/3/60	-
HWN031L6B	7,452	208-230/1/60	-
HWN031L6C	7,642	208-230/3/60	-
HWN031L6D	7,774	460/3/60	-
Scroll Extended Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
ZWN010X6B	8,378	208-230/1/60	-
ZWN010X6C	8,467	208-230/3/60	-
ZWN010X6D	8,790	460/3/60	-
ZWN015X6B	8,991	208-230/1/60	-
ZWN015X6C	9,080	208-230/3/60	-
ZWN015X6D	9,403	460/3/60	-
ZWN020X6B	9,214	208-230/1/60	-
ZWN020X6C	9,303	208-230/3/60	-
ZWN020X6D	9,627	460/3/60	-
ZWN025X6B	9,380	208-230/1/60	-
ZWN025X6C	9,469	208-230/3/60	-
ZWN025X6D	9,793	460/3/60	-
ZWN030X6B	9,590	208-230/1/60	-
ZWN030X6C	9,720	208-230/3/60	-
ZWN030X6D	10,165	460/3/60	-
ZWN035X6B	10,219	208-230/1/60	-
ZWN035X6C	10,354	208-230/3/60	-
ZWN035X6D	10,672	460/3/60	-
ZWN045X6B	10,616	208-230/1/60	-
ZWN045X6C	10,769	208-230/3/60	-
ZWN045X6D	11,076	460/3/60	-

Notes:

1. Suitable for R-407C
2. Scroll "L6" models must have a liquid line option specified.

Water-Cooled Condensing Units



1/2 - 6 HP

Configurable Models Pricing

Larkin Model	List Price (\$US)	Voltage	Notes
ZWN055X6B	10,924	208-230/1/60	-
ZWN055X6C	11,081	208-230/3/60	-
ZWN055X6D	11,574	460/3/60	-
ZWN060X6C	12,904	208-230/3/60	-
ZWN060X6D	13,118	460/3/60	-
Scroll Low Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
ZWN020L6B	9,102	208-230/1/60	See footnote 2
ZWN020L6C	9,247	208-230/3/60	See footnote 2
ZWN020L6D	9,414	460/3/60	See footnote 2
ZWN025L6B	9,938	208-230/1/60	See footnote 2
ZWN025L6C	10,082	208-230/3/60	See footnote 2
ZWN025L6D	10,194	460/3/60	See footnote 2
ZWN030L6B	10,097	208-230/1/60	See footnote 2
ZWN030L6C	10,252	208-230/3/60	See footnote 2
ZWN030L6D	11,534	460/3/60	See footnote 2
ZWN035L6B	10,632	208-230/1/60	See footnote 2
ZWN035L6C	10,790	208-230/3/60	See footnote 2
ZWN035L6D	11,052	460/3/60	See footnote 2
ZWN045L6B	11,108	208-230/1/60	See footnote 2
ZWN045L6C	11,256	208-230/3/60	See footnote 2
ZWN045L6D	11,520	460/3/60	See footnote 2
ZWN055L6B	11,551	208-230/1/60	See footnote 2
ZWN055L6C	11,693	208-230/3/60	See footnote 2
ZWN055L6D	11,969	460/3/60	See footnote 2
ZWN060L6C	13,195	208-230/3/60	See footnote 2
ZWN060L6D	13,919	460/3/60	See footnote 2

Notes:

1. Suitable for R-407C
2. Scroll "L6" models must have a liquid line option specified.



Water-Cooled Condensing Units

1/2 - 6 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, X6	Medium temperature applications only.	602
Mechanical Options				
LIQ.001-1	Liquid-line Drier & Sight Glass	005-025	-	565
LIQ.001-2	Liquid-line Drier & Sight Glass	030-060	-	655
LIQ.002-1	Liquid-line Drier, Sight Glass & Solenoid Valve	005-025	-	1,205
LIQ.002-2	Liquid-line Drier, Sight Glass & Solenoid Valve	030-060	-	1,296
SUC.003-1	Suction-line filter	005-025	-	360
SUC.003-2	Suction-line filter	030-060	-	427
SUC.007-1	Suction accumulator	005-025	-	452
SUC.007-2	Suction accumulator	027-060	-	753
SUC.004-1	Suction-line filter & accumulator	005-025	-	812
SUC.004-2	Suction-line filter & accumulator	030-060	-	1,180

Section 2

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.

3

If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.002	Defrost Timer - Electric	005-060 L6, H2, X6 (208-230V)	-	602
DFT.007	Electric Defrost Kit	HWN: 040-050 H2, X6 (208-230V) ZWN: 030-060 X6, L6 (208-230V) All: 015-060 H2, X6, L6 (460V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	857
SDK.001	InterLink™ Smart Defrost Kit™	005-060 and L6, H2, X6	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930



Water-Cooled Condensing Units

1/2 - 6 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522

Section 2

Water-Cooled Condensing Units



3/4 - 22 HP

Overview



Product Description:

The 3/4 through 22 HP water-cooled condensing unit product line features semi-hermetic compressors. These condensing units are "vessel-mounted" indoor water-cooled condensing units complete with a shell and tube condenser.

The cleanable condenser is perfect for applications where air-cooled condensers would not be practical and/or areas where water is readily available.

These units provide an economical, compact alternative to traditional air-cooled condensing units.

Certifications:



Cabinet & Construction

- Component location and unit size are optimized for easy field replacement and space limited applications

Serviceability

- Spacious, pre-painted electrical box
- Pump-down switch
- Easy access refrigerant piping
- Captive door fasteners
- Single electrical connection location
- Removable electrical box provides convenient front access to the oil pump and compressor

Quality

- Pre-bent tubing reduces the possibility of leaks
- Shipped with a dry nitrogen holding charge
- Heavy duty metal base plate
- Non-metallic conduit on all wiring runs

Components

- Semi-hermetic reciprocating compressors
- Rigid mounted compressors on models 0075-0400 and spring mounted compressors with suction and discharge vibration eliminators on models 0499 and above
- Fixed low pressure switch (adjustable on low temperature models)
- Fixed high pressure switch
- Sealed liquid line filter drier and sight glass

Nomenclature

S	W	N	0075	L	6	B
Compressor	Model	Application	Model Size	Operating Range	Refrigerant	Electrical Code
S = Semi-Hermetic Reciprocating	W = Water Cooled	N = Indoor	0075-2200	H = High L = Low M = Medium E = Extra Low	6 = R-404A/R-507A, R-407A/R-407C, R-448A/R-449A	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60 E = 575/3/60



Water-Cooled Condensing Units

¾ - 22 HP

Configurable Models Pricing

Standard Features

- Solid mounted semi-hermetic Reed and Discus® compressors up to and including 0400
- Spring mounted compressor 0499 and above
- Oil pressure switch (where required)
- High-low pressure controls
- Compressor contactor
- Shell and tube water-cooled condenser with pressure relief
- Liquid-line filter drier and sight glass
- Pump-down switch

Need to customize? Look at the factory-installed options starting on page 173.

Larkin Model	List Price (\$US)	Voltage	Notes
Semi-Hermetic Medium Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
SWN0090M6B	10,104	208-230/1/60	-
SWN0090M6C	10,240	208-230/3/60	-
SWN0199M6B	11,848	208-230/1/60	-
SWN0199M6C	11,923	208-230/3/60	-
SWN0200M6C	13,221	208-230/3/60	-
SWN0310M6C	15,496	208-230/3/60	-
SWN0310M6D	17,016	460/3/60	-
SWN0310M6E	17,354	575/3/60	-
SWN0500M6C	18,212	208-230/3/60	See footnote 1
SWN0500M6D	19,861	460/3/60	See footnote 1
Semi-Hermetic Low Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
SWN0150L6B	10,994	208-230/1/60	-
SWN0150L6C	11,048	208-230/3/60	-
SWN0150L6D	12,698	460/3/60	-
SWN0200L6C	13,347	208-230/3/60	-
SWN0210L6B	13,552	208-230/1/60	-
SWN0210L6C	13,347	208-230/3/60	-
SWN0210L6D	15,055	460/3/60	-
SWN0210L6E	15,354	575/3/60	-
SWN0310E6C	15,130	208-230/3/60	-
SWN0310E6D	16,833	460/3/60	-
SWN0310L6C	15,130	208-230/3/60	-
SWN0310L6D	16,833	460/3/60	-
SWN0310L6E	17,168	575/3/60	-
SWN0311L6C	18,177	208-230/3/60	See footnote 2
SWN0311L6D	19,878	460/3/60	See footnote 2
SWN0311L6E	20,275	575/3/60	See footnote 2
SWN0400L6C	19,490	208-230/3/60	See footnote 2
SWN0400L6D	21,230	460/3/60	See footnote 2
SWN0400L6E	21,652	575/3/60	See footnote 2
SWN0599L6C	20,069	208-230/3/60	See footnote 2
SWN0599L6D	21,771	460/3/60	See footnote 2
SWN0599L6E	22,211	575/3/60	See footnote 2

Larkin Model	List Price (\$US)	Voltage	Notes
SWN0600L6C	21,398	208-230/3/60	See footnote 2
SWN0600L6D	23,101	460/3/60	See footnote 2
SWN0600L6E	23,564	575/3/60	See footnote 2
SWN0601L6C	22,729	208-230/3/60	See footnote 2
SWN0601L6D	24,434	460/3/60	See footnote 2
SWN0601L6E	24,925	575/3/60	See footnote 2
SWN0750L6C	24,561	208-230/3/60	See footnote 2
SWN0750L6D	26,655	460/3/60	See footnote 2
SWN0750L6E	27,188	575/3/60	See footnote 2
SWN0900L6C	27,301	208-230/3/60	See footnote 2
SWN0900L6D	29,399	460/3/60	See footnote 2
SWN0900L6E	29,986	575/3/60	See footnote 2
SWN1000L6C	29,976	208-230/3/60	See footnote 2
SWN1000L6D	30,936	460/3/60	See footnote 2
SWN1000L6E	31,554	575/3/60	See footnote 2
SWN1500L6C	36,288	208-230/3/60	See footnote 2
SWN1500L6D	37,212	460/3/60	See footnote 2
SWN1500L6E	37,957	575/3/60	See footnote 2
SWN2200L6C	42,484	208-230/3/60	See footnote 2
SWN2200L6D	43,404	460/3/60	See footnote 2
SWN2200L6E	44,269	575/3/60	See footnote 2

Notes:

1. Suitable for R-407A, R-407C, R-448A/R-449A)
2. Suitable for R-407A, R-407C, R407F

Water-Cooled Condensing Units



¾ - 22 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, M2, M6	Medium temperature applications only.	602
CBK.001-1	Circuit Breakers (Compressor & Control Circuit)	0075-0311 (208-230/1/60 or 230V/1/60)	-	525
CBK.001-2	Circuit Breakers (Compressor & Control Circuit)	0075-2000 (230V/3/60)	-	619
CBK.001-3	Circuit Breakers (Compressor & Control Circuit)	0100-2200 (460V/3/60)	-	1,483
CBK.001-4	Circuit Breakers (Compressor & Control Circuit)	2200L6C	-	2,342
CCH.001	Crankcase Heater	All	-	341
SW.002	Dual pressure control with adjustable high & low pressure settings	All	-	166
Mechanical Options				
LIQ.003	Replaceable core liquid-line filter drier & sight glass	0300-2200	-	922
LIQ.002-1	Liquid-line solenoid valve	0075-0400	Not recommended on applications with line runs more than 25 feet.	669
LIQ.002-2	Liquid-line solenoid valve	0499-0900	Not recommended on applications with line runs more than 25 feet.	748
LIQ.002-3	Liquid-line solenoid valve	1000-2200	Not recommended on applications with line runs more than 25 feet.	1,025
CMT.002	Spring Mounted Compressor	0075-0400	Includes discharge and suction vibration eliminators. Standard on 0499 and above	454
SUC.003-1	Suction-line filter	0075-0210	-	378
SUC.003-2	Suction-line filter	0300-0400	-	865
SUC.005	Replaceable core suction-line filter	0300-0400	-	1,360
SUC.007-1	Suction accumulator	0075-0210	-	562
SUC.007-2	Suction accumulator	0300-0400	-	876
SUC.010	Suction-line filter	0499-2200	-	1,336
SUC.012	Replaceable core suction-line filter	0500-2200	-	1,360
SUC.014-1	Suction accumulator	0499-1000	-	1,400
SUC.014-2	Suction accumulator	1500H2-2000H2 & 1500L6-2200L6	-	2,559
DIS.001	Oil separator with discharge line check valve	0300-0400	-	1,417
DIS.009-1	Oil separator with discharge line check valve	0499-0500	-	1,417
DIS.009-2	Oil separator with discharge line check valve	0599-1000	-	1,497
DIS.009-3	Oil separator with discharge line check valve	1500-2200	-	1,771

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.
- 3 If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.028-1	Electric Defrost Kit (Low Amps)	0075-1000, 1500-2200 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,058
DFT.028-2	Electric Defrost Kit (Low Amps)	1500-2200 (230V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,554
DFT.029-1	Electric Defrost Kit (High Amps)	0150H2B, 0199M6B, 0300-0601, 0750-1000 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,058
DFT.029-2	Electric Defrost Kit (High Amps)	0750-1000 (230V), 1500-2200	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,554
DEF.067-1	Fuses for electric defrost kits (Low Amps)	0075-1000	-	437
DEF.067-2	Fuses for electric defrost kits (Low Amps)	1500-2200	-	619
DEF.068-1	Fuses for electric defrost kits (High Amps)	0150H2B, 0199M6B, 0300-0601	-	437
DEF.068-2	Fuses for electric defrost kits (High Amps)	0750-2200	-	619
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930

Water-Cooled Condensing Units



3/4 - 22 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
2935028	Water Regulating Valve	0075-0311	-	404
2935031	Water Regulating Valve	0400-0601	-	404
2935041	Water Regulating Valve	0750-0900	-	1,297
2935042	Water Regulating Valve	1000, 1500L6, 2200L6	-	1,297
87409001	Water Regulating Valve	1500H2, 2000H2	-	3,486
50055901	Two Tier Rack (Small)	0075 - 1000	-	3,663
50055902	Two Tier Rack (Large)	1500 - 2200	-	3,663

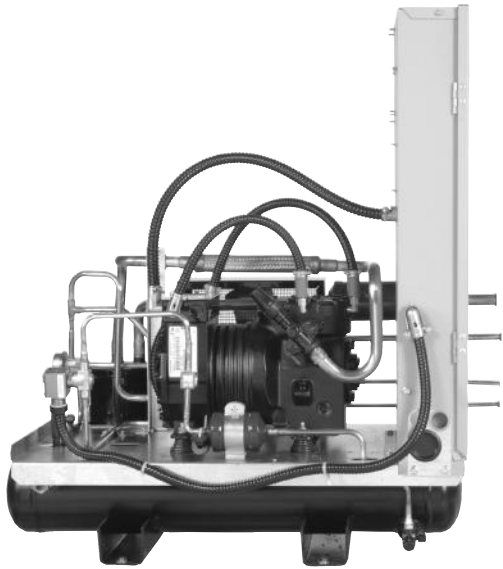
Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832

3/4 - 22 HP

Overview



Cabinet & Construction

- Spacious, pre-painted electrical box
- Fixed low pressure switch (adjustable on low temp models)
- Fixed high pressure switch
- Pump down switch
- 230V control circuit transformer on 460V units
- Standard 16-3/4" tall box - (large 29-1/4" tall box is standard when defrost components are selected)
- Sealed liquid line filter drier and sight glass

Serviceability

- Easy access refrigerant piping
- Captive door fasteners
- Single electrical connection location
- Removable electrical box provides convenient front access to the oil pump and compressor

Quality

- Every unit is subjected to a helium leak test to ensure the unit is leak free
- Shipped with nitrogen holding charge to enable installer to verify unit is leak-free upon arrival
- All the units are completely leak tested in a helium environment, compressor is bump tested and high and low pressure controls are cycled. Each unit has a copy of the run data shipped inside the electrical panel.

Components

- Pre-bent tubing reduces the possibility of leaks
- Shipped with dry nitrogen charge
- Heavy duty base plate
- Non-metallic conduit on all wiring runs

Product Description

The indoor SRN and ZRN remote compressor units feature semi-hermetic or Scroll® compressors. These units are specially designed for use in supermarket restaurant, warehouse and other commercial and industrial applications.

The design focuses on easy of installation and maintenance along with the flexibility to fit most application requirements.

Certifications



Nomenclature

S	R	N	020	H	2	C
Compressor	Model	Application	Model Size	Operating Range	Refrigerant	Electrical Code
S = Semi-Hermetic Reciprocating Z = Remote Scroll®	R = Remote	N = Indoor	020-2200	H = High L = Low M = Medium E- Extra Low X = Extended Temp.	6 = R-404A/R-507A, R-407A/R-407C, R-448A/R-449A	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60 E = 575/3/60

Remote Compressor Units



¾ - 22 HP

Configurable Models Pricing

Standard Features

- Solid mounted semi-hermetic Reed and Discus® compressors up to and including 0400
- Spring mounted compressor 0499 and above
- Oil pressure switch (where required)
- High-low pressure controls
- Compressor contactor
- Liquid receiver with pressure relief
- Liquid-line filter drier and sight glass (except ZRN020-060)
- Pump-down switch

Need to customize? Look at the factory-installed options starting on page 179.

Larkin Model	List Price (\$US)	Voltage	Notes
Semi-Hermetic Medium Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
SRN0090M6B	8,592	208-230/1/60	-
SRN0090M6C	8,744	208-230/3/60	-
SRN0199M6B	10,114	208-230/1/60	-
SRN0199M6C	10,062	208-230/3/60	-
SRN0200M6C	11,195	208-230/3/60	-
SRN0310M6C	12,388	208-230/3/60	-
SRN0310M6D	13,905	460/3/60	-
SRN0310M6E	14,182	575/3/60	-
SRN0500M6C	14,464	208-230/3/60	See footnote 1
SRN0500M6D	16,439	460/3/60	See footnote 1
SRN0500M6E	16,769	575/3/60	See footnote 1
Semi-Hermetic Low Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
SRN0150L6B	9,169	208-230/1/60	-
SRN0150L6C	9,157	208-230/3/60	-
SRN0150L6D	10,862	460/3/60	-
SRN0200L6C	11,320	208-230/3/60	-
SRN0210L6B	11,320	208-230/1/60	-
SRN0210L6C	11,525	208-230/3/60	-
SRN0210L6D	13,029	460/3/60	-
SRN0210L6E	13,289	575/3/60	-
SRN0310E6C	12,481	208-230/3/60	-
SRN0310E6D	14,184	460/3/60	-
SRN0310L6C	12,481	208-230/3/60	-
SRN0310L6D	14,184	460/3/60	-
SRN0310L6E	14,471	575/3/60	-
SRN0311L6C	14,920	208-230/3/60	See footnote 2
SRN0311L6D	16,624	460/3/60	See footnote 2
SRN0311L6E	16,955	575/3/60	See footnote 2
SRN0400L6C	16,350	208-230/3/60	See footnote 2
SRN0400L6D	18,055	460/3/60	See footnote 2
SRN0400L6E	18,418	575/3/60	See footnote 2
SRN0599L6C	17,007	208-230/3/60	See footnote 2
SRN0599L6D	18,711	460/3/60	See footnote 2
SRN0599L6E	19,085	575/3/60	See footnote 2
SRN0600L6C	17,127	208-230/3/60	See footnote 2
SRN0600L6D	18,829	460/3/60	See footnote 2
SRN0600L6E	19,204	575/3/60	See footnote 2

Larkin Model	List Price (\$US)	Voltage	Notes
SRN0601L6C	17,952	208-230/3/60	See footnote 2
SRN0601L6D	19,656	460/3/60	See footnote 2
SRN0601L6E	20,049	575/3/60	See footnote 2
SRN0750L6C	20,975	208-230/3/60	See footnote 2
SRN0750L6D	23,074	460/3/60	See footnote 2
SRN0750L6E	23,535	575/3/60	See footnote 2
SRN0900L6C	22,161	208-230/3/60	See footnote 2
SRN0900L6D	24,254	460/3/60	See footnote 2
SRN0900L6E	24,743	575/3/60	See footnote 2
SRN1000L6C	24,509	208-230/3/60	See footnote 2
SRN1000L6D	24,732	460/3/60	See footnote 2
SRN1000L6E	25,227	575/3/60	See footnote 2
SRN1500L6C	29,247	208-230/3/60	See footnote 2
SRN1500L6D	30,171	460/3/60	See footnote 2
SRN1500L6E	30,777	575/3/60	See footnote 2
SRN2200L6C	33,587	208-230/3/60	See footnote 2
SRN2200L6D	34,511	460/3/60	See footnote 2
SRN2200L6E	35,201	575/3/60	See footnote 2
Scroll Extended Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
ZRN020X6B	7,877	208-230/1/60	-
ZRN020X6C	8,006	208-230/3/60	-
ZRN020X6D	8,450	460/3/60	-
ZRN025X6B	7,738	208-230/1/60	-
ZRN025X6C	7,867	208-230/3/60	-
ZRN025X6D	8,311	460/3/60	-
ZRN030X6B	8,365	208-230/1/60	-
ZRN030X6C	8,494	208-230/3/60	-
ZRN030X6D	8,939	460/3/60	-
ZRN035X6B	8,226	208-230/1/60	-
ZRN035X6C	8,363	208-230/3/60	-
ZRN035X6D	8,681	460/3/60	-
ZRN045X6B	8,624	208-230/1/60	-
ZRN045X6C	8,776	208-230/3/60	-
ZRN045X6D	9,082	460/3/60	-
ZRN055X6B	8,431	208-230/1/60	-
ZRN055X6C	8,589	208-230/3/60	-
ZRN055X6D	9,081	460/3/60	-
ZRN060X6C	9,593	208-230/3/60	-
ZRN060X6D	9,807	460/3/60	-

Notes:

1. Suitable for R-407A, R-407C, R-448A/R-449A
2. Suitable for R-407A, R-407C, R407F
3. Scroll "L6" models must have a liquid line option specified.



