ZR40K3E-PFJ
HFC, R-407C, 50 Hz, 1 - Phase, 220/240 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	45
Condensing Temp. (°F)	130.00	100
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	115.00	85
Capacity (BTU/hr)	31800	38900
Power (W):	3040	2000
Current (Amps):	14.3	9.7
EER(BTU/Wh):	10.5	19.4
Mass Flow (lbs/hr):	462	482
Sound Data @		
Sound Power (dBA):	68 Avg	73 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2005-04-15	

Mechanical

Displacement (in^3/Rev):	3.31
Displacement (ft^3/Hr):	
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	16.25
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	16.50
Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	42
Oil Recharge (oz):	38
Oil Type:	3MA
Net Weight (lbs):	61.5
Internal Free Volume (in^3):	182.0
Horse Power:	

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

Electrical

LRA High* (Amps):	100.0
LRA Low*(Amps):	90.0
LRA Half Winding (Amps):	
MCC (Amps):	24
Max Operating Current (Amps):	23.1
RLA, MCC/1.4(use for contactor selection)(Amps):	17.1
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	15.4
RPM:	2900
Box IP :	21
UL File No:	SA-2337
UL File Date:	2014-03-21

*Low and High refer to the low and high nominal voltage ranges for

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Run Capacitor	014-0054-39	55.0	0.0	370	
Run Capacitor	014-0064-17	55.0	0.0	440	
Run Capacitor	014-0064-28	55.0	0.0	370	

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which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	265	1	60	Air Conditioning
R-134a HFC	220/240	1	50	Air Conditioning
R-407C HFC	265	1	60	Air Conditioning

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