

## ZR72KC-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)	60500	71500
Power (Watts):	5200	3600
Current (Amps):	8.80	6.70
EER (Btu/Wh):	11.70	19.80
Mass Flow (lbs/hr):	885	920
Sound Power (dBA):	72 Avg	77 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2009-04-23	3.0 Max

### Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	5.98
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	602.45
Stroke(in):	0.00		
Overall Length (in):	9.48	Mounting Length (in):	7.50
Overall Width (in):	9.71	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):		56	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		85	
Internal Free Volume (in <sup>3</sup> ):		248.0	
Horse Power:		6	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

### Electrical

LRA-High*:	74.0	MCC (Amps):	14.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	67.0	Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		10			
RLA(=MCC/1.56;use for breaker & wire size		9			
*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

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