Remote Compressor Units

¾ - 22 HP

Configurable Models Pricing

Larkin Model	List Price (\$US)	Voltage	Notes
Scroll Medium Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
ZRN0650M6C	13,538	208-230/3/60	-
ZRN0650M6D	15,636	460/3/60	-
ZRN0650M6E	16,030	575/3/60	-
ZRN0700M6C	14,509	208-230/3/60	-
ZRN0700M6D	16,609	460/3/60	-
ZRN0700M6E	17,030	575/3/60	-
ZRN0750M6C	14,932	208-230/3/60	-
ZRN0750M6D	17,033	460/3/60	-
ZRN0750M6E	17,454	575/3/60	-
ZRN0860M6C	16,230	208-230/3/60	-
ZRN0860M6D	17,135	460/3/60	-
ZRN0860M6E	17,569	575/3/60	-
ZRN1000M6C	19,461	208-230/3/60	-
ZRN1000M6D	20,381	460/3/60	-
ZRN1000M6E	20,878	575/3/60	-
ZRN1400M6C	21,958	208-230/3/60	-
ZRN1400M6D	22,878	460/3/60	-
ZRN1400M6E	23,374	575/3/60	-
Scroll Low Temperature (R-404A/R-507A, R-407A/R-407C, R-448A/R-449A)			
ZRN020L6B	8,605	208-230/1/60	See Footnote 3
ZRN020L6C	8,761	208-230/3/60	See Footnote 3
ZRN020L6D	10,044	460/3/60	See Footnote 3
ZRN025L6B	8,946	208-230/1/60	See Footnote 3
ZRN025L6C	9,102	208-230/3/60	See Footnote 3
ZRN025L6D	10,382	460/3/60	See Footnote 3
ZRN030L6B	9,482	208-230/1/60	See Footnote 3
ZRN030L6C	9,638	208-230/3/60	See Footnote 3
ZRN030L6D	10,919	460/3/60	See Footnote 3
ZRN035L6B	9,823	208-230/1/60	See Footnote 3
ZRN035L6C	9,981	208-230/3/60	See Footnote 3
ZRN035L6D	10,243	460/3/60	See Footnote 3
ZRN045L6B	10,297	208-230/1/60	See Footnote 3
ZRN045L6C	10,446	208-230/3/60	See Footnote 3
ZRN045L6D	10,710	460/3/60	See Footnote 3
ZRN055L6B	10,539	208-230/1/60	See Footnote 3
ZRN055L6C	10,683	208-230/3/60	See Footnote 3
ZRN055L6D	10,957	460/3/60	See Footnote 3
ZRN060L6C	11,970	208-230/3/60	See Footnote 3
ZRN060L6D	12,693	460/3/60	See Footnote 3
ZRN0750L6C	16,323	208-230/3/60	-
ZRN0750L6D	18,026	460/3/60	-
ZRN0750L6E	18,402	575/3/60	-

Larkin Model	List Price (\$US)	Voltage	Notes
ZRN1000L6C	20,305	208-230/3/60	-
ZRN1000L6D	22,404	460/3/60	-
ZRN1000L6E	22,864	575/3/60	-
ZRN1300L6C	21,972	208-230/3/60	-
ZRN1300L6D	24,066	460/3/60	-
ZRN1300L6E	24,555	575/3/60	-
ZRN1500L6C	23,910	208-230/3/60	-
ZRN1500L6D	24,131	460/3/60	-
ZRN1500L6E	24,628	575/3/60	-

Section 2

Notes:

1. Suitable for R-407A, R-407C, R-448A/R-449A
2. Suitable for R-407A, R-407C, R407F
3. Scroll "L6" models must have a liquid line option specified.

Remote Compressor Units



3/4 - 22 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, M2, M6, X6	Medium temperature applications only.	602
CBK.001-1	Circuit Breakers (Compressor & Control Circuit)	0075-0311 (208-230/1/60 or 230V/1/60)	-	525
CBK.001-2	Circuit Breakers (Compressor & Control Circuit)	0075-2000 (230V/3/60)	-	619
CBK.001-3	Circuit Breakers (Compressor & Control Circuit)	0100-2200 (460V/3/60)	-	1,483
CBK.001-4	Circuit Breakers (Compressor & Control Circuit)	2200L6C	-	2,342
CCH.001	Crankcase Heater	All SRN	-	341
SW.002	Dual pressure control with adjustable high & low pressure settings	0075-2200	-	166
Mechanical Options				
LIQ.001	Liquid-line filter drier & sight glass	020-060 ZRN	Required on all L6 models with scroll compressors.	655
LIQ.002-1	Liquid-line solenoid valve	0075-0400	Not recommended on applications with line runs more than 25 feet.	669
LIQ.002-2	Liquid-line solenoid valve	0499-0900 SRN, 0650-0750M6 ZRN, 0750-1300L6 ZRN	Not recommended on applications with line runs more than 25 feet.	748
LIQ.002-3	Liquid-line solenoid valve	1000-2200 SRN, 0860-1400M6 ZRN, 1500L6 ZRN	Not recommended on applications with line runs more than 25 feet.	1,025
LIQ.002-4	Liquid-line solenoid valve	020-060 ZRN	Not recommended on applications with line runs more than 25 feet.	1,296
LIQ.003	Replaceable core liquid-line filter drier & sight glass	0300-2200 SRN, 0650-1500 ZRN	-	922
SUC.003-1	Suction-line filter	0075-0210 SRN	-	378
SUC.003-2	Suction-line filter	020-060 ZRN	-	427
SUC.003-3	Suction-line filter	0750-1500L6 ZRN	-	865
SUC.003-4	Suction-line filter	0650-1400M6 ZRN	-	1,336
SUC.005	Replaceable core suction-line filter	0310-0400 SRN, 0650-1500 ZRN	-	1,360
SUC.010	Suction-line filter	0499-2200 SRN	-	1,336
SUC.012	Replaceable core suction-line filter	0300 & 0499-2200 SRN	-	1,360
SUC.007-1	Suction accumulator	0075-0210 SRN	-	562
SUC.007-2	Suction accumulator	020-060 ZRN	-	753
SUC.007-3	Suction accumulator	0300-0400 SRN, 0750L6-1500L6 ZRN	-	876
SUC.007-4	Suction accumulator	0650M6-1400M6 ZRN	-	1,400
SUC.014-1	Suction accumulator	0499-1000 SRN	-	1,400
SUC.014-2	Suction accumulator	1500-2200 SRN	-	2,559
DIS.001-1	Oil separator with discharge line check valve	0300-0400 SRN, 0750L6-1500L6 ZRN	-	1,417
DIS.001-2	Oil separator with discharge line check valve	0650M6-1400M6 ZRN	-	1,497
DIS.004-1	Head pressure control flooding valve, fixed	020-060 ZRN	-	533
DIS.004-2	Head pressure control flooding valve, fixed	0075-0400 SRN, 0650-1500 ZRN	-	546
DIS.009-1	Oil separator with discharge line check valve	0499-0500 SRN	-	1,417
DIS.009-2	Oil separator with discharge line check valve	0599-1000 SRN	-	1,497
DIS.009-3	Oil separator with discharge line check valve	1500-2200 SRN	-	1,771
DIS.010-1	Head pressure control flooding valve, fixed	0499-1000 SRN	-	546
DIS.010-2	Head pressure control flooding valve, fixed	1500-2200 SRN	-	925

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.
- 3 If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.002	Defrost Timer - Electric	ZRN: 020-060X6/L6	-	602
DFT.007	Electric Defrost Kit	ZRN: 020-060X6/L6	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	857
DFT.028-1	Electric Defrost Kit (Low Amps)	SRN: 0075-1000 & 1500-2200 (460V); ZRN: 0650-0860 (230V) & 0650-1500 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,058
DFT.028-2	Electric Defrost Kit (Low Amps)	SRN: 1500-2200 (230V); ZRN: 1000-1400M6 (230V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,554
DFT.029-1	Electric Defrost Kit (High Amps)	SRN: 0150H2B, 0199M6B, 0300-0601, 0750-1000 (460V); ZRN: 0750L6 (230V), 0650-0860M6/L6 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,058
DFT.029-2	Electric Defrost Kit (High Amps)	SRN: 0750-1000 (230V), 1500-2200; ZRN: M6 (230V), 1000-1500L6 (230V), 1000-1400M6 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,554
DEF.067-1	Fuses for electric defrost kits (Low Amps)	SRN: 0075-1000; ZRN: 0560-0860M6, 0750-1500L6	-	437
DEF.067-2	Fuses for electric defrost kits (Low Amps)	SRN: 1500-2200; ZRN: 1000-1400M6	-	619
DEF.068-1	Fuses for electric defrost kits (High Amps)	SRN: 0150H2B, 0199M6B, 0300-0601; ZRN: 0750L6	-	437
DEF.068-2	Fuses for electric defrost kits (High Amps)	SRN: 0750-2200; ZRN: 0650-1400M6, 1000-1500L6	-	619
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	930

3/4 - 22 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50055901	Two Tier Rack (Small)	0075 - 1000, 020 - 060	-	3,663
50055902	Two Tier Rack (Large)	1500 - 2200	-	3,663

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	328
7/8"	29346101	450
1 1/8"	29399012	662
1 3/8"	29394306	2,522
1 5/8"	4262Q	2,832

Top Mount

Overview



Product Description

The PRO³ Top Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers, is ideal for small- to medium-sized restaurant and convenience store applications where holding temperature is the primary goal. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: no piping or loose components to install, refrigerant is pre-charged at factory and a field superheat adjustment is not required (see installation manual for more information)
- No drain line required on indoor models - come standard with a condensate evaporation pan
- Flexible design allows for multiple installation methods: optimized for indoor use, but outdoor models available with weatherhood installed. Outdoor models also come with: crankcase heater, drain line heater and fan-cycling for head pressure control
- Maximizes storage area in a cooler or freezer: evaporator grill mounts flush on a standard 4" or a recessed 5 1/2" ceiling panel

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components or refrigerant charging required; most models come with a 26" power cord ready to plug-in
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Reliable & Durable

- Electronic control provides accurate temperature control
- Liquid-line filter drier (medium and large cabinet only)
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

Nomenclature

P	T	N	072	H	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO3 Packaged Refrigeration System	T = Top Mount	N = Indoor T = Outdoor	# x 100 = BTUH	H = High/ Medium L = Low M = Medium	6 = R-404A	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60	H = PC E = EC (evap. only)

PRO³ Packaged Refrigeration System



Top Mount

Standard Models Pricing

Larkin Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)							
PTN026H6AE	6,156	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN026H6AH	5,803	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN031H6AE	6,766	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN031H6AH	6,334	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN042H6AE	7,013	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN042H6AH	6,899	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN050H6AE	9,181	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN050H6AH	8,784	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN050H6BE	9,189	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN050H6BH	9,037	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN067H6BE	10,503	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN067H6BH	9,324	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN076H6BE	11,388	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN076H6BH	10,448	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN104H6BE	13,365	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN104H6BH	11,473	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN104H6CE	12,526	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN104H6CH	11,384	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN133H6BE	14,984	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN133H6BH	12,935	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN133H6CE	13,760	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN133H6CH	12,646	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT050H6BE	10,404	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT050H6BH	9,959	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT067H6BE	11,571	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT067H6BH	10,656	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT076H6BE	12,402	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT076H6BH	11,448	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT104H6BE	13,963	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT104H6BH	12,658	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT104H6CE	13,919	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT104H6CH	12,643	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT133H6BE	15,310	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT133H6BH	14,117	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT133H6CE	15,220	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT133H6CH	13,879	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.



PRO³ Packaged Refrigeration System

Top Mount

Standard Models Pricing

Larkin Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)							
PTN024M6AE	6,247	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN024M6AH	5,893	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN029M6AE	6,859	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN029M6AH	6,425	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN040M6AE	7,216	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN040M6AH	7,101	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN047M6AE	9,378	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN047M6AH	8,980	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN047M6BE	9,870	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN047M6BH	9,127	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN063M6BE	10,654	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN063M6BH	9,364	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN072M6BE	11,536	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN072M6BH	10,595	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN099M6BE	13,820	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN099M6BH	13,002	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN099M6CE	13,492	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN099M6CH	12,887	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN128M6BE	15,519	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN128M6BH	13,683	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN128M6CE	14,920	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN128M6CH	13,595	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT047M6BE	10,532	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT047M6BH	10,089	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT063M6BE	11,894	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT063M6BH	10,792	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT072M6BE	12,518	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT072M6BH	11,596	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT099M6BE	14,245	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT099M6BH	12,923	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT099M6CE	14,189	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT099M6CH	12,917	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT128M6BE	15,614	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT128M6BH	14,428	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT128M6CE	15,513	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT128M6CH	14,173	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

PRO³ Packaged Refrigeration System



Top Mount

Standard Models Pricing

Larkin Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Low Temperature - Electric Defrost - Freezer Applications (R-404A)							
PTN021L6AE	10,539	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN021L6AH	10,103	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN021L6BE	10,567	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN021L6BH	10,103	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN031L6BE	12,031	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN031L6BH	11,051	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN044L6BE	13,708	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Medium
PTN044L6BH	12,609	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Medium
PTN052L6BE	15,674	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN052L6BH	14,151	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN052L6CE	15,669	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN052L6CH	14,151	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN069L6BE	16,737	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN069L6BH	15,132	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN069L6CE	16,722	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN069L6CH	15,132	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT021L6BE	11,926	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT021L6BH	11,437	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT031L6BE	13,545	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT031L6BH	12,530	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT044L6BE	15,442	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT044L6BH	14,297	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT052L6BE	17,576	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT052L6BH	16,000	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT052L6CE	17,563	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT052L6CH	16,000	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT069L6BE	18,781	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT069L6BH	17,127	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT069L6CE	18,770	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT069L6CH	17,127	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

Side Mount

Overview



PRO³
Side Mount

Product Description

The PRO³ Side Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers and optimized for outdoor applications, is ideal for small- to medium-sized restaurant and convenience store applications where maximum airflow is essential for pulling down the temperature of foods or beverages. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Nomenclature

P	S	T	070	L	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO ³ Packaged Refrigeration System	S = Side Mount	T = Outdoor	# x 100 = BTUH	H = High/Medium L = Low M = Medium w/ electric defrost	6 = R-404A	B = 208-230/1/60	H = PC E = EC (evap. only)

Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: refrigerant is pre-charged at factory, superheat adjustment is not required and unit slides into slots in standard walk-in panel (see installation manual for more information)
- Designed for simple serviceability: the condensing unit section's cabinet door can be quickly removed; in addition, the electrical box is located outside the cabinet for easy access
- Flexible design allows for multiple installation methods: Optimized for outdoor use, but can be used indoors as well (with drain connection)
- Lifting lugs and hanging brackets in evaporating section allow for easy installation

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components required
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Performance

- Maximized airflow: evaporator placement in walk-in box with pull through fans
- Suitable for temperature pull-down and holding temperature
- Increased condenser capacity, by avoiding compressor heat
- Improved tolerance in high-ambient conditions
- Electric defrost in medium temperature models, allowing for maximum performance in storage applications just above 32°F
- Fan-cycling for head pressure control
- Crankcase heater
- Drain line heater

Reliable & Durable

- Electronic microprocessor control provides accurate temperature control
- Liquid-line filter drier
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: the PRO³ Side Mount packaged refrigeration system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

PRO³ Packaged Refrigeration System



Side Mount

Standard Models Pricing

Larkin Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)					
PST070H6BE	10,752	Outdoor	208-230/1/60	EC Motor	Small
PST070H6BH	10,348	Outdoor	208-230/1/60	PSC Motor	Small
PST090H6BE	11,360	Outdoor	208-230/1/60	EC Motor	Small
PST090H6BH	10,954	Outdoor	208-230/1/60	PSC Motor	Small
PST131H6BE	12,983	Outdoor	208-230/1/60	EC Motor	Large
PST131H6BH	12,173	Outdoor	208-230/1/60	PSC Motor	Large
PST147H6BE	14,201	Outdoor	208-230/1/60	EC Motor	Large
PST147H6BH	13,391	Outdoor	208-230/1/60	PSC Motor	Large
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)					
PST066M6BE	11,239	Outdoor	208-230/1/60	EC Motor	Small
PST066M6BH	10,833	Outdoor	208-230/1/60	PSC Motor	Small
PST086M6BE	11,847	Outdoor	208-230/1/60	EC Motor	Small
PST086M6BH	11,443	Outdoor	208-230/1/60	PSC Motor	Small
PST124M6BE	13,471	Outdoor	208-230/1/60	EC Motor	Large
PST124M6BH	12,660	Outdoor	208-230/1/60	PSC Motor	Large
PST141M6BE	14,688	Outdoor	208-230/1/60	EC Motor	Large
PST141M6BH	13,876	Outdoor	208-230/1/60	PSC Motor	Large
Low Temperature - Electric Defrost - Freezer Applications (R-404A)					
PST034L6BE	13,186	Outdoor	208-230/1/60	EC Motor	Small
PST034L6BH	12,781	Outdoor	208-230/1/60	PSC Motor	Small
PST051L6BE	14,404	Outdoor	208-230/1/60	EC Motor	Small
PST051L6BH	13,998	Outdoor	208-230/1/60	PSC Motor	Small
PST057L6BE	16,027	Outdoor	208-230/1/60	EC Motor	Large
PST057L6BH	15,216	Outdoor	208-230/1/60	PSC Motor	Large
PST077L6BE	17,244	Outdoor	208-230/1/60	EC Motor	Large
PST077L6BH	16,434	Outdoor	208-230/1/60	PSC Motor	Large

Section 2

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

1 - 26 Ton

Overview



Product Description

Direct drive air-cooled condensers, available from 1 through 26 ton models, are the industry standard for remote air-cooled applications. They are designed for efficient performance and low maintenance and are great for many applications.

Certifications



Standard Features

Ease of Installation & Service

- Weatherproof junction box with motor leads terminating for single-point field wiring

Reliable & Durable

- Heavy gauge smooth aluminum cabinet for long life and attractive appearance
- Coated steel fan guards
- Internally protected, permanently lubricated ball bearing motors with automatic reset

Performance

- Fully baffled fan sections to provide structural strength and prevent fan windmilling in the off cycle
- PSC motors come standard to help save on energy costs

Versatile

- Horizontal or vertical air discharge
- Multicircuiting at no additional charge

Nomenclature

FCB	026
Product Line	Size
Direct Drive Air-cooled Condenser	Model

Air-Cooled Condensers



1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
		Fan Cycling Options				Electrical Options			Coil Coatings	
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	ProKote™ Coated Fins	Bronz-Glow Coating or ElectroFin Coil
208-230/1/60 with PSC Motors										
FCB1	2,315	-	-	-	-	-	799	-	218	3,049
FCB1.5	2,834	-	-	-	-	-	799	-	226	3,049
FCB2	3,042	-	-	-	-	-	799	-	244	3,049
FCB3	3,395	-	-	-	-	-	799	-	300	3,049
FCB5	6,189	-	-	-	-	825	799	-	365	3,049
FCB8	7,817	-	-	-	-	825	799	-	582	3,049
FCB10	9,555	561	-	1,023	-	1,077	1,421	-	655	4,562
FCB12	10,730	561	-	1,023	-	1,077	1,421	-	722	4,562
FCB14	12,272	561	-	1,023	-	1,077	1,421	-	874	6,084
FCB16	13,450	561	-	1,023	-	1,077	1,421	-	1,069	6,972
FCB21	15,508	782	-	1,291	-	1,336	1,467	-	1,185	9,126
FCB23	15,946	782	-	1,291	-	1,336	1,467	-	1,350	9,126
FCB26	17,411	782	-	1,291	-	1,336	1,467	-	1,531	9,126
208-230/1/60 with Variable Speed Motor										
FCB5SM	6,667	-	-	-	-	825	799	2,445	365	3,049
FCB8SM	8,297	-	-	-	-	825	799	2,445	582	3,049
FCB10SM	10,033	-	-	Call Factory	-	1,077	1,421	2,445	655	4,562
FCB12SM	11,208	-	-	Call Factory	-	1,077	1,421	2,445	722	4,562
FCB14SM	12,750	-	-	Call Factory	-	1,077	1,421	2,445	874	6,084
FCB16SM	13,928	-	-	Call Factory	-	1,077	1,421	2,445	1,069	6,972
FCB21SM	15,987	-	-	Call Factory	-	1,336	1,467	2,445	1,185	9,126
FCB23SM	16,425	-	-	Call Factory	-	1,336	1,467	2,445	1,350	9,126
FCB26SM	17,890	-	-	Call Factory	-	1,336	1,467	2,445	1,531	9,126
208-230/3/60 with Polyphase Motors										
FCB5	6,556	-	-	-	-	825	799	-	365	3,049
FCB8	8,103	-	-	-	-	825	799	-	582	3,049
FCB10	10,252	-	1,413	-	1,875	1,077	1,421	-	655	4,562
FCB12	11,305	-	1,413	-	1,875	1,077	1,421	-	722	4,562
FCB14	12,846	-	1,413	-	1,875	1,077	1,421	-	874	6,084
FCB16	14,026	-	1,413	-	1,875	1,077	1,421	-	1,069	6,972

Notes:

- For selection or sizing assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.



