

ZR68KCE-TFD

HCFC, R-22, 60 Hz, 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

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>45 / 100</u>
<u>RG(°F)/Liq(°F)</u>	<u>65.0 / 115.0</u>	<u>65.0 / 85.0</u>
Capacity (Btu/hr)	70000	82000
Power (W):	5950	4250
Current (Amps):	8.70	6.80
EER (Btu/Wh):	11.80	19.30
Mass Flow (lbs/hr):	1030	1060
Sound Power (dBA):	75 Avg	80 Max
Vibration mils(peak- Record Date:	2.0 Avg 2014-03-06	3.0 Max

Mechanical

Number of Cylinders:	0	Displacment(in ³ /Rev):	5.68
Bore Size(in):	0.00	Displacment(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),Type:		7/8 Stub	
Discharge Size (in),Type:		1/2 Stub	
Oil Recharge (oz):		56	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		86	
Internal Free Volume (in ³):		362.0	
Horse Power:		5.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	75.0	MCC (Amps):	14.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	26-Jul-1993
LRA Low* (Amp):		Max Operating Current	12.1		
RLA, MCC/1.4;use for contactor selection (Amp):		10			
RLA, MCC/1.56;use for breaker & wire size selection		9			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-134a HFC	50	3	380/420	Air Conditioning
R-134a HFC	60	3	460	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning