

ZR94KC-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>35 / 120</u>
<u>RG(°F)/Liq(°F)</u>	<u>65.0 / 115.0</u>	<u>55.0 / 105.0</u>
Capacity (Btu/hr)	96500	84000
Power (W):	8200	7300
Current (Amps):	12.80	11.90
EER (Btu/Wh):	11.80	11.50
Mass Flow (lbs/hr):	1410	1190
Sound Power (dBA):	78 Avg	83 Max
Vibration mils(peak-)	2.5 Avg	4.0 Max
Record Date:	2016-06-10	

Mechanical

Number of Cylinders:	0	Displacement(in ³ /Rev):	7.76
Bore Size(in):	0.00	Displacement(ft ³ /hr):	942.81
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):	18.75	Mounting Height (in):	19.50 *
Suction Size (in),Type:	1 1/8 Stub		
Discharge Size (in),Type:	7/8 Stub		
Oil Recharge (oz):	81		
Initial Oil Charge (oz):	85		
Net Weight (lbs):	126		
Internal Free Volume (in ³):	639.0		
Horse Power:	8		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	95.0	MCC (Amps):	23.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low* (Amp):		Max Operating Current	15.6		
RLA, MCC/1.4;use for contactor selection (Amp):	16.4				
RLA, MCC/1.56;use for breaker & wire size selection	14.7				
*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-22 HCFC	50	3	380/420	Air Conditioning