

HFC, R-407C, 60 Hz, 1 - Phase, 208/230 V

Air Conditioning

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance			Mechanical					
Evaporator Temp. (°F)	45.00	50	Displacement (in^3/Rev):			2.36		
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	70	Overall Length (in):			9.50		
Liquid Temp. (°F)	115.00	85	Overall Width (in):			9.50		
Capacity (BTU/hr)	27300	36600	Overall Height (in):			15.86		
Power (W):	2660	1720	Mounting Length (in):			7.50		
Current (Amps):	11.3	7.75	Mounting Width (in):			7.50		
EER(BTU/Wh):	10.25	21.25	Mounting Height (in):			16.08		
Mass Flow (lbs/hr):	397	450	Suction Size (in),Type:			3 / 4 Stub		
Sound Data @ 45 / 130			Discharge Size (in),Type:			1 / 2 Stub		
Sound Power (dBA):	68 Avg	73 Max	Initial Oil Charge (oz):			25		
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):			19		
Record Date:	2015-10-12		Oil Type:			3MA		
			Net Weight (lbs):			49.6		
			Internal Free Volume (in^3):			118.0		
			Horse Power:			2.5		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		75.0	Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA Low*(Amps):			Run Capacitor	014-0064-25	45.0	0.0	370	
LRA Half Winding (Amps):								
MCC (Amps):		22	Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL
Max Operating Current (Amps):		16.0						
RLA, MCC/1.4(use for contactor selection)(Amps):		15.7						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		14.1						
RPM:		3500						
Box IP :		21						
UL File No:		SA-2337						
UL File Date:								
*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
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