

ZB38KQE-PFV
HFC, R-404A, 60 Hz, 1 - Phase, 208/230 V
Medium Temperature
Production Status: Asia Use Only

Performance			Mechanical	
Evaporator Temp. (°F)	20.00	45	Displacement (in^3/Rev):	5.04
Condensing Temp. (°F)	120.00	130	Displacement (ft^3/Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.75
Liquid Temp. (°F)	120.00	130	Overall Width (in):	9.81
Capacity (BTU/hr)	36700	53500	Overall Height (in):	17.23
Power (W):	5450	6250	Mounting Length (in):	7.50
Current (Amps):	26.1	29.6	Mounting Width (in):	7.50
EER(BTU/Wh):	6.7	8.5	Mounting Height (in):	18.00
Mass Flow (lbs/hr):	775	1310	Suction Size (in),Type:	1 1 / 4 Rotalock
Sound Data @			Discharge Size (in),Type:	1 Rotalock
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	66
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	64
Record Date:	2006-08-24		Oil Type:	POE
			Net Weight (lbs):	92.0
			Internal Free Volume (in^3):	225.0
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	144	Type	Part No	Low MFD	High MFD	Volt s User Description
LRA Low*(Amps):		Run Capacitor	014-0064-27	80.0	0.0	370
LRA Half Winding (Amps):		Start Capacitor	014-0006-15	270.0	324.0	330
MCC (Amps):	43.1					
Max Operating Current (Amps):	35.70					
RLA, MCC/1.4(use for contactor selection)(Amps):	30.8					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	27.6					
RPM:	3500					
Box IP :	21					
UL File No:	SA2337-20031216					
UL File Date:	2003-12-16					

*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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