

ZB38KCE-TFD

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

High Temp

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)	65.0 / 130.0	65.0 / 120.0
Capacity (Btu/hr)	57500	37000
Power (W):	5400	4700
Current (Amps):	8.30	7.50
EER (Btu/Wh):	10.60	7.90
Mass Flow (lbs/hr):	905	540
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-)	2.0 Avg	3.0 Max
Record Date:	2009-10-14	

Mechanical

Number of Cylinders:	0	Displacement(in ³ /Rev):	5.04
Bore Size(in):	0.00	Displacement(ft ³ /hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	9.67	Mounting Length (in):	7.50
Overall Width (in):	10.12	Mounting Width (in):	7.50
Overall Height (in):	17.23	Mounting Height (in):	17.98 *
Suction Size (in),Type:	7/8 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	60		
Initial Oil Charge (oz):	64		
Net Weight (lbs):	82		
Internal Free Volume (in ³):	256.0		
Horse Power:	5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	63.0	MCC (Amps):	12.5	UL File No:	
LRA-Half Winding		RPM:	3500	UL File Date:	15-Jun-1994
LRA Low* (Amp):		Max Operating Current	12.8		
RLA, MCC/1.4;use for contactor selection (Amp):	8.9				
RLA, MCC/1.56;use for breaker & wire size selection	8				
*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 Temp
R-134a HFC	50	3	380/420	High Temp
R-404A HFC	60	3	460	Medium Temperature
R-404A HFC	50	3	380/420	Medium Temperature
R-507 HFC	60	3	460	Medium Temperature
R-507 HFC	50	3	380/420	Medium Temperature
R-22 HCFC	50	3	380/420	High Temp
R-407C HFC	60	3	460	High Temp
R-407C HFC	50	3	380/420	High Temp
R-407A HFC	60	3	460	Medium Temperature

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407A HFC	50	3	380/420	Medium Temperature
R-407F HFC	60	3	460	Medium Temperature
R-407F HFC	50	3	380/420	Medium Temperature
R-448A HFO	60	3	460	Medium Temperature
R-448A HFO	50	3	380/420	Medium Temperature
R-449A HFO	50	3	380/420	Medium Temperature
R-449A HFO	60	3	460	Medium Temperature