Air-Cooled Condensers

1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
		Fan Cycling Options				Electrical Options			Coil Coatings	
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	ProKote™ Coated Fins	Bronz-Glow Coating or ElectroFin Coil
FCB21	16,377	-	1,743	-	2,258	1,336	1,467	-	1,185	9,126
FCB23	16,812	-	1,743	-	2,258	1,336	1,467	-	1,350	9,126
FCB26	18,275	-	1,743	-	2,258	1,336	1,467	-	1,531	9,126
208-230/3/60 with Variable Speed Motor										
FCB10SM	10,731	-	-	-	Call Factory	1,077	1,421	2,445	655	4,562
FCB12SM	11,783	-	-	-	Call Factory	1,077	1,421	2,445	722	4,562
FCB14SM	13,324	-	-	-	Call Factory	1,077	1,421	2,445	874	6,084
FCB16SM	14,504	-	-	-	Call Factory	1,077	1,421	2,445	1,069	6,972
FCB21SM	16,856	-	-	-	Call Factory	1,336	1,467	2,445	1,185	9,126
FCB23SM	17,290	-	-	-	Call Factory	1,336	1,467	2,445	1,350	9,126
FCB26SM	18,753	-	-	-	Call Factory	1,336	1,467	2,445	1,531	9,126
460/3/60 with Polyphase Motors										
FCB5	6,556	-	-	-	-	825	799	-	365	3,049
FCB8	8,103	-	-	-	-	825	799	-	582	3,049
FCB10	10,252	-	1,413	-	1,875	1,077	1,421	-	655	4,562
FCB12	11,305	-	1,413	-	1,875	1,077	1,421	-	722	4,562
FCB14	12,846	-	1,413	-	1,875	1,077	1,421	-	874	6,084
FCB16	14,026	-	1,413	-	1,875	1,077	1,421	-	1,069	6,972
FCB21	16,377	-	1,743	-	2,258	1,336	1,467	-	1,185	9,126
FCB23	16,812	-	1,743	-	2,258	1,336	1,467	-	1,350	9,126
FCB26	18,275	-	1,743	-	2,258	1,336	1,467	-	1,531	9,126
460/3/60 with Variable Speed Motor										
FCB10SM	10,731	-	-	-	Call Factory	1,077	1,421	2,445	655	4,562
FCB12SM	11,783	-	-	-	Call Factory	1,077	1,421	2,445	722	4,562
FCB14SM	13,324	-	-	-	Call Factory	1,077	1,421	2,445	874	6,084
FCB16SM	14,504	-	-	-	Call Factory	1,077	1,421	2,445	1,069	6,972
FCB21SM	16,856	-	-	-	Call Factory	1,336	1,467	2,445	1,185	9,126
FCB23SM	17,290	-	-	-	Call Factory	1,336	1,467	2,445	1,350	9,126
FCB26SM	18,753	-	-	-	Call Factory	1,336	1,467	2,445	1,531	9,126

Notes:

1. For selection or sizing assistance, use Heatcraft software tool, THE HUB or contact your local your Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Section 3

Air-Cooled Condensers



1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Larkin Config Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
		Fan Cycling Options				Electrical Options			Coil Coatings	
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	ProKote™ Coated Fins	Bronz-Glow Coating or ElectroFin Coil
575/3/60 with Polyphase Motors										
FCB5	6,983	-	-	-	-	-	799	-	365	3,049
FCB8	8,529	-	-	-	-	-	799	-	582	3,049
FCB10	11,105	-	1,413	-	1,875	-	1,421	-	655	4,562
FCB12	12,158	-	1,413	-	1,875	-	1,421	-	722	4,562
FCB14	13,698	-	1,413	-	1,875	-	1,421	-	874	6,084
FCB16	14,877	-	1,413	-	1,875	-	1,421	-	1,069	6,972
FCB21	17,656	-	1,743	-	2,258	-	1,467	-	1,185	9,126
FCB23	18,089	-	1,743	-	2,258	-	1,467	-	1,350	9,126
FCB26	19,553	-	1,743	-	2,258	-	1,467	-	1,531	9,126

Notes:

1. For selection or sizing assistance, use Heatcraft software tool, THE HUB or contact your local your Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

1 - 26 Ton

Ship-Loose Accessories

Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	List Price (\$US)	Notes
8980700-1	Discharge Air Gravity Damper	1x1	1,404	Includes 1 damper per fan cell
8980700-2	Discharge Air Gravity Dampers	1x2	2,808	Includes 1 damper per fan cell
8980700-3	Discharge Air Gravity Dampers	1x3	4,212	Includes 1 damper per fan cell
R038253919	Control Circuit Transformer	ALL	618	-



Air-Cooled Condensers

11 – 264 Ton

Overview



Product Description

These air-cooled condensers feature improved energy efficiency and low sound levels sought after by the supermarket and grocery industry. Traditional condensers using 1140 RPM motors offer high capacities, but cannot meet the low sound and energy efficiency standards demanded today by this industry. High capacities for operation along with the low sound and energy efficiency requirements are brought together in these units for a great fit for many applications. Choosing a model with the patented QuietEdge™ Fan Blade or Variable Speed EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

- 10 fins per inch spacing standard. 8, 12, and 14 fins per inch spacing available as an option.
- Floating Tube™ coil design virtually eliminates tube sheet leaks
- Internal baffles provided between all fan cells
- Condensers up to 3 fans in length use 3/8" diameter tube to minimize refrigerant charge. Condensers 4 or more fans in length use 1/2" diameter tube to minimize refrigerant pressure drop
- Coated steel fan guards
- Weather resistant control panel with factory-mounted door interrupt disconnect switch
- 2-year warranty on product and 5-year warranty on Floating Tube™

Models with Rail-Mount Variable Speed EC Motors (VSEC)

- 830 or 1140 RPM maximum speeds, with capacities matching 830 or 1140 RPM fixed speed motor options
- 830 RPM Rail Mounted option meets California Title 24 energy efficiency standard

Models with Venturi-Mount Variable Speed EC Motors (VSEC)

- EC motor, swept fan blade and venturi incorporating integrated variable speed technology
- Broad capacity range from 16 to 264 tons
- Aluminum housing for an attractive appearance and corrosion protection, with painted galvanized steel, or galvanized steel as an option
- Side access panels for ease of cleaning coils
- 3-year warranty on EC motors

Models with 830 or 540 RPM Fixed Speed Motors

- Direct drive fan motors in 830 or 540 RPM
- The patented QuietEdge™ fan blade provides an unprecedented sound level of 49.6 dBA (540 RPM @ 10 ft.)
- Patented ServiceEase™ motor mount feature, allows for ease of motor service and reduces likelihood of damage to the coils during servicing
- Condenser coils incorporate the latest advancements in coil technology to provide maximum capacity
- Broader product range to address all applications — capacities ranging from 11 to 225 nominal tons
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Models with 1140 RPM Fixed Speed Motors

- Direct drive fan motors
- Patented ServiceEase™ motor mount
- New, high efficiency condenser coil designed for optimum performance
- Expanded product range from 15 to 249 nominal tons
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Nomenclature

L	N	H	S	04	A	050
Brand	Vintage	Model	Width	Fans	Model Identifier	Standard Capacity
L = Larkin		H = 1140 RPM, 1.5 HP L = 830 RPM, 1.5 HP X = 830 RPM, 1.0 HP Q = 540 RPM, 0.5 HP E = Venturi-Mount VSEC Motor K = Rail-Mount VSEC Motor, 1140 RPM J = Rail-Mount VSEC Motor, 830 RPM	S = Single D = Double	# of Fans (01 - 14)		(MBH/°TD, R-22 @ 10 FPI)

Air-Cooled Condensers



11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
Models with VSEC Motors					
LNES01A008	18,701	18,701	-	1x1	-
LNES01A009	20,707	20,707	-	1x1	-
LNES02A011	32,017	32,017	-	1x2	-
LNES02A015	36,705	36,705	-	1x2	-
LNES02A018	40,139	40,139	-	1x2	-
LNES03A023	55,109	55,109	-	1x3	-
LNES03A027	60,273	60,273	-	1x3	-
LNES04A031	74,423	74,423	-	1x4	-
LNES04A036	80,359	80,359	-	1x4	-
LNES05A039	92,830	92,830	-	1x5	-
LNES05A047	102,128	102,128	-	1x5	-
LNES06A056	122,552	122,552	-	1x6	-
LNES07A065	142,732	142,732	-	1x7	-
LNED04A023	63,097	63,097	-	2x2	-
LNED04A031	73,484	73,484	-	2x2	-
LNED04A036	80,359	80,359	-	2x2	-
LNED06A046	110,203	110,203	-	2x3	-
LNED06A054	120,532	120,532	-	2x3	-
LNED08A062	147,352	147,352	-	2x4	Model has oversized electrical box.
LNED08A073	161,133	161,133	-	2x4	Model has oversized electrical box.
LNED10A079	186,003	186,003	-	2x5	Model has oversized electrical box.
LNED10A093	204,636	204,636	-	2x5	Model has oversized electrical box.
LNED12A112	245,502	245,502	-	2x6	Model has oversized electrical box.
LNED14A129	285,865	285,865	-	2x7	Model has oversized electrical box.
Models with 540 RPM (0.5HP) Motors					
LNQS01A005	8,586	8,586	-	1x1	-
LNQS01A006	10,285	10,285	-	1x1	-
LNQS02A008	14,207	14,207	-	1x2	-
LNQS02A010	19,049	19,049	-	1x2	-
LNQS02A011	21,377	21,377	-	1x2	-
LNQS03A016	29,739	29,739	-	1x3	-
LNQS03A017	33,098	33,098	-	1x3	-
LNQS04A021	40,270	40,270	-	1x4	-
LNQS04A023	44,753	44,753	-	1x4	-
LNQS05A026	50,868	50,868	-	1x5	-
LNQS05A029	56,472	56,472	-	1x5	-

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.



Air-Cooled Condensers

11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
LNQS06A034	68,214	68,214	-	1x6	-
LNQS07A042	82,943	82,943	-	1x7	-
LNQD04A016	30,565	30,565	-	2x2	-
LNQD04A021	40,270	40,270	-	2x2	-
LNQD04A023	44,753	44,753	-	2x2	-
LNQD06A031	61,401	61,401	-	2x3	-
LNQD06A034	68,214	68,214	-	2x3	-
LNQD08A041	82,994	82,994	-	2x4	Model has oversized electrical box.
LNQD08A046	92,025	92,025	-	2x4	Model has oversized electrical box.
LNQD10A052	104,216	104,216	-	2x5	Model has oversized electrical box.
LNQD10A057	115,485	115,485	-	2x5	Model has oversized electrical box.
LNQD12A069	138,861	138,861	-	2x6	Model has oversized electrical box.
LNQD14A083	168,341	168,341	-	2x7	Model has oversized electrical box.
Models with 830 RPM (1.0HP) Motors					
LNXS01A006	8,631	8,631	-	1x1	-
LNXS01A008	10,443	10,443	-	1x1	-
LNXS02A010	13,991	13,991	-	1x2	-
LNXS02A013	19,155	19,155	-	1x2	-
LNXS02A015	22,285	22,285	-	1x2	-
LNXS03A020	29,414	29,414	-	1x3	-
LNXS03A023	34,131	34,131	-	1x3	-
LNXS04A026	39,673	39,673	-	1x4	-
LNXS04A030	45,931	45,931	-	1x4	-
LNXS05A033	49,900	49,900	-	1x5	-
LNXS05A038	57,728	57,728	-	1x5	-
LNXS06A045	69,594	69,594	-	1x6	-
LNXS07A052	79,902	79,902	-	1x7	-
LNXD04A020	29,276	29,276	-	2x2	-
LNXD04A026	39,657	39,657	-	2x2	-
LNXD04A030	45,949	45,949	-	2x2	-
LNXD06A039	60,140	60,140	-	2x3	-
LNXD06A045	69,576	69,576	-	2x3	-
LNXD08A052	80,991	80,991	-	2x4	Model has oversized electrical box.
LNXD08A061	93,578	93,578	-	2x4	Model has oversized electrical box.
LNXD10A066	101,478	101,478	-	2x5	Model has oversized electrical box.
LNXD10A076	117,209	117,209	-	2x5	Model has oversized electrical box.
LNXD12A091	140,838	140,838	-	2x6	Model has oversized electrical box.
LNXD14A104	161,483	161,483	-	2x7	Model has oversized electrical box.

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.

Section 3

Air-Cooled Condensers



11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
Models with 830 RPM (1.5HP) Motors					
LNLS01A007	9,635	9,635	9,882	1x1	-
LNLS01A008	11,392	11,392	11,639	1x1	-
LNLS02A010	14,448	14,448	14,942	1x2	-
LNLS02A014	19,862	19,862	20,356	1x2	-
LNLS02A016	23,029	23,029	23,523	1x2	-
LNLS03A021	29,800	29,800	30,541	1x3	-
LNLS03A024	34,573	34,573	35,314	1x3	-
LNLS04A028	39,673	39,673	40,661	1x4	-
LNLS04A032	46,069	46,069	47,057	1x4	-
LNLS05A035	50,548	50,548	51,783	1x5	-
LNLS05A042	59,284	59,284	60,519	1x5	-
LNLS06A050	71,076	71,076	72,558	1x6	-
LNLS07A055	78,386	78,386	80,115	1x7	-
LNLD04A020	28,862	28,862	29,850	2x2	-
LNLD04A028	39,674	39,674	40,662	2x2	-
LNLD04A032	46,069	46,069	47,057	2x2	-
LNLD06A042	59,530	59,530	61,012	2x3	-
LNLD06A048	69,047	69,047	70,529	2x3	-
LNLD08A056	79,711	79,711	81,687	2x4	Model has oversized electrical box.
LNLD08A065	92,459	92,459	94,435	2x4	Model has oversized electrical box.
LNLD10A071	101,397	101,397	103,867	2x5	Model has oversized electrical box.
LNLD10A083	118,821	118,821	121,291	2x5	Model has oversized electrical box.
LNLD12A100	142,486	142,486	145,450	2x6	Model has oversized electrical box.
LNLD14A110	157,092	157,092	160,550	2x7	Model has oversized electrical box.
Models with 1140 RPM (1.5HP) Motors					
LNHS01A007	9,826	9,826	10,073	1x1	-
LNHS01A009	11,775	11,775	12,022	1x1	-
LNHS02A011	14,426	14,426	14,920	1x2	-
LNHS02A015	18,977	18,977	19,471	1x2	-
LNHS02A017	22,314	22,314	22,808	1x2	-
LNHS03A022	28,514	28,514	29,255	1x3	-
LNHS03A026	33,530	33,530	34,271	1x3	-
LNHS04A029	38,935	38,935	39,923	1x4	-
LNHS04A034	44,702	44,702	45,690	1x4	-
LNHS05A037	48,483	48,483	49,718	1x5	-
LNHS05A044	57,507	57,507	58,742	1x5	-

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.



Air-Cooled Condensers

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Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
LNHS06A053	69,008	69,008	70,490	1x6	-
LNHS07A061	80,271	80,271	82,000	1x7	-
LNHD04A021	27,943	27,943	28,931	2x2	-
LNHD04A029	38,027	38,027	39,015	2x2	-
LNHD04A034	44,702	44,702	45,690	2x2	-
LNHD06A044	57,018	57,018	58,500	2x3	-
LNHD06A051	67,046	67,046	68,528	2x3	-
LNHD08A058	76,441	76,441	78,417	2x4	Model has oversized electrical box.
LNHD08A068	89,817	89,817	91,793	2x4	Model has oversized electrical box.
LNHD10A074	97,309	97,309	99,779	2x5	Model has oversized electrical box.
LNHD10A088	115,398	115,398	117,868	2x5	Model has oversized electrical box.
LNHD12A106	138,415	138,415	141,379	2x6	Model has oversized electrical box.
LNHD14A122	160,939	160,939	164,397	2x7	Model has oversized electrical box.

Section 3

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.

Air-Cooled Condensers



11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
Models with Rail-Mount VSEC (1140 RPM) Motors					
LNKS01A007	16,039	16,039	-	1x1	-
LNKS01A009	18,028	18,028	-	1x1	-
LNKS02A011	26,739	26,739	-	1x2	-
LNKS02A015	31,387	31,387	-	1x2	-
LNKS02A017	34,793	34,793	-	1x2	-
LNKS03A022	47,130	47,130	-	1x3	-
LNKS03A026	52,250	52,250	-	1x3	-
LNKS04A029	63,777	63,777	-	1x4	-
LNKS04A034	69,662	69,662	-	1x4	-
LNKS05A037	79,525	79,525	-	1x5	-
LNKS05A044	88,740	88,740	-	1x5	-
LNKS06A053	106,488	106,488	-	1x6	-
LNKS07A061	123,994	123,994	-	1x7	-
LNKD04A021	52,551	52,551	-	2x2	-
LNKD04A029	62,846	62,846	-	2x2	-
LNKD04A034	69,662	69,662	-	2x2	-
LNKD06A044	94,247	94,247	-	2x3	-
LNKD06A051	104,485	104,485	-	2x3	-
LNKD08A058	126,079	126,079	-	2x4	Model has oversized electrical box.
LNKD08A068	139,738	139,738	-	2x4	Model has oversized electrical box.
LNKD10A074	159,395	159,395	-	2x5	Model has oversized electrical box.
LNKD10A088	177,865	177,865	-	2x5	Model has oversized electrical box.
LNKD12A106	213,376	213,376	-	2x6	Model has oversized electrical box.
LNKD14A122	248,388	248,388	-	2x7	Model has oversized electrical box.
Models with Rail-Mount VSEC (830 RPM) Motors					
LNJS01A007	15,981	15,981	-	1x1	-
LNJS01A008	17,913	17,913	-	1x1	-
LNJS02A010	26,745	26,745	-	1x2	-
LNJS02A014	31,651	31,651	-	1x2	-
LNJS02A016	35,007	35,007	-	1x2	-
LNJS03A021	47,515	47,515	-	1x3	-
LNJS03A024	52,562	52,562	-	1x3	-
LNJS04A028	63,998	63,998	-	1x4	-
LNJS04A032	70,072	70,072	-	1x4	-
LNJS05A035	80,146	80,146	-	1x5	-
LNJS05A042	89,274	89,274	-	1x5	-
LNJS06A050	107,110	107,110	-	1x6	-

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.



Air-Cooled Condensers

11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 199 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 203 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
LNJS07A055	123,429	123,429	-	1x7	-
LNJD04A020	52,826	52,826	-	2x2	-
LNJD04A028	63,342	63,342	-	2x2	-
LNJD04A032	70,072	70,072	-	2x2	-
LNJD06A042	95,001	95,001	-	2x3	-
LNJD06A048	105,086	105,086	-	2x3	-
LNJD08A056	127,060	127,060	-	2x4	Model has oversized electrical box.
LNJD08A065	140,531	140,531	-	2x4	Model has oversized electrical box.
LNJD10A071	160,622	160,622	-	2x5	Model has oversized electrical box.
LNJD10A083	178,893	178,893	-	2x5	Model has oversized electrical box.
LNJD12A100	214,598	214,598	-	2x6	Model has oversized electrical box.
LNJD14A110	247,234	247,234	-	2x7	Model has oversized electrical box.

Section 3

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.

Air-Cooled Condensers



11 – 264 Ton

Options Pricing - Rail-Mounted VSEC Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Motors are 208-230/3/60 or 460/3/60.
- Power outlet is supplied unwired.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)												
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7
Fan Cycling Options														
FC.019	Proportional Pressure Control	2,331	2,331	2,331	2,331	2,331	2,331	2,331	2,331	4,659	4,659	4,659	4,659	4,659
Electrical Options														
DISC.002	Fused Disconnect	255	508	744	1,021	1,276	1,528	1,786	1,021	1,528	2,043	2,553	3,057	3,570
MP.002	Individual Motor Fuses	255	510	765	1,020	1,275	1,530	1,785	1,020	1,530	2,040	2,550	3,060	3,570
MP.004	Paired Motor Fuses	-	-	-	-	-	-	-	510	765	1,020	1,275	1,530	1,785
MP.003	Individual Circuit Breakers (230V or 460V)	508	1,016	1,524	2,032	2,540	3,048	3,556	2,032	3,048	4,064	5,080	6,096	7,112
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	-	1,015	1,525	2,032	2,540	3,048	3,508
MTB.001	Individual Motor Terminal Boards	178	357	534	713	891	1,069	1,241	713	1,069	1,426	1,782	2,411	2,763
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	-	357	534	713	891	1,069	1,241
PO.001	Power Outlet (115V)	355	355	355	355	355	355	355	355	355	355	355	355	355
Mechanical Options														
CM.002	Aluminum Cabinet	283	566	849	1,132	1,415	1,698	1,981	1,132	1,698	2,264	2,830	3,396	3,962
CM.003	Pre-Painted Steel Cabinet	283	566	849	1,132	1,415	1,698	1,981	1,132	1,698	2,264	2,830	3,396	3,962
CM.004	Coil Access Panels, Galv	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952
CM.005	Coil Access Panels, Aluminum	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952
CM.006	Coil Access Panels, Painted Steel	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952
VEN.002	Hinged Venturi	603	1,206	1,809	2,412	3,015	3,618	4,221	2,412	3,618	4,824	6,030	7,236	8,442
LEGS.002	Extended Legs, 30"	127	127	255	191	382	447	510	127	255	191	382	447	510
LEGS.003	Extended Legs, 36"	127	127	255	191	382	447	510	127	255	191	382	447	510
LEGS.004	Extended Legs, 42"	127	127	255	191	382	447	510	127	255	191	382	447	510
LEGS.005	Unit Frame, Std. Legs, 20"	1,804	2,602	3,403	4,874	5,898	7,034	7,855	2,602	3,403	4,874	5,898	7,034	8,169
LEGS.006	Unit Frame, Ext. Legs, 42"	1,929	2,857	3,785	5,382	6,533	7,799	8,715	2,857	3,785	5,382	6,533	7,799	9,062
LEGS.007	Paratemp, 20"	-	64	-	320	-	-	-	64	-	320	-	-	-
LEGS.008	Paratemp, Extended Legs, 30"	-	191	-	512	-	-	-	191	-	512	-	-	-
LEGS.009	Paratemp, Extended Legs, 36"	-	191	-	512	-	-	-	191	-	512	-	-	-
LEGS.010	Paratemp, Extended Legs, 42"	-	191	-	512	-	-	-	191	-	512	-	-	-
HM.00X	Connection Manifold (shipped-loose)	-	-	-	-	-	-	-	1,310	1,702	1,737	1,915	1,985	2,197



Air-Cooled Condensers

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Options Pricing - Venturi-Mounted VSEC Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Motors are 208-230/3/60 or 460/3/60.
- Power outlet is supplied unwired.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.

