ZP54K5E-PFV
HFC, R-410A, 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

Evaporator Temp. (°F)	45.00	50
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	70
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	54000	74000
Power (W):	5150	3460
Current (Amps):	22.5	15.4
EER(BTU/Wh):	10.5	21.4
Mass Flow (lbs/hr):	800	910
Sound Data @ 45 / 130		
Sound Power (dBA):	68 Avg	73 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2017-03-01	

Mechanical

Displacement (in^3/Rev):	3.12
Displacement (ft^3/Hr):	
Overall Length (in):	9.56
Overall Width (in):	9.56
Overall Height (in):	16.94
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.17
Suction Size (in),Type:	7 / 8 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	42
Oil Recharge (oz):	36
Oil Type:	3MA
Net Weight (lbs):	75.6
Internal Free Volume (in^3):	176.9
Horse Power:	

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

Electrical

LRA High* (Amps):	134.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	41
Max Operating Current (Amps):	36.0
RLA, MCC/1.4(use for contactor selection)(Amps):	29.3
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	26.3
RPM:	3500
Box IP :	21
UL File No:	SA-2337
UL File Date:	2003-12-17

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Run Capacitor	014-0064-27	80.0	0.0	370	
Start Capacitor	014-0061-27	88.0	106.0	330	OPTIONAL

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application