

Low Temperature

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Copeland Representative for international availability.

Performance			Mechanical					
Evaporator Temp. (°F)	-25.00	-40	Displacement (in ³ /Rev):	8.11				
Condensing Temp. (°F)	105.00	105	Displacement (ft ³ /Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	16.69				
Liquid Temp. (°F)	105.00	105	Overall Width (in):	12.00				
Capacity (BTU/hr)	4980	3230	Overall Height (in):	12.78				
Power (W):	1230	1000	Mounting Length (in):	10.06				
Current (Amps):	6.1	5	Mounting Width (in):	10.50				
EER(BTU/Wh):	4	3.2	Mounting Height (in):	13.81				
Mass Flow (lbs/hr):	91	59	Suction Size (in),Type:	7 / 8 Sweat				
Sound Data @			Discharge Size (in),Type:	1 / 2				
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	60				
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	55				
Record Date:	2002-08-02		Oil Type:	ABO				
			Net Weight (lbs):	168.0				
			Internal Free Volume (in ³):					
			Horse Power:					
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):	44.0		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	8.3							
Max Operating Current (Amps):								
RLA, MCC/1.4(use for contactor selection)(Amps):	5.9							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	5.3							
RPM:								
Box IP :								
UL File No:								
UL File Date:	1984-09-10							

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant

Voltage

Phase

Frequency

Application