

Performance			Mechanical					
Evaporator Temp. (°F)	-25.00	-40	Displacement (in^3/Rev):		14.87			
Condensing Temp. (°F)	105.00	105	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):		14.33			
Liquid Temp. (°F)	105.00	105	Overall Width (in):		12.32			
Capacity (BTU/hr)	48000	32700	Overall Height (in):		21.71			
Power (W):	9650	8950	Mounting Length (in):		7.50			
Current (Amps):	18.1	17.2	Mounting Width (in):		7.50			
EER(BTU/Wh):	5	3.7	Mounting Height (in):		23.00			
Mass Flow (lbs/hr):	855	580	Suction Size (in),Type:		1 3 / 4 Rotalock			
Sound Data @ -25 / 105			Discharge Size (in),Type:		1 1 / 4 Rotalock			
Sound Power (dBA):	88 Avg	93 Max	Initial Oil Charge (oz):		114			
Vibration mils(peak-peak):	3.0 Avg	4.5 Max	Oil Recharge (oz):		110			
Record Date:	2023-05-19		Oil Type:		POE			
			Net Weight (lbs):		146.0			
			Internal Free Volume (in^3):		*Overall compressor height on Copeland Brand Product's specified mounting grommets.			
Electrical			Capacitors					
LRA High* (Amps):	220		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):	40.5							
Max Operating Current (Amps):	40.60							
RLA, MCC/1.4(use for contactor selection)(Amps):	28.9							
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	26.0							
RPM:	3500							
Box IP :	54							
UL File No:	SA2337-20120117							
UL File Date:	2012-01-17							



European Pressure Equipment Directive (PED):

Fluid Group**:	FG 2
PS Low / High Side (BAR):	22.6 / 32.0
TS Min (°C):	-35 / -35
TS Max (°C):	50 / 150

Volume (L) :

*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
R-404A HFC	380/400	3	60	Low Temp, Economized
R-407A HFC	380/400	3	60	Low Temp, Liquid Injected
R-407A HFC	380/400	3	60	Low Temp, Economized
R-407C HFC	380/400	3	60	Low Temp, Liquid Injected
R-407C HFC	380/400	3	60	Low Temp, Economized
R-448A HFO	380/400	3	60	Low Temp, Liquid Injected
R-448A HFO	380/400	3	60	Low Temp, Economized
R-449A HFO	380/400	3	60	Low Temp, Liquid Injected
R-449A HFO	380/400	3	60	Low Temp, Economized
R-507 HFC	380/400	3	60	Low Temp, Liquid Injected
R-507 HFC	380/400	3	60	Low Temp, Economized