

ZR28K3E-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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	22700	27800
Power (Watts):	2190	1450
Current (Amps):	10.40	7.10
EER (Btu/Wh):	10.30	19.20
Mass Flow (lbs/hr):	330	345
<u>Sound Data</u>		
Sound Power (dBA):	65 Avg	70 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2005-04-15	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	2.39
Bore Size(in):	0.00	Displ(ft^3/hr):	241.16
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	14.84	Mounting Height (in):	15.08 *
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	34		
Initial Oil Charge (oz):	38		
Net Weight (lbs):	60		
Internal Free Volume (in^3):	175.0		
Horse Power:	2.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	61.0	MCC (Amps):	18.0	UL File No:	
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA Low*:	56.0	Max Operating Current:	14.8		
RLA(=MCC/1.4;use for contactor selection):		12.9			
RLA(=MCC/1.56;use for breaker & wire size)		11.5			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					
Type	Part No	Low	High	Volts	User Description
Run Capacitor	014-0054-36	45.0	0.0	370	ALTERNATE
Run Capacitor	014-0064-25	45.0	0.0	370	

Alternate Applications

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

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