

ZB58KCE-TF5

HCFC, R-22, 60Hz, 3- Phase, 200/230 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)	89500	56000
Power (Watts):	8200	7250
Current (Amps):	24.90	22.80
EER (Btu/Wh):	10.90	7.70
Mass Flow (lbs/hr):	1410	815
Sound Power (dBA):	82 Avg	87 Max
Vibration (mils(peak-peak)):	3.0 Avg	4.0 Max
Record Date:	2004-07-27	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	7.76
Bore Size(in):	0.00	Displ(ft ³ /hr):	942.69
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):	18.80	Mounting Height (in):	19.57 *
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*:	195.0	MCC (Amps):	45.0	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	35.4		
RLA(=MCC/1.4;use for contactor selection):			32.1		
RLA(=MCC/1.56;use for breaker & wire size selection):			28.8		
*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-22 HCFC	50	3	200/220	High Temp
R-134a HFC	50	3	200/220	High Temp
R-404A HFC	50	3	200/220	Medium Temperature
R-507 HFC	50	3	200/220	Medium Temperature
R-407C HFC	50	3	200/220	High Temp
R-134a HFC	60	3	200/230	High Temp
R-404A HFC	60	3	200/230	Medium Temperature
R-507 HFC	60	3	200/230	Medium Temperature
R-407C HFC	60	3	200/230	High Temp