

3ABB-032E-CAB

HFC, R-404A, 60 Hz, 1 - Phase, 230 V

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 Emerson Climate Technologies Representative for international availability.

Performance			Mechanical					
Evaporator Temp. (°F)	-25.00	-40	Displacement (in ³ /Rev):		8.64			
Condensing Temp. (°F)	105.00	105	Displacement (ft ³ /Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):		18.63			
Liquid Temp. (°F)	105.00	105	Overall Width (in):		13.00			
Capacity (BTU/hr)	8530	5040	Overall Height (in):		12.69			
Power (W):	2150	1760	Mounting Length (in):		11.63			
Current (Amps):	9.85	8.15	Mounting Width (in):		11.00			
EER(BTU/Wh):	4	2.9	Mounting Height (in):		13.72			
Mass Flow (lbs/hr):	153	90	Suction Size (in),Type:		1 1 / 8 Sweat			
Sound Data @			Discharge Size (in),Type:		5 / 8 Flare			
Sound Power (dBA):	Avg	Max	Initial Oil Charge (oz):		70			
Vibration mils(peak-peak):			Oil Recharge (oz):		65			
Record Date:	2008-04-15		Oil Type:		POE			
			Net Weight (lbs):		178.0			
			Internal Free Volume (in ³):					
			Horse Power:					
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		86.0	Type	Part No	Low MFD	High MFD	Volt s	User Description
LRA Low*(Amps):			Run Capacitor	014-0064-14	40.0	0.0	440	COPE COMP
LRA Half Winding (Amps):			Start Capacitor	014-0006-13	189.0	227.0	330	COPE COMP
MCC (Amps):		20.6						
Max Operating Current (Amps):								
RLA, MCC/1.4(use for contactor selection)(Amps):		14.7						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		13.2						
RPM:								
Box IP :								
UL File No:		SA-2337						
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
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