

ZR57KC-TFD

HCFC, R-22, 50Hz, 3- Phase, 380/420 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 / 115	65 / 85
Capacity (Btu/hr)	47500	56000
Power (Watts):	4170	2950
Current (Amps):	7.80	6.00
EER (Btu/Wh):	11.40	19.00
Mass Flow (lbs/hr):	695	720
Sound Power (dBA):	71 Avg	76 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2002-03-07	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	4.71
Bore Size(in):	0.00	Displ(ft^3/hr):	474.27
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):	17.75	Mounting Height (in):	18.00 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	62		
Initial Oil Charge (oz):	66		
Net Weight (lbs):	80		
Internal Free Volume (in^3):	275.0		
Horse Power:	4.75		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	61.8	MCC (Amps):	11.6	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	55.5	Max Operating Current:	11.0		
RLA(=MCC/1.4;use for contactor selection):		8.3			
RLA(=MCC/1.56;use for breaker & wire size		7.4			
*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	380/460	Air Conditioning

LineID:COPELAND.EMERSON
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