Option Code	Option Description	List Price Adder by fan Configuration (US\$)													
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7	
Fan Cycling Options															
FC.019	Proportional Pressure Control	2,331	2,331	2,331	2,331	2,331	2,331	2,331	2,331	4,659	4,659	4,659	4,659	4,659	4,659
Electrical Options															
DISC.002	Fused Disconnect	255	508	744	1,021	1,276	1,528	1,786	1,021	1,528	2,043	2,553	3,057	3,570	
MP.002	Individual Motor Fuses	255	510	765	1,020	1,275	1,530	1,785	1,020	1,530	2,040	2,550	3,060	3,570	
MP.004	Paired Motor Fuses	-	-	-	-	-	-	-	510	765	1,020	1,275	1,530	1,785	
MP.003	Individual Circuit Breakers (230V or 460V)	508	1,016	1,524	2,032	2,540	3,048	3,556	2,032	3,048	4,064	5,080	6,096	7,112	
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	-	1,015	1,525	2,032	2,540	3,048	3,508	
MTB.001	Individual Motor Terminal Boards	178	357	534	713	891	1,069	1,241	708	1,064	1,426	1,782	2,411	2,763	
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	-	355	531	713	891	1,069	1,241	
PO.001	Power Outlet (115V)	355	355	355	355	355	355	355	355	355	355	355	355	355	355
Mechanical Options															
CM.004	Galvanized Cabinet w/ Side Access	-283	-566	-849	-1,132	-1,415	-1,698	-1,981	-1,132	-1,698	-2,264	-2,830	-3,396	-3,962	
LEGS.002	Extended Legs, 30"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.003	Extended Legs, 36"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.004	Extended Legs, 42"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.005	Unit Frame, Std. Legs, 20"	1,804	2,602	3,403	4,874	5,898	7,034	7,855	2,602	3,403	4,874	5,898	7,034	8,169	
LEGS.006	Unit Frame, Ext. Legs, 42"	1,929	2,857	3,785	5,382	6,533	7,799	8,715	2,857	3,785	5,382	6,533	7,799	9,062	
LEGS.007	Paratemp, 20"	-	64	-	320	-	-	-	64	-	320	-	-	-	
LEGS.008	Paratemp, Extended Legs, 30"	-	191	-	512	-	-	-	191	-	512	-	-	-	
LEGS.009	Paratemp, Extended Legs, 36"	-	191	-	512	-	-	-	191	-	512	-	-	-	
LEGS.010	Paratemp, Extended Legs, 42"	-	191	-	512	-	-	-	191	-	512	-	-	-	
HM.00X	Connection Manifold (shipped-loose)	-	-	-	-	-	-	-	1,310	1,702	1,737	1,915	1,985	2,197	

Section 3

Air-Cooled Condensers



11 – 264 Ton

Options Pricing - Fixed Speed Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fans are cycled in pairs on double wide units.
- Pressure fan cycling and variable speed control options are not available on multi-circuited units.
- Variable speed motors are not available for 575/3/60.
- Variable speed motor is on fan closest to header only.
- Variable speed motors have a full speed RPM of 1140 and are typically used on condensers that have either 1140RPM or 830RPM 1.5HP fixed speed motors. For condensers with 830RPM 1HP or 540RPM motors, contact factory for assistance.
- Motor circuit breakers are not available on 575V units.
- Motor terminal boards are not available on units with fan cycling.
- When ordering toggle switch option, please specify whether switches are to be internally or externally mounted.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.
- Power outlet is supplied unwired.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V main power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)													
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7	
Fan Cycling Options (Must Select Fan Cycling and Contactor Option)															
FCC.004	Individual Motor Contactors: 230V, 115V, or 24V	255	510	765	1,020	1,275	1,530	1,785	1,020	1,530	2,040	2,550	3,060	3,570	
FCC.001	Paired Motor Contactors: 230V, 115V, or 24V	-	-	-	-	-	-	-	510	765	1,020	1,275	1,530	1,785	
FC.003	Ambient Fan Cycling	-	979	1,320	1,758	2,197	2,637	3,075	979	1,320	1,758	2,197	2,637	3,075	
FC.004	Pressure Fan Cycling Mech. w/o Header	-	1,477	1,617	2,154	2,694	3,233	3,771	1,477	1,617	2,154	2,694	3,233	3,771	
FC.006	Pressure Fan Cycling Mech. w/ Header	1,733	1,870	2,411	2,949	3,488	4,027	4,564	1,870	2,411	2,949	3,488	4,027	4,564	
FC.005	Pressure Fan Cycling Elec. w/o Header	-	1,533	1,922	3,192	4,463	5,732	6,734	1,533	1,922	3,192	4,463	5,732	6,734	
FC.007	Pressure Fan Cycling Elec. w/ Header	1,790	2,177	3,448	4,716	5,989	6,978	8,199	2,177	3,448	4,716	5,989	6,978	8,199	
FC.008	Variable Speed with Ambient	2,481	2,814	3,163	3,602	4,042	4,481	4,920	2,814	3,163	3,602	4,042	4,481	4,920	
FC.010	Variable Speed with Pressure (Mech.)	2,912	3,127	3,459	3,996	4,537	5,077	5,614	3,127	3,459	3,996	4,537	5,077	5,614	
FC.011	Variable Speed with Pressure (Elec.)	3,084	3,417	3,764	5,035	6,305	7,282	8,506	3,417	3,764	5,035	6,305	7,282	8,506	
FC.014	Microprocessor Relay Board	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	3,049	
FC.015	Microprocessor Relay Board w/ Split	-	-	-	-	-	-	-	3,294	3,294	3,294	3,294	3,294	3,294	
Electrical Options															
CV.002	Control Circuit Transformer: 230V, 115V, or 24V	603	603	603	603	603	603	603	603	603	603	603	603	603	
MP.002	Individual Motor Fuses	255	510	765	1,020	1,275	1,530	1,785	1,020	1,530	2,040	2,550	3,060	3,570	
MP.004	Paired Motor Fuses	-	-	-	-	-	-	-	510	765	1,020	1,275	1,530	1,785	
MP.003	Individual Circuit Breakers (230V or 460V)	508	1,016	1,524	2,032	2,540	3,048	3,556	2,032	3,048	4,064	5,080	6,096	7,112	
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	-	1,015	1,525	2,032	2,540	3,048	3,508	
MTB.001	Individual Motor Terminal Boards	178	357	534	713	891	1,069	1,241	713	1,069	1,426	1,782	2,411	2,763	
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	-	357	534	713	891	1,069	1,241	
FCS.002	Fan Toggle Switches	106	214	317	424	531	639	744	424	639	852	1,064	1,271	1,488	
FCS.004	Paired Fan Toggle Switches	-	-	-	-	-	-	-	214	317	424	531	639	744	
DISC.002	Fused Disconnect	255	508	744	1,021	1,276	1,528	1,786	1,021	1,528	2,043	2,553	3,057	3,570	
COND.001	Sealtite Wiring to Motor Rail	221	275	417	560	693	834	974	560	834	1,112	1,394	1,672	1,939	
COND.002	Sealtite Wiring to Electrical Box	736	1,475	2,212	2,949	3,685	4,426	5,162	2,949	4,425	5,898	7,090	8,507	9,926	
PO.001	Power Outlet (115V)	355	355	355	355	355	355	355	355	355	355	355	355	355	
Mechanical Options															
CM.002	Aluminum Cabinet	283	566	849	1,132	1,415	1,698	1,981	1,132	1,698	2,264	2,830	3,396	3,962	
CM.003	Pre-Painted Steel Cabinet	283	566	849	1,132	1,415	1,698	1,981	1,132	1,698	2,264	2,830	3,396	3,962	
CM.004	Coil Access Panels, Galv	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952	

Section 3



Air-Cooled Condensers

11 – 264 Ton

Options Pricing - Fixed Speed Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fans are cycled in pairs on double wide units.
- Pressure fan cycling and variable speed control options are not available on multi-circuited units.
- Variable speed motors are not available for 575/3/60.
- Variable speed motor is on fan closest to header only.
- Variable speed motors have a full speed RPM of 1140 and are typically used on condensers that have either 1140RPM or 830RPM 1.5HP fixed speed motors. For condensers with 830RPM 1HP or 540RPM motors, contact factory for assistance.

- Motor circuit breakers are not available on 575V units.
- Motor terminal boards are not available on units with fan cycling.
- When ordering toggle switch option, please specify whether switches are to be internally or externally mounted.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.
- Power outlet is supplied unwired.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V man power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)													
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7	
CM.005	Coil Access Panels, Aluminum	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952	
CM.006	Coil Access Panels, Painted Steel	568	1,136	1,704	2,272	2,840	3,408	3,976	2,272	3,408	4,544	5,680	6,816	7,952	
VEN.002	Hinged Venturi	603	1,206	1,809	2,412	3,015	3,618	4,221	2,412	3,618	4,824	6,030	7,236	8,442	
LEGS.002	Extended Legs, 30"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.003	Extended Legs, 36"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.004	Extended Legs, 42"	127	127	255	191	382	447	510	127	255	191	382	447	510	
LEGS.005	Unit Frame, Std. Legs, 20"	1,804	2,602	3,403	4,874	5,898	7,034	7,855	2,602	3,403	4,874	5,898	7,034	8,169	
LEGS.006	Unit Frame, Ext. Legs, 42"	1,929	2,857	3,785	5,382	6,533	7,799	9,062	2,857	3,785	5,382	6,533	7,799	9,062	
LEGS.007	Paratemp, 20"	-	64	-	320	-	-	-	64	-	320	-	-	-	
LEGS.008	Paratemp, Extended Legs, 30"	-	191	-	512	-	-	-	191	-	512	-	-	-	
LEGS.009	Paratemp, Extended Legs, 36"	-	191	-	512	-	-	-	191	-	512	-	-	-	
LEGS.010	Paratemp, Extended Legs, 42"	-	191	-	512	-	-	-	191	-	512	-	-	-	
HM.00X	Connection Manifold (shipped-loose)	-	-	-	-	-	-	-	1,310	1,702	1,737	1,915	1,985	2,197	

Section 3

Air-Cooled Condensers



11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adder (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
Models with Venturi-Mount VSEC Motors								
LNES01A008	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNES01A009	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNES02A011	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNES02A015	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNES02A018	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNES03A023	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNES03A027	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNES04A031	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNES04A036	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNES05A039	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNES05A047	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory
LNES06A056	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNES07A065	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNED04A023	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNED04A031	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNED04A036	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNED06A046	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNED06A054	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNED08A062	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNED08A073	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNED10A079	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNED10A093	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNED12A112	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNED14A129	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory
Models with 540 RPM (0.5HP) Motors								
LNQS01A005	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNQS01A006	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNQS02A008	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNQS02A010	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNQS02A011	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNQS03A016	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNQS03A017	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNQS04A021	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNQS04A023	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNQS05A026	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNQS05A029	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory
LNQS06A034	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory

Section 3



Air-Cooled Condensers

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adder (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
LNQS07A042	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNQD04A016	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNQD04A021	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNQD04A023	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNQD06A031	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNQD06A034	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNQD08A041	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNQD08A046	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNQD10A052	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNQD10A057	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNQD12A069	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNQD14A083	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory
Models with 830 RPM (1.0HP) Motors								
LNXS01A006	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNXS01A008	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNXS02A010	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNXS02A013	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNXS02A015	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNXS03A020	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNXS03A023	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNXS04A026	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNXS04A030	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNXS05A033	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNXS05A038	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory
LNXS06A045	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNXS07A052	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNXD04A020	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNXD04A026	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNXD04A030	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNXD06A039	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNXD06A045	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNXD08A052	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNXD08A061	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNXD10A066	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNXD10A076	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNXD12A091	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNXD14A104	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory

Section 3

Air-Cooled Condensers



11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adder (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
Models with 830 RPM (1.5HP) Motors								
LNLS01A007	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNLS01A008	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNLS02A010	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNLS02A014	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNLS02A016	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNLS03A021	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNLS03A024	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNLS04A028	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNLS04A032	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNLS05A035	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNLS05A042	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory
LNLS06A050	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNLS07A055	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNLD04A020	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNLD04A028	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNLD04A032	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNLD06A042	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNLD06A048	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNLD08A056	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNLD08A065	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNLD10A071	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNLD10A083	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNLD12A100	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNLD14A110	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory
Models with 1140 RPM (1.5HP) Motors								
LNHS01A007	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNHS01A009	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNHS02A011	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNHS02A015	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNHS02A017	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNHS03A022	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNHS03A026	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNHS04A029	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNHS04A034	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNHS05A037	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNHS05A044	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory



Air-Cooled Condensers

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adder (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
LNHS06A053	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNHS07A061	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNHD04A021	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNHD04A029	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNHD04A034	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNHD06A044	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNHD06A051	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNHD08A058	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNHD08A068	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNHD10A074	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNHD10A088	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNHD12A106	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNHD14A122	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory

Section 3

Air-Cooled Condensers



11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
Models with Rail-Mount VSEC (1140 RPM) Motors								
LNKS01A007	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNKS01A009	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNKS02A011	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNKS02A015	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNKS02A017	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNKS03A022	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNKS03A026	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNKS04A029	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNKS04A034	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNKS05A037	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNKS05A044	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory
LNKS06A053	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNKS07A061	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNKD04A021	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNKD04A029	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNKD04A034	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNKD06A044	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNKD06A051	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNKD08A058	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNKD08A068	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNKD10A074	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNKD10A088	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNKD12A106	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNKD14A122	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory
Models with Rail-Mount VSEC (830 RPM) Motors								
LNJS01A007	-425	Standard	425	853	990	Call Factory	Call Factory	Call Factory
LNJS01A008	-425	Standard	425	853	1,309	Call Factory	Call Factory	Call Factory
LNJS02A010	-850	Standard	850	1,706	1,332	Call Factory	Call Factory	Call Factory
LNJS02A014	-853	Standard	853	1,705	1,596	Call Factory	Call Factory	Call Factory
LNJS02A016	-853	Standard	853	1,705	2,593	Call Factory	Call Factory	Call Factory
LNJS03A021	-1,278	Standard	1,278	2,557	2,944	Call Factory	Call Factory	Call Factory
LNJS03A024	-1,278	Standard	1,278	2,557	4,202	Call Factory	Call Factory	Call Factory
LNJS04A028	-1,705	Standard	1,705	3,407	4,440	Call Factory	Call Factory	Call Factory
LNJS04A032	-1,705	Standard	1,705	3,407	5,921	Call Factory	Call Factory	Call Factory
LNJS05A035	-2,130	Standard	2,130	4,260	5,542	Call Factory	Call Factory	Call Factory
LNJS05A042	-2,130	Standard	2,130	4,260	7,388	Call Factory	Call Factory	Call Factory



Air-Cooled Condensers

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	ProKote™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
LNJS06A050	-2,557	Standard	2,557	5,113	8,870	Call Factory	Call Factory	Call Factory
LNJS07A055	-2,982	Standard	2,982	5,965	10,351	Call Factory	Call Factory	Call Factory
LNJD04A020	-1,700	Standard	1,700	3,412	2,659	Call Factory	Call Factory	Call Factory
LNJD04A028	-1,705	Standard	1,705	3,407	3,925	Call Factory	Call Factory	Call Factory
LNJD04A032	-1,705	Standard	1,705	3,407	5,186	Call Factory	Call Factory	Call Factory
LNJD06A042	-2,557	Standard	2,557	5,113	5,886	Call Factory	Call Factory	Call Factory
LNJD06A048	-2,557	Standard	2,557	5,113	8,403	Call Factory	Call Factory	Call Factory
LNJD08A056	-3,407	Standard	3,407	6,817	8,882	Call Factory	Call Factory	Call Factory
LNJD08A065	-3,407	Standard	3,407	6,817	11,841	Call Factory	Call Factory	Call Factory
LNJD10A071	-4,260	Standard	4,260	8,521	11,084	Call Factory	Call Factory	Call Factory
LNJD10A083	-4,260	Standard	4,260	8,521	14,781	Call Factory	Call Factory	Call Factory
LNJD12A100	-5,113	Standard	5,113	10,225	17,741	Call Factory	Call Factory	Call Factory
LNJD14A110	-5,965	Standard	5,965	11,929	20,700	Call Factory	Call Factory	Call Factory

Section 3

Air-Cooled Condensers



Microchannel Condenser

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Nomenclature

NR	G	D	04	A	027
Product Line	Model Identifier	Width	# of Fans	Model Identifier	Standard Capacity
NR = Air Cooled Condenser w/ Microchannel Coil Technology	G = 710mm VSEC J = 710mm AC	D = Dual	02 = 2 04 = 4 06 = 6 08 = 8	A = Current Revision	(MBH/Degree TD, R404A)



Air-Cooled Condensers

Microchannel Condenser

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Microchannel Condenser

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FN Fluid Coolers

Overview



Product Description

Direct drive fluid coolers with vertical air flow are designed to save time on installation, provide excellent performance, long service life and a wide range of performance selections. These units are ideal for commercial/industrial locations.

Certifications



Standard Features

- 10 fins per inch spacing standard. 8, 12, and 14 fins per inch spacing available as an option.
- 1/2" models feature a Floating Tube coil design and 5/8" models feature a bushing plate floating tube coil design. These coil designs virtually eliminate tube sheet leaks. Coil includes a 5 year leak warranty at tube sheets and center supports.
- Internal baffles provided between all fan cells
- Fluid Coolers from 1 to 5 fans in length are available with 1/2" diameter tubes to maximize heat transfer. Fluid Coolers from 3 to 6 fans in length are available with 5/8" diameter tubes to minimize fluid pressure drop.
- Wide selection of circuit options maximize performance at minimal cost
- Coated steel fan guards for optimal corrosion protection
- Weather resistant control panel with factory-mounted door interrupt disconnect switch
- Coils are fabricated with corrugated aluminum fins with staggered copper tubes for optimum heat transfer. All units are pressure tested prior to shipment
- 2 year product warranty

Models with Variable Speed EC Motors (VSEC) - FNE Models

- EC motor, swept fan blade and venture incorporating integrated variable speed technology
- Aluminum housing for an attractive appearance and corrosion protection, with painted galvanized steel, or galvanized steel as an option
- Side access panels for ease of cleaning coils
- 3-year warranty on EC Motors

Models with 830 or 540 RPM Fixed Speed Motors - FNL or FNQ Models

- Direct drive fan motors in 830 or 540 RPM
- Fan blade provides an unprecedented sound level of 49.6 dBA (540 RPM @ 10 ft.)
- ServiceEase motor mount feature, allows for ease of motor service and reduces likelihood of damage to the coils during servicing
- Coils incorporate the latest advancements in coil technology to provide maximum capacity
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Models with 1140 RPM Fixed Speed Motors - FNH Models

- Direct drive fan motors
- Patented ServiceEase motor mount
- New, high efficiency coil designed for optimum performance
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Nomenclature

F	N	H	S	01	H	3	01
Product Line	Vintage	Model	Width	Fans	Tube Diameter	Rows	Coil Model #
F = Fluid Coolers		H = 1140 RPM, 1.5 HP L = 830 RPM, 1.5 HP Q = 540 RPM, 0.5 HP E = VSEC Motor	S = Single D = Double	# of Fans (01 - 12)	H = 1/2" F = 5/8"	# of Rows (2 - 4)	

FN Fluid Coolers

FNH Models 1.5 HP 1140 RPM Motors

Need to customize?

- Look on page starting 218 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 220 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.
	208-230/3/60	460/3/60	575/3/60	
1/2" Diameter - Single Row Models				
FNHS01H301	8,578	8,578	8,825	1x1
FNHS01H402	10,965	10,965	11,212	1x1
FNHS02H203	13,685	13,685	14,179	1x2
FNHS02H304	16,562	16,562	17,056	1x2
FNHS02H405	20,767	20,767	21,261	1x2
FNHS03H306	25,832	25,832	26,573	1x3
FNHS03H407	29,307	29,307	30,048	1x3
FNHS04H308	33,448	33,448	34,436	1x4
FNHS04H409	38,296	38,296	39,284	1x4
FNHS05H310	43,955	43,955	45,190	1x5
FNHS05H411	50,756	50,756	51,991	1x5
1/2" Diameter - Double Row Models				
FNHD04H212	27,513	27,513	28,501	2x2
FNHD04H313	33,604	33,604	34,592	2x2
FNHD04H414	39,084	39,084	40,072	2x2
FNHD06H315	50,785	50,785	52,267	2x3
FNHD06H416	60,590	60,590	62,072	2x3
FNHD08H317	69,514	69,514	71,490	2x4
FNHD08H418	81,655	81,655	83,631	2x4
FNHD10H319	87,033	87,033	89,503	2x5
FNHD10H420	100,964	100,964	103,434	2x5
5/8" Diameter - Single Row Models				
FNHS03F301	30,176	30,176	30,917	1x3
FNHS03F402	35,100	35,100	35,841	1x3
FNHS04F303	39,752	39,752	40,740	1x4
FNHS04F404	46,628	46,628	47,616	1x4
FNHS05F305	51,749	51,749	52,984	1x5
FNHS05F406	61,024	61,024	62,259	1x5
FNHS06F307	64,465	64,465	65,947	1x6
FNHS06F408	71,738	71,738	73,220	1x6
5/8" Diameter - Double Row Models				
FNHD06F311	59,906	59,906	61,388	2x3
FNHD06F412	72,549	72,549	74,031	2x3
FNHD08F313	82,181	82,181	84,157	2x4
FNHD08F414	98,320	98,320	100,296	2x4
FNHD10F315	102,619	102,619	105,089	2x5
FNHD10F416	121,499	121,499	123,969	2x5
FNHD12F317	132,605	132,605	135,569	2x6
FNHD12F418	147,150	147,150	150,114	2x6

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.



