

ZP54K3E-PFV

HFC, R-410A, 60 Hz, 1 - Phase, 208/230 V

Air Conditioning

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Performance			Mechanical	
Evaporator Temp. (°F)	45.00	45	Displacement (in ³ /Rev):	3.13
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.70
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.80
Capacity (BTU/hr)	54500	67500	Overall Height (in):	17.40
Power (W):	5300	3570	Mounting Length (in):	7.50
Current (Amps):	23.6	16.1	Mounting Width (in):	7.50
EER(BTU/Wh):	10.3	18.9	Mounting Height (in):	18.20
Mass Flow (lbs/hr):	805	835	Suction Size (in),Type:	1 1 / 4 Rotalock
Sound Data @ 45 / 130			Discharge Size (in),Type:	1 Rotalock
Sound Power (dBA):	72 Avg	77 Max	Initial Oil Charge (oz):	56
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	52
Record Date:	2015-10-12		Oil Type:	3MA
			Net Weight (lbs):	97.0
			Internal Free Volume (in ³):	230.0

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical		Capacitors				
		Type	Part No	Low MFD	High MFD	Volt s User Description
LRA High* (Amps):	158					
LRA Low*(Amps):		Run Capacitor	014-0064-27	80.0	0.0	370
LRA Half Winding (Amps):						
MCC (Amps):	43					
Max Operating Current (Amps):	34.00					
RLA, MCC/1.4(use for contactor selection)(Amps):	30.7					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	27.6					
RPM:	3500					
Box IP :	21					
UL File No:	SA2337-19930726					
UL File Date:	1993-07-26					

*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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