ZR57KC-TFD

HCFC, R-22, 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	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	57500	68000
Power (Watts):	5000	3660
Current (Amps):	7.70	6.30
EER (Btu/Wh):	11.50	18.60
Mass Flow (lbs/hr):	845	875
Sound Power (dBA):	74 Avg	79 Max
Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	2002-03-07	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	4.71
Bore Size(in):	0.00	Displ(ft^3/hr):	572.40
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*:	59.6	MCC (Amps):	11.6	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1993
LRA Low*:		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	50	3	380/420	Air Conditioning

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