Fluid Coolers

FN Fluid Coolers

FNL Models 1.5 HP 830 RPM Motors

Need to customize?

- Look on page starting 218 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 220 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.
	208-230/3/60	460/3/60	575/3/60	
1/2" Diameter - Single Row Models				
FNLS01H321	8,879	8,879	9,126	1x1
FNLS01H422	11,348	11,348	11,595	1x1
FNLS02H223	14,165	14,165	14,659	1x2
FNLS02H324	17,141	17,141	17,635	1x2
FNLS02H425	21,493	21,493	21,987	1x2
FNLS03H326	26,736	26,736	27,477	1x3
FNLS03H427	30,333	30,333	31,074	1x3
FNLS04H328	34,619	34,619	35,607	1x4
FNLS04H429	39,636	39,636	40,624	1x4
FNLS05H330	45,493	45,493	46,728	1x5
FNLS05H431	52,533	52,533	53,768	1x5
1/2" Diameter - Double Row Models				
FNLD04H232	28,475	28,475	29,463	2x2
FNLD04H333	34,780	34,780	35,768	2x2
FNLD04H434	40,452	40,452	41,440	2x2
FNLD06H335	52,564	52,564	54,046	2x3
FNLD06H436	62,712	62,712	64,194	2x3
FNLD08H337	71,947	71,947	73,923	2x4
FNLD08H438	84,512	84,512	86,488	2x4
FNLD10H339	90,078	90,078	92,548	2x5
FNLD10H440	104,498	104,498	106,968	2x5
5/8" Diameter - Single Row Models				
FNLS03F321	31,232	31,232	31,973	1x3
FNLS03F422	36,329	36,329	37,070	1x3
FNLS04F323	41,143	41,143	42,131	1x4
FNLS04F424	48,261	48,261	49,249	1x4
FNLS05F325	53,560	53,560	54,795	1x5
FNLS05F426	63,160	63,160	64,395	1x5
FNLS06F327	66,721	66,721	68,203	1x6
FNLS06F428	74,249	74,249	75,731	1x6
5/8" Diameter - Double Row Models				
FNLD06F331	62,003	62,003	63,485	2x3
FNLD06F432	75,088	75,088	76,570	2x3
FNLD08F333	85,057	85,057	87,033	2x4
FNLD08F434	101,762	101,762	103,738	2x4
FNLD10F335	106,211	106,211	108,681	2x5
FNLD10F436	125,751	125,751	128,221	2x5
FNLD12F337	137,246	137,246	140,210	2x6
FNLD12F438	152,300	152,300	155,264	2x6

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.

FN Fluid Coolers

FNQ Models 0.5 HP 540 RPM Motors

Need to customize?

- Look on page starting 218 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 220 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.
	208-230/3/60	460/3/60	575/3/60	
1/2" Diameter - Single Row Models				
FNQS01H341	8,578	8,578	-	1x1
FNQS01H442	10,965	10,965	-	1x1
FNQS02H243	13,685	13,685	-	1x2
FNQS02H344	16,562	16,562	-	1x2
FNQS02H445	20,767	20,767	-	1x2
FNQS03H346	25,832	25,832	-	1x3
FNQS03H447	29,307	29,307	-	1x3
FNQS04H348	33,448	33,448	-	1x4
FNQS04H449	38,296	38,296	-	1x4
FNQS05H350	43,955	43,955	-	1x5
FNQS05H451	50,756	50,756	-	1x5
1/2" Diameter - Double Row Models				
FNQD04H252	27,513	27,513	-	2x2
FNQD04H353	33,604	33,604	-	2x2
FNQD04H454	39,084	39,084	-	2x2
FNQD06H355	50,785	50,785	-	2x3
FNQD06H456	60,590	60,590	-	2x3
FNQD08H357	69,514	69,514	-	2x4
FNQD08H458	81,655	81,655	-	2x4
FNQD10H359	87,033	87,033	-	2x5
FNQD10H460	100,964	100,964	-	2x5
5/8" Diameter - Single Row Models				
FNQS03F341	30,176	30,176	-	1x3
FNQS03F442	35,100	35,100	-	1x3
FNQS04F343	39,752	39,752	-	1x4
FNQS04F444	46,628	46,628	-	1x4
FNQS05F345	51,749	51,749	-	1x5
FNQS05F446	61,024	61,024	-	1x5
FNQS06F347	64,465	64,465	-	1x6
FNQS06F448	71,738	71,738	-	1x6
5/8" Diameter - Double Row Models				
FNQD06F351	59,906	59,906	-	2x3
FNQD06F452	72,549	72,549	-	2x3
FNQD08F353	82,181	82,181	-	2x4
FNQD08F454	98,320	98,320	-	2x4
FNQD10F355	102,619	102,619	-	2x5
FNQD10F456	121,499	121,499	-	2x5
FNQD12F357	132,605	132,605	-	2x6
FNQD12F458	147,150	147,150	-	2x6

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.



Fluid Coolers

FN Fluid Coolers

FNE Models VSEC Motors

Need to customize?

- Look on page starting 217 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 220 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Larkin Config Model	List Price by Motor Voltage (\$US)			Fan Config.
	208-230/3/60	460/3/60	575/3/60	
1/2" Diameter - Single Row Models				
FNES01H361	16,556	16,556	-	1x1
FNES01H462	21,162	21,162	-	1x1
FNES02H263	26,413	26,413	-	1x2
FNES02H364	31,964	31,964	-	1x2
FNES02H465	40,078	40,078	-	1x2
FNES03H366	49,856	49,856	-	1x3
FNES03H467	56,563	56,563	-	1x3
FNES04H368	64,554	64,554	-	1x4
FNES04H469	73,912	73,912	-	1x4
FNES05H370	84,835	84,835	-	1x5
FNES05H471	97,962	97,962	-	1x5
1/2" Diameter - Double Row Models				
FNED04H272	53,101	53,101	-	2x2
FNED04H373	64,856	64,856	-	2x2
FNED04H474	75,432	75,432	-	2x2
FNED06H375	98,018	98,018	-	2x3
FNED06H476	116,939	116,939	-	2x3
FNED08H377	134,161	134,161	-	2x4
FNED08H478	157,593	157,593	-	2x4
FNED10H379	167,973	167,973	-	2x5
FNED10H480	194,860	194,860	-	2x5
5/8" Diameter - Single Row Models				
FNES03F361	58,242	58,242	-	1x3
FNES03F462	67,743	67,743	-	1x3
FNES04F363	76,722	76,722	-	1x4
FNES04F464	89,992	89,992	-	1x4
FNES05F365	99,875	99,875	-	1x5
FNES05F466	117,776	117,776	-	1x5
FNES06F367	124,417	124,417	-	1x6
FNES06F468	138,454	138,454	-	1x6
5/8" Diameter - Double Row Models				
FNED06F371	115,619	115,619	-	2x3
FNED06F472	140,021	140,021	-	2x3
FNED08F373	158,609	158,609	-	2x4
FNED08F474	189,758	189,758	-	2x4
FNED10F375	198,056	198,056	-	2x5
FNED10F476	234,493	234,493	-	2x5
FNED12F377	255,928	255,928	-	2x6
FNED12F478	284,000	284,000	-	2x6

Notes:

For sizing and selection assistance, use Heatcraft software tool, THE HUB or contact your local Sales Representative or Account Engineer.

FN Fluid Coolers

Options Pricing - VSEC Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Motors are 208-230/3/60 or 460/3/60.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)										
		1x1	1x2	1x3	1x4	1x5	1x6	2x2	2x3	2x4	2x5	2x6
Fan Cycling Options												
FC.019	Proportional Lvg Fluid Temp Control	2,331	2,331	2,331	2,331	2,331	2,331	4,659	4,659	4,659	4,659	4,659
Electrical Options												
DISC.002	Fused Disconnect	508	744	1,021	1,276	1,528	1,021	1,528	2,043	2,553	3,057	3,057
MP.002	Individual Motor Fuses	510	765	1,020	1,275	1,530	1,020	1,530	2,040	2,550	3,060	3,060
MP.004	Paired Motor Fuses	-	-	-	-	-	-	765	1,020	1,275	1,530	1,530
MP.003	Individual Circuit Breakers (230V or 460V)	1,016	1,524	2,032	2,540	3,048	2,032	3,048	4,064	5,080	6,096	6,096
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	1,525	2,032	2,540	3,048	3,048
MTB.001	Individual Motor Terminal Boards	357	534	713	891	1,069	713	1,069	1,426	1,782	2,139	2,411
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	534	713	891	1,069	1,069
Mechanical Options												
CM.003	Painted Cabinet w/ Side Access	-	-	-	-	-	-	-	-	-	-	-
CM.004	Galvanized Cabinet w/ Side Access	-566	-849	-1,132	-1,415	-1,698	-1,132	-1,698	-2,264	-2,830	-3,396	-3,396
LEGS.002	Extended Legs, 30"	127	255	191	382	447	127	255	191	382	447	447
LEGS.003	Extended Legs, 36"	127	255	191	382	447	127	255	191	382	447	447
LEGS.004	Extended Legs, 42"	127	255	191	382	447	127	255	191	382	447	447
LEGS.005	Unit Frame, Std. Legs, 20"	2,602	3,403	4,874	5,898	7,034	2,602	3,403	4,874	5,898	7,034	7,034
LEGS.006	Unit Frame, Ext. Legs, 42"	2,857	3,785	5,382	6,533	7,799	2,857	3,785	5,382	6,533	7,799	7,799



Fluid Coolers

FN Fluid Coolers

Options Pricing - FNH/FNL/FNQ Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fans are cycled in pairs on double wide units.
- Motor circuit breakers are not available on 575V units.
- Motor terminal boards are not available on units with fan cycling.
- When ordering toggle switch option, please specify whether switches are to be internally or externally mounted.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V main power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)										
		1x1	1x2	1x3	1x4	1x5	1x6	2x2	2x3	2x4	2x5	2x6
Fan Cycling Options (Must Select Fan Cycling and Contactor Option)												
FCC.004	Individual Motor Contactors: 230V, 115V, or 24V	255	510	765	1,020	1,275	1,530	1,020	1,530	2,040	2,550	3,060
FCC.001	Paired Motor Contactors: 230V, 115V, or 24V	-	-	-	-	-	-	510	765	1,020	1,275	1,530
FC.003	Lvg. Fluid Temperature Fan Cycling (Elec.)	1,790	2,177	3,448	4,716	5,989	6,978	2,177	3,448	4,716	5,989	5,989
Electrical Options												
CV.002	Control Circuit Transformer: 230V, 115V, or 24V	603	603	603	603	603	603	603	603	603	603	603
MP.002	Individual Motor Fuses	255	510	765	1,020	1,275	1,530	1,020	1,530	2,040	2,550	3,060
MP.004	Paired Motor Fuses	-	-	-	-	-	-	510	765	1,020	1,275	1,530
MP.003	Individual Circuit Breakers (230V or 460V)	508	1,016	1,524	2,032	2,540	3,048	2,032	3,048	4,064	5,080	6,096
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	1,015	1,525	2,032	2,540	3,048
MTB.001	Individual Motor Terminal Boards	178	357	534	713	891	1,069	713	1,069	1,426	1,782	2,411
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	357	534	713	891	1,069
FCS.002	Fan Toggle Switches	106	214	317	424	531	639	424	639	852	1,064	1,271
FCS.004	Paired Fan Toggle Switches	-	-	-	-	-	-	214	317	424	531	639
DISC.002	Fused Disconnect	255	508	744	1,021	1,276	1,528	1,021	1,528	2,043	2,553	3,057
COND.002	Sealtite Wiring to Electrical Box	736	1,475	2,212	2,949	3,685	4,426	2,949	4,425	5,898	7,090	8,507
Mechanical Options												
CM.002	Aluminum Cabinet	283	566	849	1,132	1,415	1,698	1,132	1,698	2,264	2,830	3,396
CM.003	Pre-Painted Steel Cabinet	283	566	849	1,132	1,415	1,698	1,132	1,698	2,264	2,830	3,396
CM.004	Coil Access Panels, Galv	568	1,136	1,704	2,272	2,840	3,408	2,272	3,408	4,544	5,680	6,816
CM.005	Coil Access Panels, Aluminum	568	1,136	1,704	2,272	2,840	3,408	2,272	3,408	4,544	5,680	6,816
CM.006	Coil Access Panels, Painted Steel	568	1,136	1,704	2,272	2,840	3,408	2,272	3,408	4,544	5,680	6,816
VEN.002	Hinged Venturi	603	1,206	1,809	2,412	3,015	3,618	2,412	3,618	4,824	6,030	7,236
LEGS.002	Extended Legs, 30"	127	127	255	191	382	447	127	255	191	382	447
LEGS.003	Extended Legs, 36"	127	127	255	191	382	447	127	255	191	382	447
LEGS.004	Extended Legs, 42"	127	127	255	191	382	447	127	255	191	382	447
LEGS.005	Unit Frame, Std. Legs, 20"	1,804	2,602	3,403	4,874	5,898	7,034	2,602	3,403	4,874	5,898	7,034
LEGS.006	Unit Frame, Ext. Legs, 42"	1,929	2,857	3,785	5,382	6,533	7,799	2,857	3,785	5,382	6,533	7,799

Section 3

FN Fluid Coolers

Connections Options - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Connection Options - All Models

Option Code	Row of Fans	Number of Feeds	Connection Size	List Price Adder (\$US)
Threaded Connection				
THD.020	1	9 - 18	2" MPT	456
THD.025	1	21-28	2-1/2" MPT	713
THD.030	1	42	3" MPT	1,215
THD.220	2	18 - 36	2" MPT	914
THD.225	2	42 - 56	2-1/2" MPT	1,426
THD.230	2	84	3" MPT	2,428
Flanged Connection				
FLG.020	1	9-18	2"	1,052
FLG.025	1	21 - 28	2-1/2"	1,215
FLG.030	1	42	3"	1,537
FLG.220	2	18 - 36	2"	2,128
FLG.225	2	42 - 56	2-1/2"	2,428
FLG.230	2	84	3"	3,074



Fluid Coolers

FN Fluid Coolers

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)						
	Fins Per Inch (FPI) Options				Coil Protection Options		
	8 FPI	10 FPI	12 FPI	14 FPI	Pro-Kote Fin Protection	Bronz-Glow Coating	Copper Fin Coil
Models with 1140 RPM (1.5HP) Motors - Single Row (1/2" Diameter)							
FNHS01H301	-425	Standard	425	852	990	4,609	4,686
FNHS01H402	-425	Standard	425	852	1,309	4,643	6,694
FNHS02H203	-850	Standard	850	1,706	1,332	6,648	6,694
FNHS02H304	-852	Standard	852	1,703	1,596	7,540	11,259
FNHS02H405	-852	Standard	852	1,703	2,593	7,856	15,216
FNHS03H306	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNHS03H407	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNHS04H308	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNHS04H409	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNHS05H310	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNHS05H411	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
Models with 1140 RPM (1.5HP) Motors - Double Row (1/2" Diameter)							
FNHD04H212	-1,700	Standard	1,700	3,412	2,659	13,295	13,998
FNHD04H313	-1,703	Standard	1,703	3,404	3,925	15,080	24,344
FNHD04H414	-1,703	Standard	1,703	3,404	5,186	15,710	33,475
FNHD06H315	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNHD06H416	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNHD08H317	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNHD08H418	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNHD10H319	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNHD10H420	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
Models with 1140 RPM (1.5HP) Motors - Single Row (5/8" Diameter)							
FNHS03F301	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNHS03F402	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNHS04F303	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNHS04F404	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNHS05F305	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNHS05F406	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
FNHS06F307	-2,553	Standard	2,553	5,107	7,761	18,921	48,234
FNHS06F408	-2,553	Standard	2,553	5,107	8,870	19,356	51,125
Models with 1140 RPM (1.5HP) Motors - Double Row (5/8" Diameter)							
FNHD06F311	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNHD06F412	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNHD08F313	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNHD08F414	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNHD10F315	-4,256	Standard	4,256	8,512	11,084	33,245	67,984

Section 3

FN Fluid Coolers

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)						
	Fins Per Inch (FPI) Options				Coil Protection Options		
	8 FPI	10 FPI	12 FPI	14 FPI	Pro-Kote Fin Protection	Bronz-Glow Coating	Copper Fin Coil
FNHD10F416	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
FNHD12F317	-5,107	Standard	5,107	10,214	15,521	37,842	96,468
FNHD12F418	-5,107	Standard	5,107	10,214	17,741	38,776	107,119
Models with 830 RPM (1.5HP) Motors - Single Row (1/2" Diameter)							
FNLS01H321	-425	Standard	425	852	990	4,609	4,686
FNLS01H422	-425	Standard	425	852	1,309	4,643	6,694
FNLS02H223	-850	Standard	850	1,706	1,332	6,648	6,694
FNLS02H324	-852	Standard	852	1,703	1,596	7,540	11,259
FNLS02H425	-852	Standard	852	1,703	2,593	7,856	15,216
FNLS03H326	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNLS03H427	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNLS04H328	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNLS04H429	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNLS05H330	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNLS05H431	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
Models with 830 RPM (1.5HP) Motors - Double Row (1/2" Diameter)							
FNLD04H232	-1,700	Standard	1,700	3,412	2,659	13,295	13,998
FNLD04H333	-1,703	Standard	1,703	3,404	3,925	15,080	24,344
FNLD04H434	-1,703	Standard	1,703	3,404	5,186	15,710	33,475
FNLD06H335	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNLD06H436	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNLD08H337	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNLD08H438	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNLD10H339	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNLD10H440	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
Models with 830 RPM (1.5HP) Motors - Single Row (5/8" Diameter)							
FNLS03F321	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNLS03F422	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNLS04F323	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNLS04F424	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNLS05F325	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNLS05F426	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
FNLS06F327	-2,553	Standard	2,553	5,107	7,761	18,921	48,234
FNLS06F428	-2,553	Standard	2,553	5,107	8,870	19,356	51,125



Fluid Coolers

FN Fluid Coolers

Coil Options Pricing - All Models

Can't Find An Option?

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Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)						
	Fins Per Inch (FPI) Options				Coil Protection Options		
	8 FPI	10 FPI	12 FPI	14 FPI	Pro-Kote Fin Protection	Bronz-Glow Coating	Copper Fin Coil
Models with 830 RPM (1.5HP) Motors - Double Row (5/8" Diameter)							
FNLD06F331	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNLD06F432	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNLD08F333	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNLD08F434	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNLD10F335	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNLD10F436	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
FNLD12F337	-5,107	Standard	5,107	10,214	15,521	37,842	96,468
FNLD12F438	-5,107	Standard	5,107	10,214	17,741	38,776	107,119
Models with 540 RPM (0.5HP) Motors - Single Row (1/2" Diameter)							
FNQS01H341	-425	Standard	425	852	990	4,609	4,686
FNQS01H442	-425	Standard	425	852	1,309	4,643	6,694
FNQS02H243	-850	Standard	850	1,706	1,332	6,648	6,694
FNQS02H344	-852	Standard	852	1,703	1,596	7,540	11,259
FNQS02H445	-852	Standard	852	1,703	2,593	7,856	15,216
FNQS03H346	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNQS03H447	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNQS04H348	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNQS04H449	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNQS05H350	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNQS05H451	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
Models with 540 RPM (0.5HP) Motors - Double Row (1/2" Diameter)							
FNQD04H252	-1,700	Standard	1,700	3,412	2,659	13,295	13,998
FNQD04H353	-1,703	Standard	1,703	3,404	3,925	15,080	24,344
FNQD04H454	-1,703	Standard	1,703	3,404	5,186	15,710	33,475
FNQD06H355	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNQD06H456	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNQD08H357	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNQD08H458	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNQD10H359	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNQD10H460	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
Models with 540 RPM (0.5HP) Motors - Single Row (5/8" Diameter)							
FNQS03F341	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNQS03F442	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNQS04F343	-1,703	Standard	1,703	3,404	4,440	13,973	26,781

Section 3

FN Fluid Coolers

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)						
	Fins Per Inch (FPI) Options				Coil Protection Options		
	8 FPI	10 FPI	12 FPI	14 FPI	Pro-Kote Fin Protection	Bronz-Glow Coating	Copper Fin Coil
FNQS04F444	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNQS05F345	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNQS05F446	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
FNQS06F347	-2,553	Standard	2,553	5,107	7,761	18,921	48,234
FNQS06F448	-2,553	Standard	2,553	5,107	8,870	19,356	51,125
Models with 540 RPM (0.5HP) Motors - Double Row (5/8" Diameter)							
FNQD06F351	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNQD06F452	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNQD08F353	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNQD08F454	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNQD10F355	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNQD10F456	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
FNQD12F357	-5,107	Standard	5,107	10,214	15,521	37,842	96,468
FNQD12F458	-5,107	Standard	5,107	10,214	17,741	38,776	107,119
Models with VSEC Motors - Single Row (1/2" Diameter)							
FNES01H361	-425	Standard	425	852	990	4,609	4,686
FNES01H462	-425	Standard	425	852	1,309	4,643	6,694
FNES02H263	-850	Standard	850	1,706	1,332	6,648	6,694
FNES02H364	-852	Standard	852	1,703	1,596	7,540	11,259
FNES02H465	-852	Standard	852	1,703	2,593	7,856	15,216
FNES03H366	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNES03H467	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNES04H368	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNES04H469	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNES05H370	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNES05H471	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
Models with VSEC Motors - Double Row (1/2" Diameter)							
FNED04H272	-1,700	Standard	1,700	3,412	2,659	13,295	13,998
FNED04H373	-1,703	Standard	1,703	3,404	3,925	15,080	24,344
FNED04H474	-1,703	Standard	1,703	3,404	5,186	15,710	33,475
FNED06H375	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNED06H476	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNED08H377	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNED08H478	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNED10H379	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNED10H480	-4,256	Standard	4,256	8,512	14,781	35,117	87,644



Fluid Coolers

FN Fluid Coolers

Coil Options Pricing - All Models

Can't Find An Option?

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Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Larkin Config Model	List Price Adders (\$US)						
	Fins Per Inch (FPI) Options				Coil Protection Options		
	8 FPI	10 FPI	12 FPI	14 FPI	Pro-Kote Fin Protection	Bronz-Glow Coating	Copper Fin Coil
Models with VSEC Motors - Single Row (5/8" Diameter)							
FNES03F361	-1,277	Standard	1,277	2,553	2,944	10,471	18,259
FNES03F462	-1,277	Standard	1,277	2,553	4,202	11,158	25,562
FNES04F363	-1,703	Standard	1,703	3,404	4,440	13,973	26,781
FNES04F464	-1,703	Standard	1,703	3,404	5,921	14,406	31,648
FNES05F365	-2,128	Standard	2,128	4,256	5,542	16,623	32,866
FNES05F466	-2,128	Standard	2,128	4,256	7,388	17,558	41,996
FNES06F367	-2,553	Standard	2,553	5,107	7,761	18,921	48,234
FNES06F468	-2,553	Standard	2,553	5,107	8,870	19,356	51,125
Models with VSEC Motors - Double Row (5/8" Diameter)							
FNED06F371	-2,553	Standard	2,553	5,107	5,886	20,941	38,953
FNED06F472	-2,553	Standard	2,553	5,107	8,403	22,315	54,212
FNED08F373	-3,404	Standard	3,404	6,808	8,882	27,947	54,777
FNED08F474	-3,404	Standard	3,404	6,808	11,841	28,812	65,429
FNED10F375	-4,256	Standard	4,256	8,512	11,084	33,245	67,984
FNED10F476	-4,256	Standard	4,256	8,512	14,781	35,117	87,644
FNED12F377	-5,107	Standard	5,107	10,214	15,521	37,842	96,468
FNED12F478	-5,107	Standard	5,107	10,214	17,741	38,776	107,119

Section 3

FN Fluid Coolers

Shipped-Loose Accessories

Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

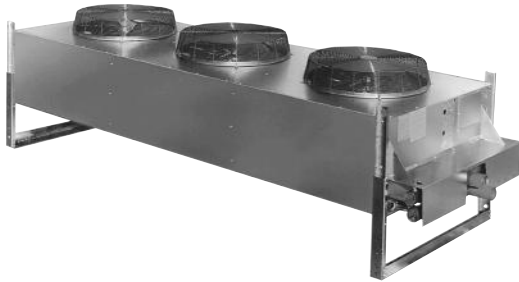
Connection Manifold Kits

Fluid cooler manifolds are for converting standard two circuit fluid coolers to single circuit. Price includes all tube fittings for field brazing to inlet and outlet

Feeds	Part Number	List Price (\$US)	Inlet		Outlet	
			Qty	Size	Qty	Size
18	MANF18	1,695	2	2-1/8"	1	4-1/8"
28	MANF28	1,695	2	2-1/8"	1	4-1/8"
36	MANF36	1,695	2	2-1/8"	1	4-1/8"
42	MANF42	2,904	2	2-5/8"	1	4-1/8"
56	MANF56	2,904	2	2-5/8"	1	4-1/8"
84	MANF84	3,845	2	3-1/8"	1	4-1/8"
112	MANF112	3,845	2	3-1/8"	1	4-1/8"

Small Fluid Coolers

Overview



Product Description

Direct-drive fluid coolers, available in horizontal or vertical airflow, are ideal for commercial/industrial locations. Available in sizes 5 to 26 tons, these units are easy to install and maintain. Specifically engineered for outdoor installations, the cabinet is constructed of heavy gauge aluminum to resist corrosion in all climates.

Certifications



Standard Features

Ease of Installation & Service

- Completely assembled and tested at the factory
- All fan motor leads are wired to a weatherproof electrical enclosure for single-point field wiring

Reliable & Durable

- Cabinets are heavy-duty construction and designed for outdoor applications; tube sheets and all structural members are fabricated from galvanized steel
- Cabinet panels are fabricated from heavy-gauge aluminum for an attractive appearance and corrosion protection
- Coils are fabricated with corrugated aluminum fins with staggered copper tubes for optimum heat transfer; all units are pressure-tested, dehydrated and pressurized prior to shipment
- Balanced fans, featuring heavy gauge aluminum blades riveted to plated steel spiders
- Corrosion resistant fan blades and guards
- Fan guards are coated steel for optimum corrosion protection
- Wide fin spacing minimizes fouling from foreign materials
- Fan motors have thermal overload protection and permanently lubricated ball bearings

Performance

- Fully baffled fan sections provide structural strength and prevent fan wind-milling in the off cycle
- Coils are the patented cross-fin coil with staggered seamless copper tubes expanded into full collar aluminum fins for high heat transfer efficiency

Versatile

- Available in horizontal or vertical airflow
- Sizes available from 10 GPM through 160 GPM
- A wide selection of circuit options maximizes performance at minimal cost

Section 3

Nomenclature

PFG	14
Product Line	Size
Direct Drive Fluid Cooler	Model

Fluid Coolers



Small Fluid Coolers

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field connected to 230/3/60 power.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Larkin Config Model	List Price (\$US)	Fan Config.	Factory-Installed Options List Price Adders (\$US)			
			Fan Cycling Options		Coil Coatings	
			1 PH Amb.	3 PH Amb.	ProKote™ Coated Fins	Bronz-Glow or ElectroFin
208-230/1/60 with PSC Motors						
PFG5	6,189	1x1	-	-	365	3,049
PFG8	7,817	1x1	-	-	582	3,049
PFG10	9,555	1x2	561	-	655	4,562
PFG12	10,730	1x2	561	-	722	4,562
PFG14	12,272	1x2	561	-	874	6,084
PFG16	13,450	1x2	561	-	1,069	6,972
PFG21	15,508	1x3	782	-	1,185	9,126
PFG23	15,946	1x3	782	-	1,350	9,126
PFG26	17,411	1x3	782	-	1,643	9,126
208-230/3/60 with Polyphase Motors						
PFG5	6,556	1x1	-	-	365	3,049
PFG8	8,103	1x1	-	-	582	3,049
PFG10	10,252	1x2	-	1,413	655	4,562
PFG12	11,305	1x2	-	1,413	722	4,562
PFG14	12,846	1x2	-	1,413	874	6,084
PFG16	14,026	1x2	-	1,413	1,069	6,972
PFG21	16,377	1x3	-	1,743	1,185	9,126
PFG23	16,812	1x3	-	1,743	1,350	9,126
PFG26	18,275	1x3	-	1,743	1,643	9,126
460/3/60 with Polyphase Motors						
PFG5	6,556	1x1	-	-	365	3,049
PFG8	8,103	1x1	-	-	582	3,049
PFG10	10,252	1x2	-	1,413	655	4,562
PFG12	11,305	1x2	-	1,413	722	4,562
PFG14	12,846	1x2	-	1,413	874	6,084
PFG16	14,026	1x2	-	1,413	1,069	6,972
PFG21	16,377	1x3	-	1,743	1,185	9,126
PFG23	16,812	1x3	-	1,743	1,350	9,126
PFG26	18,275	1x3	-	1,743	1,643	9,126
575/3/60 with Polyphase Motors						
PFG5	6,983	1x1	-	-	365	3,049
PFG8	8,529	1x1	-	-	582	3,049
PFG10	11,105	1x2	-	1,413	655	4,562
PFG12	12,158	1x2	-	1,413	722	4,562
PFG14	13,698	1x2	-	1,413	874	6,084
PFG16	14,877	1x2	-	1,413	1,069	6,972
PFG21	17,656	1x3	-	1,743	1,185	9,126
PFG23	18,089	1x3	-	1,743	1,350	9,126
PFG26	19,553	1x3	-	1,743	1,643	9,126

Notes:

1. For selection or sizing assistance, use Heatcraft software tool, THE HUB or contact your local your Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
3. Must specify which coating at time of order entry.



Fluid Coolers

Small Fluid Coolers

Shipped-Loose Accessories

Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	List Price (\$US)	Notes
8990065	Expansion tank and mounting kit	ALL	693	12x24 horizontal tank, 12 gallon, 30 PSIG, non-ASME
R038253919	Control Circuit Transformer	ALL	618	-



intelliGen Refrigeration Controller (iRC):

The iRC is a factory mounted electronic control solution for evaporators that provides automatic superheat, room temperature and intelligent defrost control capability for walk-in coolers and freezers. The iRC provides superior system performance and energy savings over traditional electro-mechanical controls commonly used on refrigeration equipment today.

intelliGen Webserver Card (iWC):

The iWC is an Optional Component to the iRC and it enables local and remote control and monitoring of your refrigeration system on any smart device (Phone, Tablet, PC). You need only ONE iWC per system (Up to 8 Connected Evaporators, 1 Condensing Unit)

intelliGen Integration Card (iIC):

The iIC is an Optional Component to the iRC and it enables connectivity to the Building Management system via BACnet or Modbus. You need ONE iIC per system (Up to 8 Connected Evaporators, 1 Condensing Unit)

Eliminated Components:

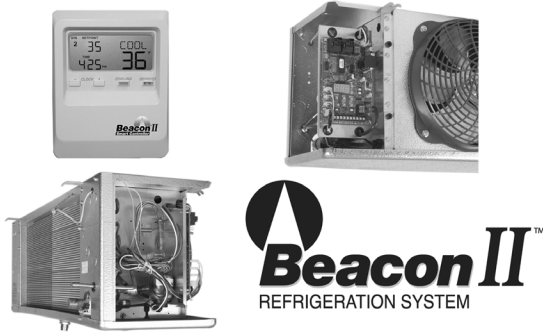
- Liquid-line solenoid valve
- Room thermostat
- Thermal expansion valve
- Defrost time clock
- Defrost termination/fan delay switch
- Defrost and fan contactors

Pricing (one Card Required PER SYSTEM):

Part Name	Part Number	List Price (\$US)
intelliGen Webserver Card (iWC)	28918301S	719
intelliGen Integration Card (iIC)	28918401S	409

Beacon II™ Refrigeration System

System Overview



Product Description

Beacon II™ Refrigeration System is a patented, pre-assembled, factory-installed refrigeration control system featuring an integrated microcomputer-based electronic control board and an electric expansion valve at the heart of the system. With components factory mounted at both the condensing unit and evaporator, the Beacon II™ system can be used with single or multiple evaporator applications. While perfect for restaurants and convenience stores, the Beacon II™ system can be scaled up to meet the needs of larger refrigerated warehouses with optional system devices such as the Beacon II™ Smart Controller.

Certifications



Features and Benefits

Reduced Installation Time/Cost

- Factory mounted components, testing, and programming substantially reduces field assembly and fine tuning at the job site

Increased System Efficiency & Reliability

- Beacon II™ electronic control board and electric expansion valve more accurately controls the flow of refrigerant versus traditional thermal expansion and solenoid valves
- Preset factory superheat allowing the system to run more efficiently and reducing future adjustments

Reduced Energy & Operating Costs

- Reduce up to 75% of unnecessary defrosts per day versus traditional timer systems with the Beacon II™ Smart Defrost

Improved Product Integrity & Reduced Spoilage

- Precise temperature control improves product integrity while alarm notifications helps prevent small problems from turning into large problems

Strengthen Food Safety Compliance Programs

- Data-logging capability helps comply with FDA and USDA HACCP food safety requirements

Compatible with the Remote Refrigeration Control

- Web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information

Factory Mounted Components

Condensing Unit

- Wired for Beacon II™ control with all necessary relays, contactors, time delay, and terminal blocks
- Outdoor air temperature sensor

Evaporator

- Beacon II™ control board with easy to read alphanumeric LED display
- Three temperature sensors (defrost temp, suction temp, room temp)
- Electronic expansion valve that closes automatically on loss of power
- 24-volt transformer, 24-volt compressor contactor, low pressure time delay switch, and suction pressure transducer

Eliminated Components

These traditional components are not required with a Beacon II™ system:

- Liquid-line solenoid valve
- Room thermostat
- Thermal expansion valve
- Defrost time clock
- Defrost termination/fan delay switch
- Defrost and fan contactors

Optional Devices

- Beacon II™ Smart Controller
- Beacon II™ Smart Defrost

Beacon II™ Refrigeration System

Selection & Pricing

STEP 1 : Determine the condensing unit and evaporator(s) needed for the heat load and application.

STEP 2 : Price the Beacon II™ condensing unit model with options from the appropriate section in this product catalog.

Note : Defrost kits are not required since the Beacon II™ factory-installed components in the condensing unit include all the accessories necessary for defrost.

STEP 3 : Price the evaporator(s) with the factory-installed Beacon II™ system option from the appropriate section in this product catalog.

STEP 4 : Save more energy and further reduce operating costs by adding additional Beacon II™ system components from below.



Beacon II™ Smart Controller

- Optional system monitoring and programming control device.
- Mount in a convenient location for easy access on site.
- Remote access capability via a web connection.
- Can program and control up to four condensing units with up to four evaporators on each system.

Beacon II™ Smart Controller

Part Number	List Price (\$US)
89704304	2,635

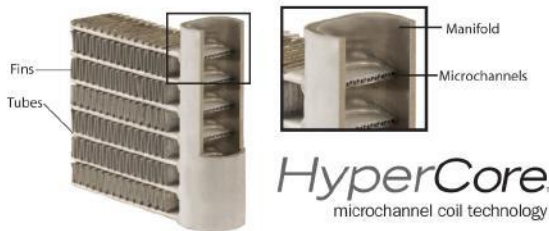


Beacon II™ Smart Defrost

- A patented algorithm included in the Beacon II™ Smart Controller.
- Predicts frost accumulation and initiate defrosts only when needed.
- Reduce up to 75% of unnecessary defrosts per day verses traditional timer systems.

Beacon II™ must be ordered as a system! When ordering a Beacon II™ system, please advise the box temperature, liquid temperature and refrigerant so that the proper evaporator nozzle can be installed. When applying an electric defrost coil in a medium temperature application, nozzle size is critical and must be evaluated. For assistance, please contact your local Sales Representative or Account Engineer.

HyperCore™ Micro-Channel Coils



Product Description

HyperCore™ microchannel condenser coils, a standard feature on the ½ - 6 HP air-cooled condensing units, are all-aluminum coils with multiple flat tubes containing small channels (microchannels) through which refrigerant flows. Heat transfer is maximized by the insertion of angled and louvered fins inbetween the flat tubes. These components are joined with two refrigerant manifolds using an aluminum-zinc alloy brazing material in a nitrogen-charged braze furnace to make the completed microchannel coil.

General Information

Features & Benefits

Improved Heat Transfer Performance

- 20-30% higher than traditional copper-aluminum round-tube plate fin (RTPF) coils with epoxy coating of the same size, enabling comparable capacity achievement with a smaller coil

Improved Corrosion Protection

- Monometal (aluminum) construction gives no opportunity for galvanic corrosion – HyperCore™ microchannel coils have been proven to last up to two times (2X) longer than standard RTPF coils in extended tests

Reduced Refrigerant Charge & Reduced Costs

- Condenser coil refrigerant charge may be reduced by up to 75%, leading to as much as a 40% reduction in system charge and reducing costs for end users

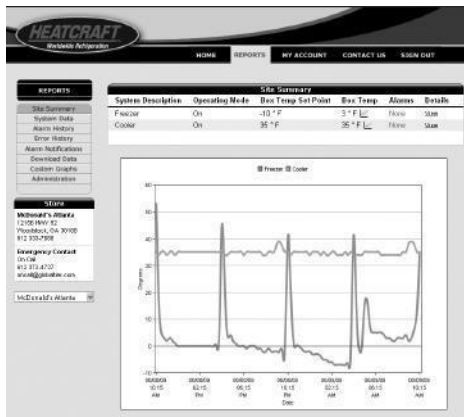
Improved Durability & Reduced Potential for Leaks

- Require only one manual braze operation versus 50-100 manually brazed joints for RTPF, significantly reducing the likelihood for leaks
- Flat tubes serve as a fin guard to help protect the fins from damage

Environmentally Friendly

- 100% recyclable
- Reduced refrigerant helps decrease the potential for ozone depletion and global warming

Remote Refrigeration Control



Product Description

The Remote Refrigeration Control, perfect for both foodservice and cold storage applications, is a web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information. Heatcraft is proud to offer the most advanced commercial refrigeration system monitoring package available in the industry. The Remote Refrigeration Control is compatible with both the Beacon II™ Refrigeration System and the Mohave™ Advanced Hot Gas Defrost System.

General Information

Features and Benefits

Securely Manage Your Beacon II Refrigeration Systems From Any Web Enabled Device 24/7

- Monitor and control the Beacon II refrigeration system(s) at one or more sites through a single website

- Secure login with multiple user level profiles and access rights

Improve System Efficiency & Reliability

- Real-time system information and advanced reporting/graphing capabilities provide you the tools necessary to keep your system running at peak performance

Increase Product Integrity & Service Call Effectiveness

- System Alarm Alerts sent 24/7 via e-mail or SMS text message notify you promptly of refrigeration system alarm conditions
- Remote troubleshooting capability improves first call resolution by providing refrigeration system data to the user

Strengthen Food Safety Compliance Programs

- Data-logging, advanced reporting capabilities, and alarm notification capabilities help comply with FDA and USDA HACCP food safety requirements

A Service Package That Meets Your Needs

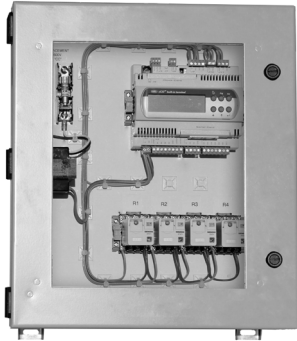
- Collect and display 40+ datapoints from your Beacon II refrigeration system in real-time

For more information, please contact your local Sales Representative or Account Engineer.

RRC normally connects to all DHCP IP internet connections. If your site is Static IP, Mohave, or is highly secure, IT personnel may be required to be on site.

Lead Lag Temperature Controller

General Information



Product Description:

The Lead Lag Temperature Controller provides an integrated thermostat and staging control for cold rooms with multiple refrigeration systems. Lead Lag Temperature Controller are available for 2 to 4 systems and utilize predictive control algorithms to increase systems reliability and energy efficiency. The Lead Lag Temperature Controller is compatible with both conventional refrigeration systems and Mohave Advanced Hot Gas Defrost Systems.

Features and Benefits

- Controls from 2 to 4 systems
- Integrated thermostat with multiple temperature sensor capability
- Controls both conventional and Mohave refrigeration systems
- Suitable for either 100% redundant or split load applications
- Alarm capability for High and Low Temperature, Controller Power Loss and Temperature Sensor Failure
- Predictive control algorithm utilizing Output Time or FIFO control strategies to equalize system run times
- Compressor run and staging timers
- User friendly interface
- Increased system reliability
- Energy efficient

Cat #	Number of Controlled Systems	List Price (\$US)
LLT42	2	5,183
LLT43	3	5,354
LLT44	4	5,525

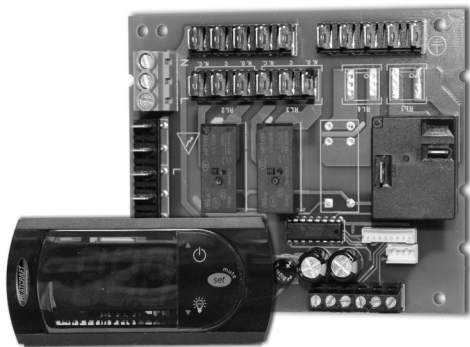
Note: LLT units include one temperature sensor. Any additional sensors must be ordered as a separate item.

Temperature Sensors

Cat #	List Price (\$US)
28988042	84

Split System Controller

General Information



Product Description:

Heatcraft Worldwide Refrigeration introduces an innovative walk-in cooler controller solution to provide improved defrost control.

The new Split System Controller combines three mechanical components into one electronic solution to reduce defrost complexity; providing restaurant and business operators with a simple, reliable and flexible solution.

Features and Benefits

- Replaces three mechanical components:
- Defrost termination switch
- Defrost timer
- Mounted thermostat
- Preprogrammed parameters suited to your environment
- One controller for all operating temperatures
- Wiring eliminated to condensing unit, reducing install time
- Easy to read LED display
- 66% reduction in required defrost components
- Built-in alarm and error code options

Cat #	Description	List Price (\$US)
21301701	115V & 208-230V Air Defrost	966
21301702	208-230V Electric Defrost	1,158
89905402	Field Kit- 115V Air Defrost	1,436
89905403	Field Kit- 208-230V Air Defrost	1,436
89905401	Field Kit- 208-230V Electric Defrost	1,660

Split System Controller is currently only offered for Low Profile unit coolers. For more information, please contact your local Sales Representative or Account Engineer.

Air-Cooled Package Chillers

Overview



Product Description

The ACC air-cooled process chiller product family is an important addition to the Heatcraft line of process cooling equipment. ACC chillers are designed to provide an efficient and reliable solution for a variety of process cooling applications. Units feature compact, high efficiency braze plate evaporators for improved heat transfer, advanced microprocessor controllers for optimized operation, and floating tube condenser coils for enhanced refrigerant leak protection. ACC air-cooled process chillers provide owners with dependable cooling for critical applications.

