

ZR68KC-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 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)	70000	82000
Power (Watts):	5950	4250
Current (Amps):	17.50	13.60
EER (Btu/Wh):	11.80	19.30
Mass Flow (lbs/hr):	1030	1060
Sound Power (dBA):	75 Avg	80 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2004-03-11	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	5.68
Bore Size(in):	0.00	Displ(ft^3/hr):	689.79
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):	56		
Initial Oil Charge (oz):	60		
Net Weight (lbs):	86		
Internal Free Volume (in^3):	248.0		
Horse Power:	5.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	156.0	MCC (Amps):	29.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1993
LRA Low*:		Max Operating Current:	25.0		
RLA(=MCC/1.4;use for contactor selection):	20.7				
RLA(=MCC/1.56;use for breaker & wire size selection):	18.6				
*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	200/220	Air Conditioning