

ZR108KCE-TF5

HFC, R-407C, 60 Hz, 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

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>35 / 120</u>
<u>RG(°F)/Liq(°F)</u>	<u>65.0 / 115.0</u>	<u>55.0 / 105.0</u>
Capacity (Btu/hr)	106000	91200
Power (W):	9220	8110
Current (Amps):	28.00	25.40
EER (Btu/Wh):	11.50	11.25
Mass Flow (lbs/hr):	1545	1275
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak-)	3.0 Avg	4.0 Max
Record Date:	2017-03-22	

Mechanical

Number of Cylinders:	0	Displacment(in ³ /Rev):	8.72
Bore Size(in):	0.00	Displacment(ft ³ /hr):	1059.85
Stroke(in):	0.00		
Overall Length (in):	10.38	Mounting Length (in):	7.50
Overall Width (in):	11.23	Mounting Width (in):	7.50
Overall Height (in):	21.00	Mounting Height (in):	21.75 *
Suction Size (in),Type:	1 3/8 Stub		
Discharge Size (in),Type:	7/8 Stub		
Oil Recharge (oz):	106		
Initial Oil Charge (oz):	110		
Net Weight (lbs):	132		
Internal Free Volume (in ³):	809.0		
Horse Power:	9		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	225.0	MCC (Amps):	47.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low* (Amp):		Max Operating Current	35.5		
RLA, MCC/1.4;use for contactor selection (Amp):	33.6				
RLA, MCC/1.56;use for breaker & wire size selection	30.1				
*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	200/220	Air Conditioning
R-134a HFC	60	3	200/230	Air Conditioning
R-407C HFC	50	3	200/220	Air Conditioning