Standard Features

- Heated and insulated stainless steel braze plate evaporator.
- Floating Tube condenser coil design. Refrigerant carrying copper tubes do not contact any metal support sheets. Expanded anchor tubes support the coil and do not carry refrigerant. This coil design eliminates one of the major causes of leaks in chiller systems. Coil includes a 5 year leak warranty at tube sheets and center supports.
- Thermally protected condenser fan motors with permanently lubricated ball bearings
- Adjustable two valve head pressure control system with drain line check valve per circuit
- Liquid receiver with inlet and outlet service valves and pressure relief valve per circuit
- Suction accumulator per circuit
- Liquid line filter drier, moisture indicator/sight glass, solenoid valve and thermal expansion valve per circuit.
- Hot gas bypass capacity control system per circuit
- ETL listed control panel with microprocessor controller, 24V control transformer, compressor and condenser fan contactors and phase loss monitor

Models with Scroll Compressors (ACCZ Models)

- Scroll compressor with suction and discharge valves, and crankcase heater per circuit.

Models with Reciprocating Compressors (ACCR Models)

- Spring mounted semi-hermetic reciprocating compressor with suction and discharge service valves, suction and discharge vibration eliminators, and crankcase heater per circuit

Typical Applications Include:

- Machining (Cutting, Welding)
- Printing
- Plastic Molding
- Brewing
- Concrete Mixing
- Additional Industrial Processes

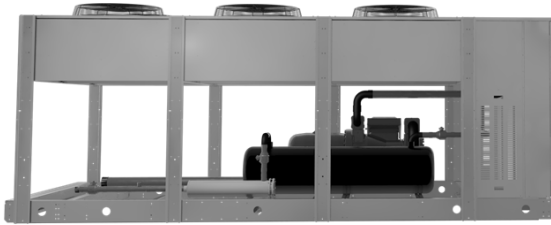
For more information, please contact your local Sales Representative or Account Engineer.

Nomenclature

ACC	Z	000	C	6	S	-
Model	Compressor Type	Nominal Capacity	Voltage	Refrigerant	Number of Compressors	Pump/Tank Options
Air-Cooled Chiller	Z = Scroll R = Reciprocating	005 - 080 = XXX tons	C = 208-230/3/60 D = 460/3/60 E = 575/3/60	6 = R-404A 7 = R-407C	S = Single D = Dual	Blank = Chiller Only P = Pump Only T = Pump/Integral Tank

Screw Compressor Condensing Units

Overview



Product Description

The screw compressor condensing unit is an important addition to the Heatcraft air-cooled condensing unit product family, featuring innovative compact screw compressors and advanced microprocessor controls. The unit is designed to provide increased system reliability, reduced installation and operation costs, as well as, improved product integrity in commercial and industrial refrigeration applications.

Increased Reliability

- Fewer moving parts result in improved durability
- Semi-hermetic motor design eliminates shaft seal and coupling concerns
- Integral oil system provides improved lubrication performance
- Factory-equipped microprocessor control system guarantees safe, reliable system performance
- Floating tube condenser coil design minimizes potential for refrigerant leaks

Reduced Costs of Ownership

- More capacity per compressor reduces number of compressors on large projects
- Reduced installation time and cost savings
- Built-in features include soft starting, slide valve unloading and digital controls for minimized operating costs

Improved Product Integrity

- Advanced digital controls and variable capacity capability maintain more precise temperature control
- Minimal temperature fluctuations result in maximum product integrity
- Advanced diagnostic, monitoring and data logging options allow for quick system recovery

For more information, please contact your local Sales Representative or Account Engineer.

Nomenclature

S	S	V	000B	M	6	D
Number of Circuits	Compressor	Airflow	Equiv. HP	Temperature Range	Refrigerant	Voltage
S = Single D = Dual	S = Screw	V = Vertical	050B = 50 060B = 60 070B = 70 080B = 80 090B = 90 100B = 100 110B = 110 125B = 125 140B = 140	M = Medium H = High	6 = R-404A/507 7 = R-407	D = 460/3/60 E = 575/3/60

Heatcraft Commercial Financing

Overview



Commercial Financing

Financial Solutions Made Easy

What if you could bundle everything you need, including new energy efficient commercial refrigeration equipment, control systems, installation services, maintenance programs and extended warranties, into a convenient and affordable monthly payment in less than 24 hours? Heatcraft Commercial Financing provides greater financial convenience with custom-fit financing solutions to perfectly meet your company's purchasing needs.

When you finance through Heatcraft Commercial Financing, you also get these additional benefits:

- Easy, streamlined application process
- Fast approval process, with most decisions made within 2-6 business hours
- Financing for your entire commercial refrigeration purchase, from equipment and installation to monitoring and maintenance programs
- Deferred and structured payments to assist with financial planning and budgeting
- Tax incentives and rebates that you may qualify for when you finance/lease your purchase

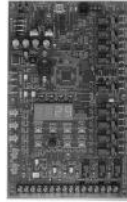
Contact Heatcraft Commercial Financing today to learn more about financing options that work best for your short-term needs and long-term plans.

Mohave™ Advanced Hot Gas Defrost System

6 to 40 HP Split Systems



Mohave™
THE ADVANCED HOT GAS DEFOST SYSTEM



Product Description

Mohave™ Advanced Hot Gas Defrost System is a heat pump based design consisting of a vertical discharge condensing unit matched to one or two evaporators, medium profile or large unit coolers. Featuring a state-of-the-art electronic defrost controller, the system operates in all outdoor ambient temperatures (tested to -20°F) and uses a proprietary control scheme to automatically adjust to changing conditions so that the system continues to operate at its most optimal level. The Mohave™ Advanced Hot Defrost System is designed for simplicity and optimal performance for use in agricultural, process cooling, cold storage and warehouse applications. The energy efficiency of this line makes it qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features & Benefits

Most Advanced

- The most sophisticated controller used for hot gas defrost applications
- Optimizes performance with changing conditions. There is no need to seasonally adjust settings!
- Sensors gather information and assess the condition of the system to defrost more efficiently

Most Versatile

- Performs exceptionally in all ambient conditions because the controller automatically adjusts to operate efficiently and effectively. Traditional systems often have to be adjusted by hand twice a year.
- Service switch, which allows the system to “sleep” until needed next, is perfect for seasonal agricultural applications.

Simplest to Use

- Control board is preset with factory settings optimized for model size and refrigerant type. No programming is required!
- Basic and expert menu modes allow for flexibility for various degrees of expertise

Lowest Maintenance

- No valves or times to adjust for seasonal conditions
- No water tank to maintain or check for leaks
- Advanced troubleshooting keeps you in the know all the time, with a minimal amount of effort.
- Special Evacuation Mode opens all necessary valves

Best Investment Protection

- Controller is customized to operate within the specified operation envelope, ensuring the safest and most efficient performance
- No guesswork is involved in the system settings, so you do not have to compromise the integrity of your product
- Detailed error and alarm codes greatly reduce troubleshooting time

Compatible With Heatcraft Remote Refrigeration Control

- Web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information

System Components

Electronic Control Board

- Controller completely manages timing and sequence of defrost
- Automatically compensates for changes in outdoor temperatures
- Monitors all pressures, temperatures, and set points in real time
- Easily programmable through a menu driven interface
- Conformal coated to handle the toughest conditions
- LED indication on the board clearly shows system status
- Remote alarm notification

Vertical Discharge Condensing Unit

- Available Models: 6-30 HP low temperature and 7-40 HP medium temperature
- Featuring Discus semi-hermetic compressors

Evaporators

- One or two medium profile evaporators or large unit coolers per system

For more information, please contact your local Sales Representative or Account Engineer.

Two Stage Condensing Units & Systems

5 to 30 HP



Product Description

Two stage condensing, units with Bitzer compressors, matched with 1 or 2 Medium Profile evaporators are designed for applications requiring a suction temperature below -40° F SST. The two stage system can operate down to -65° F SST which allows for room temperatures down to -50° F. These systems are ideal for blood, plasma, pharmaceutical, food and various other storage needs.

Certifications

ETL-508a listed control panel

Standard Features

Condensing Unit

- Bitzer two stage compressor
- Discharge and suction vibration eliminators
- Discharge muffler
- Encapsulated high pressure switch
- Adjustable low pressure switch with superhose
- Crankcase heater and crankcase pressure regulator
- Compressor contactor w/circuit breaker
- Floating Tube™ coil design
- Flooded head pressure controls
- Pressure fan cycling (multiple fan units)
- Oil separator - return line solenoid valve and time delay
- Mechanical subcooler
- Replaceable core liquid line filter drier
- Suction accumulator and replaceable core suction filter
- Defrost timer
- Defrost heater and evaporator fan contactors with fusing
- Phase monitor, anti short cycle timer, and pumpdown switch

Evaporator

- Thermo-Flex™ coil design
- Thermostatic expansion valve factory installed
- Liquid line solenoid valve factory installed
- Low temperature motors
- Double wall insulated drain pan
- Adjustable defrost termination and fan delay

For more information, please contact your local Sales Representative or Account Engineer.

FlexPack™

5 to 18 HP



FLEXPACK™

Product Description

FlexPack™ multiple compressor condensing units offer the flexibility for a wide range of applications. The modular design accommodates up to three compressors (1/2 to 6 HP Hermetic or Scroll), is available in 230/1/60 or 230/3/60, and with R-407A/C/F, R-448A/R-449A and R-404A models for medium or low temperature applications. Perfect for restaurants and convenience stores where remote condenser circuits are needed for ice machines, drink dispensers, display cases and more, this product significantly reduces air conditioning energy costs by reducing the heat load in the space. Features of this line provide outstanding results for the refrigeration system and bottom line.

Certifications



Features and Benefits

Flexible Design

- Modular design accommodates up to 3 compressors (1/2 to 6 HP Hermetic or Scroll)
- System capacity range from 5 to 18 HP (dependent upon cabinet size)
- Small footprint
- Rooftop AC style appearance to blend with existing equipment

Reduced Installation Costs and Easy Serviceability

- Hinged access panels to refrigeration and electrical components
- Single roof penetration
- Single-point main power
- Clean and intuitive electrical and piping layout

Durable & Reliable

- 14-gauge galvanized steel frame
- Industrial grade, painted galvanized steel
- 1-year parts warranty
- 4-year optional compressor warranty

Increased Energy Efficiency & Reduced Sound

- Remote condenser circuits reduce heat load into space resulting in lower air conditioning energy costs
- Recessed, vertical-discharge, flush-mounted 18" fans with 1100 RPM motors reduce noise levels

Components

- Fixed high pressure switch
- Fixed low pressure switch on medium and high temperature compressor modules
- Adjustable low pressure switch on low temperatures modules
- Suction service ports on all modules
- Suction accumulator (CS & CF extended temperature compressors)
- Vertical receiver in 6" x 12" or 6" x 27" sizes
- Sealed type liquid line drier and suction filter
- Head pressure control valve
- Aluminum fin coils
- Crank case heater
- Sight glass

Options

- Beacon II Refrigeration System available
- Defrost timer (air or electric)
- Individual compressor circuit breakers or fuses
- Unit fused disconnect
- Copper finned coils
- Polyester coated fins
- Liquid line solenoid valve
- Adjustable low pressure switch on high and medium temperature compressors

For more information, please contact your local Sales Representative or Account Engineer.

Air Handlers

03 to 75 Tons



Product Description

Air Handler units are available in sizes 03 through 75 tons in multiple cabinet styles. This equipment is engineered and built to fit your unique project requirements. Whether it is cooling, heating, or ventilation, multiple coil types and accessories are available to meet specific application needs.

Certifications



Standard Features

Basic Cabinet

- Fan section and a coil section with double wall drain pan.
- Galvanized steel with 1" - 3/4 pound density mat faced fiberglass insulation.
- All fan sections have hinged and latched access doors.

Fan Section

- Motors mount inside of cabinet.
- All units have a single fan design (either forward curved or airfoil)
- Single, double width, double inlet fan wheels for quiet performance and low energy consumption
- Fans are statically and dynamically balanced in fan section before the unit leaves the factory
- Fan bearings are ball bearing type selected for 200,000 hour average life.

Coil Section

- A wide variety of coil types to meet the load requirements of conditioned spaces including water, direct expansion, heat reclaim and steam coils.

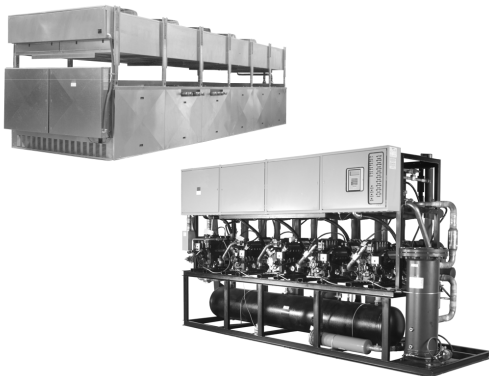
Accessories

- Electric Heaters and remote control panels
- A wide variety of filter sections: flat, high capacity, and high efficiency
- Economizer sections
- Internal or external face and bypass damper section

For more information, please contact your local Sales Representative or Account Engineer.

Refrigeration Racks

Up to 320 HP



Product Description

Providing a high level of design flexibility, racks are offered for indoor and outdoor applications with up to 8 parallel-piped compressors. This equipment is commonly used in cold storage applications. It is engineered and built to fit your unique project requirements and can be used with air-cooled, water-cooled or evaporative-cooled condensers.

Certifications

ETL-508a listed control panel

Standard Features

Cabinet

- Larger capacity in a compact footprint
- 3-8 compressors on one frame

Compressor

- Optimum compressor sizing to meet project requirements
- Compressor combination up to 320 HP

Performance & Service

- Single point wiring and piping
- Designed for optimum energy savings, faster installation and reduced maintenance costs
- Controls up to 3 suction groups
- Total project capacity requirements in one unit
- Microprocessor control
- Defrost function flexibility

Applications

- Food processing plants
- Blast cooling and freezing applications
- Food and beverage distribution facilities
- Hydrocoolers for produce cooling

For more information, please contact your local Sales Representative or Account Engineer.

Other Products and Services



Compressor Protection Plan

Extended Warranty

Condensing Unit Compressors

Warranty Item ID	Compressor Horsepower	List Price (\$US)
Hermetic Compressors		
ACH0	0.5-1.0	589
ACH1	1.1-1.9	653
ACH2	2.0-2.9	718
ACH3	3.0-5.0	793
Semi-Hermetic Compressors (Discuss & Reed)		
ACA0	0.5-1.0	1,032
ACA1	1.1-1.9	1,056
ACA2	2.0-2.8	1,574
ACA3	2.9-3.9	1,794
ACA4	4.0-5.9	2,680
ACD5	6.0-6.9	3,214
ACD7	7.0-8.9	3,271
ACD11	9.0-11.9	4,238
ACD13	12.0-14.9	5,111
ACD15	15.0-15.9	6,522
ACD21	20.0-22.0	8,104
ACD25	25.0-27.0	9,961
ACD30	30.0-30.9	10,672
ACD35	35.0-35.9	11,125
ACD40	40.0-40.9	11,651

Warranty Item ID	Compressor Horsepower	List Price (\$US)
Scroll Compressors		
AZL1	1.0-1.9	1,095
AZL2	2.0-2.9	1,112

Warranty Item ID	Compressor Horsepower	List Price (\$US)
AZL3	3.0-3.9	1,438
AZL5	4.0-5.9	1,501
AZL6	6.0-6.9	1,548
AZL7	7.0-8.9	2,572
AZL11	9.0-11.9	2,754
AZL13	12.0-14.9	3,279
AZL15	15.0	3,353

Scroll Compressors LG Model		
AZG1	1.0-1.9	1,095
AZG2	2.0-2.9	1,112
AZG3	3.0-3.9	1,438
AZG5	4.0-5.9	1,501
AZG6	6.0-6.9	1,548

Bitzer Compressors		
BCSL4	3-4	1,589
BCSM5	5	1,742
BCSM9	6-10	1,812
BCSM12	12	2,450
BCSL13	13	2,986
BCSM15	15	2,913
BCSM20	20	3,337
BCSM22	22	3,489
BCSM25	25	4,244
BCSM30	30-33	4,438
BCSM35	35	4,945
BCSM40	40	5,649
BCSM50	50	6,097

Warranty Item ID	Compressor Horsepower	List Price (\$US)
Bitzer MT Screw Compressors		
BCS50	50	11,183
BCS60	60	11,925
BCS70	70	12,760
BCS80	80	13,930
BCS90	90	15,182
BCS100	100	16,797
BCS110	110	22,776
BCS125	125	23,755
BCS140	140	25,615
Bitzer LT Screw Compressors		
BSCL40	40	33,444
BSCL50	50	36,165
BSCL60	60	37,820
BSCL70	70	39,870

PRO³ Compressors

Warranty Item ID	Model	List Price (\$US)
WARCO-3	PT*019-031L6, PST034L6 PT*024-072M6, PST066M6 PT*026-076H6, PST070H6	415
WARCH1-3	PT*044-052L6, PST051-057L6 PT*099M6, PST086M6 PT*104H6, PST090H6	422
WARCH2-3	PT*069L6, PST077L6 PT*128M6, PST124-141M6 PT*133H6, PST131-147H6	497

Term of Extended Compressor Warranty:

Heatcraft Refrigeration Products LLC (herein after referred to as "Heatcraft") hereby warrants the covered parts and equipment for a period of five (5) years from the date the standard Heatcraft Product Warranty became effective, all as defined below. This warranty shall become effective upon the expiration of the standard Heatcraft Product Warranty applicable to the parts or equipment. As a PRO3 systems and systems with InterLink compressors, the warranty shall be effective for a period of three (3) years following expiration of the standard warranty. As to all other Heatcraft traditional products, this warranty shall be effective for a period of four (4) years following expiration of the stand warranty.

Covered Parts and Equipment:

Covered parts and equipment shall include only the motor-compressor assembly (the "Assembly") consisting of the rotor, eccentric rod, piston, wrist pin, suction valve, discharge valve and the housing in which these parts are enclosed. The warranty does not apply to any other parts or equipment, and, without limitation, specifically excludes any equipment to which the Assembly is connected (such as cooling coils, temperature controls, refrigerant, metering devices, etc.), and any other parts, such as the condenser, receiver, connecting tubing, and electric controls such as relays, capacitors, pressure control or fan and motor assemblies.

Statement of Warranty:

If, during the term of this Warranty, any Assembly is found to be defective in material or factory workmanship under normal use and regular service, Heatcraft will reimburse to the original Purchaser-user, named above, the cost of a replacement Assembly or replacement parts, as applicable, less the fair exchange value of the part found to be defective. A determination of defectiveness shall be made by the nearest compressor wholesaler to which the part shall be delivered for inspection by the Purchaser-user. The amount of such reimbursement shall not include any charges for freight or for labor of any kind (including, but not limited to, the labor associated with the disassembly, reassembly, repair or other work performed on the equipment), nor for any other expense in connection with such exchange, repair or replacement. Purchaser-user shall establish the amount of reimbursement due by submitting to Heatcraft a true and correct copy of the wholesaler's net invoice and credits for the replacement Assembly or parts. Notwithstanding anything to the contrary herein, in no event shall Purchaser-user be entitled to total reimbursement hereunder exceeding the "limit of Liability" amount reflected below.

Warranty Limitations:

This warranty applies only to the original Purchaser-user, within the boundaries of the United States of America, its Territories and Possessions, and Canada, and is not assignable. The Purchaser-user is that person, persons, association or corporation for whom the assembly is originally purchased and installed. This Warranty does not apply to damage to the Assembly: occurring during transit, caused by alterations to the parts or equipment, or caused by fire, accidents, fluctuating electrical currents (such as those resulting from running the equipment on a generator), Acts of God, misuse, abuse, failure to properly service and maintain the equipment pursuant to the manufacturer's instructions, or use of non-approved refrigerants in the equipment. This Warranty is void if the covered equipment is moved from its original installation site, or if the serial number on the Assembly is altered, defaced, or removed.

Heatcraft makes no express warranties other than the warranty specified in its standard Warranty and, to the extent applicable, the Warranty as contained in the extended warranty. All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose are excluded to the extent legally permissible. Heatcraft shall have not liability for incidental or consequential damages (including, without limitation, claims for loss of income or profits).



Other Products and Services

Extended Service Agreements

General Information

Product Description

Today's commercial refrigeration equipment is high-tech. An equipment failure can result in tremendous expense, if it includes repairs, replacement parts, and labor expenses. Equipment owners can potentially save hundreds and even thousands of dollars with a Heatcraft Extended Service Agreement.*

*Limitations Apply. Subject to Service Net terms and conditions. Risk management is provided by Service Net.

Features and Benefits

Complete Peace of Mind

- Covered repair bills will be paid throughout the term of the agreement*
- Choose the type of coverage required with no deductible to worry about

Buy Tomorrow's Repair Costs at Today's Prices

- Due to outside influences, such as price increases and inflation, repair costs may not remain the same in the future. With an Extended Service Agreement from Heatcraft, equipment owners will have one less worry

Extend Our Manufacturer's Warranty

- Standard coverage is one-year parts. With Heatcraft's Extended Service Agreement, you can extend our manufacturer's warranty for up to five years on parts and labor

What's Covered?

- All Heatcraft evaporators, condensing units, and PRO3 Packaged Systems
- New equipment for up to 5 years. Heatcraft's Extended Service Agreements can be transferred to a new equipment owner for a nominal fee

For more information, please contact your local Sales Representative or Account Engineer.

Terms & Conditions of Sale



Terms of Sale

ORDER ACCEPTANCE:

All orders must be in writing and are subject to acceptance by SELLER at its principal office.

