ZB76KCE-TFD

HCFC, R-22, 60Hz, 3- Phase, 460 V
High Temperature

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	20 / 120
RG(°F)/Liq(°F)	65 / 130	65 / 120
Capacity (Btu/hr)	119000	77500
Power (Watts):	10900	9550
Current (Amps):	16.30	14.70
EER (Btu/Wh):	10.90	8.10
Mass Flow (lbs/hr):	1880	1120
Sound Power (dBA):	80 Avg	85 Max
Vibration (mils(peak-	3.0 Avg	4.0 Max
Record Date:	2004-07-27	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	10.20
Bore Size(in):	0.00	Displ(ft^3/hr):	1239.34
Stroke(in):	0.00		
Overall Length (in):	10.38	Mounting Length (in):	7.50
Overall Width (in):	11.19	Mounting Width (in):	7.50
Overall Height (in):	21.50	Mounting Height (in):	21.75 *

Suction Size (in):	1 3/8 Stub
Discharge Size (in):	7/8 Stub
Oil Recharge (oz):	106
Initial Oil Charge (oz):	110
Net Weight (lbs):	135
Internal Free Volume (in^3):	809.0
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*:	125.0	MCC (Amps):	26.9	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	20.4		
RLA(=MCC/1.4;use for contactor selection):		19.2			
RLA(=MCC/1.56;use for breaker & wire size		17.2			

*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-134a HFC	60	3	460	High Temperature
R-404A HFC	60	3	460	Medium Temperature
R-407C HFC	60	3	460	High Temperature
R-507 HFC	60	3	460	Medium Temperature
R-134a HFC	50	3	380/420	High Temperature
R-22 HCFC	50	3	380/420	High Temperature
R-404A HFC	50	3	380/420	Medium Temperature
R-407C HFC	50	3	380/420	High Temperature
R-507 HFC	50	3	380/420	Medium Temperature

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