



# 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
<b>Electric Defrost Models with EC Motors - 208-230/1/60</b>											
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
<b>Electric Defrost Models with PSC Motors - 208-230/1/60</b>											
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.

Section 1

# 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.

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
<b>Hot Gas Defrost Models with EC Motors - 115/1/60</b>					
-	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
<b>Hot Gas Defrost Models with EC Motors - 208-230/1/60</b>					
-	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
<b>Hot Gas Defrost Models with PSC Motors - 115/1/60</b>					
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
<b>Hot Gas Defrost Models with PSC Motors - 208-230/1/60</b>					
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

### Need a Reverse Cycle Kit?

Look on page 46 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. 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
<b>Room Thermostats</b>			
2891040	Room Thermostat	309	-
28963301	Electronic Room Thermostat	502	-
<b>Defrost Controls</b>			
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
<b>Check Valves</b>			
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	-
<b>Drain Line Heaters</b>			
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	-
<b>Heat Exchangers</b>			
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

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