PAYMENT:

Payment is due net thirty (30) days from date of invoice.

PRICES:

Prices are based on products made to SELLER'S standard manufacturing tolerances. Prices of products are subject to change prior to shipment. SELLER reserves the right to change prices on Buyer's orders to those prices in effect at time of shipment.

FREIGHT ALLOWANCE:

Prices are Ex-Works SELLER's dock, freight allowed on any single purchase order of \$10,000 or more (if the order is solely for parts or if the order is solely for products consisting of equipment and accessories), via lowest common carrier to nearest freight station within continental U.S.A. In addition, Prices are Ex-Works SELLER's dock, freight allowed for multiple orders of less than \$10,000 (if the orders are solely for parts or if the orders are solely for products consisting of equipment and accessories) for which the Buyer schedules consolidation into one shipment equal to or greater than \$10,000 on the same day to one freight station within continental U.S.A. If special routing is requested for such a purchase order of \$10,000 or greater (contract haul, requested flatbed delivery, appointment to meet a crane, etc.), Buyer will be assessed a charge for the difference between such routing and normal minimum freight charge to such point. A purchase order less than \$10,000 or which doesn't meet the \$10,000 criteria or a purchase order that meets the \$10,000 criteria but with shipments to multiple ship-to locations will be shipped Ex-Works SELLER's dock, no freight allowed. Buyer will pay ALL costs associated with the shipment of parts and any orders that are shipped via air freight or expedited delivery. Shipments to destinations outside of the continental U.S.A. will incur charges for the additional cost of transport beyond the U.S.A. border.

DELIVERY:

Any delivery dates which may be indicated herein are estimates only and are not guaranteed.

Unless otherwise agreed, delivery shall be Ex-Works SELLER's dock. As to those products for which SELLER maintains manufacturing facilities in different locations, the point of manufacture will be at SELLER's discretion. SELLER shall be excused for any delay in deliveries or other performance failures due to acts beyond its control, including, but not restricted to, Acts of God or of the public enemy, acts of the Government of the United States or another country, including any preference priority or allocation order, or of any state, territory or possession thereof of any political subdivision or authority or representative of any of them, strikes, lockouts or labor troubles, embargoes, fires, floods, epidemics, quarantine restrictions, explosions, sabotage or other catastrophes or serious accidents, freight embargoes, unusually severe weather, and delays of a subcontractor or supplier due to any such causes.

CREDIT APPROVAL:

If, during the performance hereof, the financial responsibility of Buyer is determined at the sole discretion of SELLER's Credit Department to be unacceptable or if Buyer fails to make any payments in accordance with the terms hereof, then in any such event, SELLER may defer or decline to make any shipments hereunder except upon receipt of satisfactory security or cash payments in advance or SELLER may terminate this order without further obligations of SELLER to Buyer.

TAXES:

Any direct or excise tax which may now or hereafter be imposed by any governmental unit upon the manufacture, sale, or delivery of the goods covered by these terms and conditions may be added by SELLER to the purchase price of such goods, and if so added, shall be paid by the Buyer.

PATENTS:

If any product shall be manufactured and/or sold by SELLER to meet Buyer's particular specifications or requirements, and is not part of SELLER's standard line offered by SELLER to the trade generally, Buyer agrees to indemnify SELLER and hold it harmless from liability, as well as from all costs and expenses, in the event of any claim of patent infringement, whether direct or contributory, arising out of the manufacture or sale of such product, so long as the infringement or claimed infringement does not arise from the combination of the product with anything not provided by SELLER and Buyer promptly notifies SELLER of any such claim and fully cooperates with SELLER.

CANCELLATION OF ORDER:

Partial or total cancellations of this order by Buyer may be made only upon SELLER's written consent and on condition that SELLER shall be promptly paid an amount determined by SELLER to reimburse it for the costs, losses and expenses resulting from such cancellation. In addition, if Buyer does not release products for shipment within a reasonable time after the date of their manufacture or assembly, SELLER may cancel the order and Buyer agrees to promptly pay SELLER an amount determined by SELLER as liquidated damages and not a penalty, up to twenty percent of the price of the products, to reimburse SELLER for its costs and losses.

RETURN GOODS:

No products shall be returned without SELLER's written permission. Products authorized in writing for return shall be subject to handling and restocking charges determined by SELLER and transportation costs, which Buyer agrees to promptly pay.

PRODUCT CHANGES:

SELLER reserves the right to change specifications, design and material in the interest of product improvement, without incurring obligation to the Buyer.

The terms and conditions of an order, which shall include these terms of sale, shall constitute the sole and exclusive agreement between SELLER and Buyer. No waiver of any provision hereof shall constitute a waiver of any other breach or of such provision. Buyer shall comply with all applicable laws, including all export-related laws. The internal laws of the State of Georgia, USA, shall apply.

CLAIMS:

Risk of loss or damage shall in every case pass to Buyer at SELLER's dock. SELLER shall have no responsibility for any claimed shortages or damages. Buyer must (I) notify SELLER of shortages or damages within ten (10) days after receipt of the product; (II) notify agent or carrier within such time of shortage or damage; and (III) file claim with the carrier for the damage or shortage claimed.

WARRANTIES:

SELLER's standard published catalog products warranty ("Warranty"), which is subject to the exclusions and limitations stated in the Warranty, applies to the products and is incorporated into these terms of sale and SELLER's performance of the Warranty is the exclusive remedy of BUYER. SELLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, ORAL OR WRITTEN, RELATED TO THE GOODS, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SELLER SHALL HAVE NO LIABILITY FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR PUNITIVE DAMAGES, INCLUDING ANY LOSS OF PROFIT, AND SELLER'S LIABILITY FOR DIRECT DAMAGES IS LIMITED TO THE AMOUNT PAID BY THE BUYER FOR THE PARTICULAR ITEM OR PART INVOLVED. SELLER OFFERS A NON-TRANSFERABLE OPTIONAL EXTENDED 3- OR 4-YEAR EXTENDED COMPRESSOR WARRANTY IN THE US AND CANADA FOR AN ADDITIONAL COST.



Terms & Conditions of Sale

Terms and Conditions

1. All orders must be in writing. Manufactured-to-order production will not commence unless a written order is provided.
2. Tax Exemption Certificates must be provided for ship-to designated states, or applicable taxes will be added to invoice.
3. Three or Four-Year Extended Compressor Warranty (Optional and subject to terms):
 - Available within the boundaries of the United States of America, its Territories and Possessions, and Canada, and is not assignable.
 - Replacements through authorized compressor distributors only.
 - within the period of the Warranty - warranty by distributor.
 - three or four years after end of period of the Warranty - supply proof-of-purchase of new compressor to Heatcraft Refrigeration Products Warranty Claims for reimbursement.

Orders In-Warranty Replacement

In those instances where it is necessary for our customers to place in-warranty orders, some standard information must be provided when the order is placed with the Customer Service Specialist, or with Warranty Claims personnel.

- Complete model and serial number of unit involved.
- Original purchaser of equipment, original invoice number or acknowledgment number. If information is not available, further research will be necessary to validate warranty.
- Start-up date of the equipment involved.
- Failure date of the part which is being replaced.

In those instances where the defective item was a stock replacement, the model and serial number of the original unit are not required. Service parts for products out-of-original warranty are warranted for a period of one (1) year from date of original installation or eighteen (18) months from date of shipment by SELLER.

At the time the order is placed with the Customer Service Specialist, a determination will be made if the defective material should be returned.

An invoice will be issued to the customer for the replacement material with a notation concerning if the material can be "field scrapped" or if return to the plant of manufacture is required.

Warranty Claims will process a credit memo offsetting the amount of the invoice, plus any surface freight charges. The warranty in effect for equipment and/or parts does not cover the cost of special freight terms.

Service Policy and In-Warranty Field Repair

Service Policy

The following outline of the Service Policy of SELLER is a complete explanation as to the purpose and administration of the policy.

Field Service Engineers are available for troubleshooting problems related to SELLER's manufactured products only. All requests for on-site assistance in diagnosing service problems will be scheduled at the discretion of the Service Department and only after previous attempts to diagnose equipment problems through direct communications with the installing or servicing agencies have failed.

Advance notice will usually be required to arrange an on-site inspection of the equipment installation by a Field Service Engineer, if SELLER determines that is needed, and the scheduling of the on-site inspection will be subject to the Field Service Engineer's availability. A purchase order from the original customer will be requested and must be on file with the SELLER's Service Department prior to scheduling of the Field Service Engineer. If the Field Service Engineer's inspection indicates the problem is due to installation, service, misapplication, or any situation that is beyond Heatcraft Refrigeration Products' control, the SELLER will invoice the customer against this purchase order at the rate established annually by SELLER (currently, \$740.00 per day) with a two (2) day minimum charge plus all related travel, lodging, sustenance, and incidental expenses. However, should the inspection reveal that the problem is due to deficiencies in material or workmanship by SELLER, no charges will be owed.

In the event that a Field Service Engineer is dispatched to a job site, it is mandatory that a representative of the customer and/or contractor be present at all times while the Service Engineer is on-site. Additionally, all actual service work must be performed by a qualified licensed refrigeration service technician equipped with the appropriate tools and test instruments. Advance arrangements should be made between the customer and SELLER and communicated to all of the appropriate parties. If this condition is not met, it is at SELLER's discretion as to whether the Field Service Engineer will continue with the job site inspection.

In-Warranty Field Repair

In some cases where the SELLER believes the customer may be better served, on-the-job repair may be authorized in writing at actual cost for appropriate repair. Specific information must be provided to the Service Department including the complete model and serial number of the equipment involved along with the actual start-up date of the equipment and the name of the original customer and a breakdown of estimated costs to repair. When authorization is given by SELLER personnel, a Field Repair Authorization Number will be issued for an approved, qualified licensed technician to conduct the repairs. This number will reference the estimated costs of repairs plus all pertinent information concerning the equipment. After completion of the repairs, the original service invoice should be sent to SELLER's Field Sales Representative, along with copies of any additional documentation required. The invoice must be complete, showing SELLER as the customer, with a brief description of all work performed, an itemized breakdown of labor and material, along with the model and serial number of the equipment. The Field Repair Authorization Number should also be noted.

When warranty coverage for repairs is expected from SELLER, the repairs should never be performed without prior written authorization from the Service Department (except during periods of extenuating circumstances which may preclude prior contact). In those instances when field labor is performed without the Service Department's prior written approval, reimbursement may, or may not be allowed. Our normal policy for reimbursement is by credit memo to the original purchaser. Repair or replacement of the product in these instances shall be the sole responsibility of the customer in each case. Repairs to products determined to be beyond the Standard Warranty period will be at the discretion of the customer or end user.

Recap of Returned Goods Policy for Field Distribution

Returned Goods Policy

- **Contact your Sales Representative or the Warranty Claims Department for prior authorization. No product will be accepted for credit without a properly completed authorization tag. The Return Material Authorization (RMA) Number must be marked clearly on the outside of the carton and a copy of the RMA should accompany the returned material.**
- **MANUFACTURED-TO-ORDER (NON-STOCK) UNITS ARE NOT ELIGIBLE FOR RETURN.**
- Goods requested to be returned for restock to Heatcraft Refrigeration Products' inventory must be in a new, unused, and salable condition, in the original cartons, and less than one year from the original invoice date.
- If an item has been field scrapped, no RMA is needed.
- Warranted units and/or parts found to be defective upon Seller's examination will be repaired or replaced. Heatcraft Refrigeration Products will require the following:
 - Complete model and serial number of the unit.
 - Start-up date of unit and failure date of unit.
 - Original invoice or acknowledgment number along with the original equipment purchaser's name.
- If an advance replacement is needed, contact your Customer Service Specialist.
- Goods must be returned prepaid (unless authorized otherwise) within 60 days of date on RMA. Failure to return goods within sixty (60) days may result in:
 1. Refusal of materials.
 2. Loss of credit.



Catalog Products Warranty

Standard Warranty:

Seller warrants to its direct purchasers that Products, including Service Parts, shall be of a merchantable quality, free of defects in material or workmanship, under normal use and service for a period of one (1) year from date of original equipment start-up, or eighteen (18) months from date of shipment by Seller, whichever first occurs. This warranty runs to only the original purchaser of equipment or part. Any Products covered by this warranty found to Seller's satisfaction to be defective upon examination at Seller's factory will at Seller's option, be repaired or replaced and returned to Buyer via lowest common carrier Ex-Works Seller's dock. This is buyer's sole and exclusive remedy and, except as provided in the next sentence, seller's sole and exclusive liability in connection with the warranty. Or Seller may, at its sole option, grant Buyer a credit for the purchase price of the defective Product. Buyer must prepay all costs for transportation of Products to Seller's factory.

Seller shall have no liability for expenses incurred for repairs made by Buyer except by prior, written authorization. Any claim under this warranty shall be made to Seller in writing within the warranty period specified above – otherwise such claim shall be deemed waived. Seller shall have no warranty obligation whatsoever if its products have been subjected to alteration, misuse, negligence, free chemicals in system, corrosive atmosphere, accident, or if operation is contrary to Seller's or manufacturer's recommendations, or if the serial number has been altered, defaced, or removed.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS, AND ALL OTHER OBLIGATIONS OR LIABILITIES OF SELLER ARE HEREBY DISCLAIMED.

Additional Warranties:

The Standard Warranty specified above applies to all Products and Service Parts unless modified by the following:

THERMO-FLEX™ OR FLOATING TUBE™ DESIGN COIL

Seller warrants the Thermo-Flex/Floating Tube Design Coil of the "BM", "BH", "CM", "CH", "HM", "HH", "MM", "ML" or "LH" series of Unit Coolers; coil section of the "BLV", "BDVS", "BBV", "JLD", "JDDS", "JBD", "BDT", "BDN", "BDS", "BDB", "BZT", "BZN", "BZS", "BZB", "CDD", "CDDS", "CDT", "CDN", "CDS", "CZT", "CZN", "CZS", "HDD", "HDDS", "HDT", "HDN", "HDS", "HZT", "HZN", "HZS", "LDV", "LDVS", "LDD", "LDDS", "LDT", "LDN", "LDS", "LZT", "LZN", "LZS" condensing units; and coil section of the "BN", "CN", "HN" or "LN" models of Air-cooled Condensers for a period of five (5) years from shipping date, in the event of any documented and verified (by Seller's representative) leaks in the coil tubes containing refrigerant at the point of and caused by tube contact with the end or center coil support sheets.

Seller will also reimburse the replacement cost of lost refrigerant for a period of five years from the date of shipment from leaks specifically caused by the reasons stated above. The replacement cost will be limited to one full system charge. The warranty specifically excludes leaks at header and weld joints, split tubes or leaks caused by failure to operate the product in accordance with published guidelines for operation and installation of equipment. The cost of replacement refrigerant will be limited to Seller's indexed nationwide average of refrigerant cost per pound. The warranty excludes any fines/fees related to refrigerant leaks.

Air-cooled CONDENSERS "BN", "CN", "HN", "LN" or "NRG" Models"

Seller warrants Air-cooled Condensers "BN", "CN", "HN", "LN" or "NRG" Models" for a period of two (2) years from date of original installation, or 30 months from the date of shipment by Seller, whichever first occurs.

Optional EC Condenser Fan Motors EC Motors

Five (5) Blade motor assemblies - for a period of three (3) years from date of original installation, or forty-two (42) months from date of shipment by Seller, whichever first occurs.

Unit Cooler EC Fan Motors

Seller warrants EC Motors for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

Beacon II™ CONTROL SYSTEMS, Quick Response Controller (QRC) & IntelliGen™ Controller

Seller warrants the Beacon II™ Control System, Quick Response Controller and IntelliGen™ Controller parts for a period of three (3) years from the date of original installation, or forty-two (42) months from the date of shipment by Seller, whichever first occurs.

PRO3 PACKAGED REFRIGERATION SYSTEM:

Seller warrants the PRO3 Packaged Refrigeration System for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

Catalog Products Warranty



HYPERCORE™ Microchannel Coil

Seller warrants the Hypercore™ Microchannel Condenser Coil for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

SMART DEFROST KIT™

Seller warrants the Smart Defrost Kit™ for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

LG Scroll Compressors Seller warrants the LG Scroll Compressors for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

MOTOR COMPRESSORS:

Motor compressor replacements or exchanges shall be made through the nearest authorized wholesaler of the motor compressor manufacturer (not at Seller's factory) and no freight shall be allowed for transportation of the motor compressor to and from the wholesaler. The replacement motor compressor shall be identical to the model of the motor compressor being replaced. Additional charges which may be incurred throughout the substitution of other than identical replacements are not covered by this warranty. An optional, non-assignable, three (3) or four (4) year extended compressor warranty may be purchased for extra cost within the boundaries of the United States of America, its territories and possessions, and Canada. With this extended compressor warranty, replacements are administered by an authorized compressor distributor only. Replacements within the time period of the standard Warranty (as modified in some instances as stated above) are available through the distributor; for the remaining years, the purchaser must submit a proof-of-purchase of a compressor and supply it to Heatcraft Warranty Claims for reimbursement.

THIS WARRANTY SHALL NOT APPLY:

1. When this equipment or any part thereof is damaged by accident, fire, flood, act of God, alteration, abuse, misuse, tampering, when the original model and serial number plate has been altered, defaced, or removed or used other than the recommended application by Seller.
2. When this equipment or any part thereof is subject to operation on low, high or improper voltages. Low and high voltage is defined as more than a 5% drop below or 10% higher than name plate voltage ratings for single phase equipment or more than 10% drop below or 10% higher than name plate voltage for three phase equipment. NOTE: Proper field supply voltage to the equipment is the responsibility of the owner (end user).
3. To equipment with final destinations unknown to seller as indicated on the original sales order.
4. To labor cost for repair or replacement of parts.
5. To special or expedited freight or shipping charges or to customs duties to any country.
6. If the Warranty holder fails to comply with all the provisions, terms and conditions of this Warranty.

Parts replaced under this Warranty are warranted only through the remainder of the original Warranty.

Extended Service Agreements are provided by a third party not affiliated with Seller. The services provided by the third party are subject to the terms and conditions of the Extended Service Agreements and Seller is not responsible for those services or the third party's performance of its obligations.

IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT SELLER SHALL NOT BE LIABLE TO BUYER, OR ANY CUSTOMER OF BUYER, FOR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, INCLUDING LOSS OF PROFITS, ADDITIONAL LABOR COSTS, LOSS OF REFRIGERANTS OR FOOD PRODUCT, OR ANY INJURY TO PERSON OR PROPERTY CAUSED BY DEFECTIVE MATERIAL OR PARTS OR FOR ANY DELAY OR MISPERFORMANCE IN THE PERFORMANCE DUE TO CAUSES BEYOND ITS CONTROL OR FOR ANY EXPENSES INCURRED BY REASON OF THE USE OR MISUSE BY BUYER OR THIRD PARTIES OF THE PRODUCTS. SELLER'S MAXIMUM LIABILITY FOR DIRECT DAMAGES IS LIMITED TO THE AMOUNT PAID BY THE BUYER FOR THE PARTICULAR ITEM OF EQUIPMENT OR PART INVOLVED.

NOTE: IN THE CONSTANT EFFORT TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO CHANGE AT ANY TIME SPECIFICATIONS, DESIGN, OR PRICES WITHOUT INCURRING OBLIGATION.



Warranty FAQ

Q: What is Heatcraft Refrigeration's standard warranty?

A: All units sold by Heatcraft Refrigeration Products are covered under the standard catalog warranty. The basic terms of the standard catalog warranty is as follows: Products warranted for one year from date of original installation, or eighteen (18) months from date of original shipment, from Heatcraft Refrigeration Products, whichever occurs first.

Replacement parts used on equipment past warranty terms are warranted for 1 year from date of installation

View Catalog Products Warranty section for more detailed information

Q: How do I know if my Heatcraft Refrigeration unit is in warranty?

A: Contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775 with the model and serial number of the equipment that was serviced along with the equipment's original installation date

Q: How do I submit a warranty claim?

A: Warranty claims should be submitted to the original purchaser of your Heatcraft Refrigeration Products equipment. If assistance is needed to identify the equipment's original purchaser you can contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775 with the model and serial number of the equipment that was serviced.

Q: How do I get a warranty claim form?

A: Heatcraft Refrigeration Product currently does not have a warranty claim form. Instead, all warranty claims for Heatcraft equipment are processed through the original purchaser of the equipment serviced.

Q: How do I return material (defective/new and unused)?

A: The original purchaser must receive written permission from Heatcraft Refrigeration Products to return the product. Contact the Heatcraft Field Sales Representative or a Heatcraft Refrigeration Product's warranty representative at (800) 537-7775.

Q: Who do I contact to service my Heatcraft Refrigeration equipment?

A: Heatcraft Refrigeration Products does not have authorized service contractors. A qualified refrigeration service contractor of your choice is permitted to service Heatcraft equipment as needed. All service contractors should contact Heatcraft Refrigeration Products warranty department to confirm warranty status prior to beginning any service related work

Q: How do I get an "in-warranty" replacement part?

A: You can contact Interlink Parts for in-warranty replacements using one of the following:
By phone at (800) 686-7278 between the hours of 7:30 AM to 4:30 PM Central Time or by email at interlinkparts@heatcraftprd.com

Q: How do I locate an authorized Heatcraft Refrigeration wholesaler?

A: You can locate authorized Heatcraft Refrigeration Products parts wholesalers in your area by using one of the following:
By contacting a Heatcraft Refrigeration Products Customer Service Representative at (800) 537-7775 between the hours of 8:00 AM to 5:30 PM Eastern Time or by clicking one of the various wholesaler links found on Heatcraft Refrigeration Products Warranty Webpage

Q: How can I check the status of a warranty claim once submitted?

A: You can contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775. Make sure to have your Heatcraft equipment serial number handy for reference purposes.



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