ZR48K5E-TFD

HFC, R-407C, 60Hz, 3- Phase, 460 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	50 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	70.0 / 85.0
Capacity (Btu/hr)	46800	62400
Power (Watts):	4220	2820
Current (Amps):	6.30	4.75
EER (Btu/Wh):	11.10	22.10
Mass Flow (lbs/hr):	680	769
Sound Power (dBA):	73 Avg	78 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2010-11-16	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	3.87
Bore Size(in):	0.00	Displ(ft^3/hr):	469.71
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):	16.94	Mounting Height (in):	17.17 *

Suction Size (in):	7/8 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	34
Initial Oil Charge (oz):	42
Net Weight (lbs):	64.2
Internal Free Volume (in^3):	211.3
Horse Power:	

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

Electrical

LRA-High*:	58.0	MCC (Amps):	11.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:	9.0		

RLA(=MCC/1.4;use for contactor selection): 7.9

RLA(=MCC/1.56;use for breaker & wire size selection): 7.1

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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	60	3	460	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning

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