ZR94KC-TFD

HCFC, R-22, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65 / 115	65 / 85
Capacity (Btu/hr)	96500	113000
Power (Watts):	8200	5950
Current (Amps):	12.80	10.40
EER (Btu/Wh):	11.80	19.00
Mass Flow (lbs/hr):	1410	1460
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-	2.5 Avg	4.0 Max
Record Date:	2005-07-15	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	7.76
Bore Size(in):	0.00	Displ(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):	1 1/8 Stub
Discharge Size (in):	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*:	95.0	MCC (Amps):	23.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	15.6		
RLA(=MCC/1.4;use for contactor selection):		16.4			
RLA(=MCC/1.56;use for breaker & wire size		14.7			

*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	380/420	Air Conditioning

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