

ZB58KQE-TFD

HFC, R-404A, 50Hz, 3- Phase, 380/420 V

Medium Temperature



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°C)/Cond(°C)	-6.7 / 48.9	7.2 / 54.4
RG(°C)/Liq(°C)	18.3 / 48.9	18.3 / 21.1
Capacity (Watts)	14050	20300
Power (Watts):	6910	7790
Current (Amps):	12.90	14.00
EER (COP):	2.02	2.61
Mass Flow (g/s):	127	214
Sound Power (dBA):	10 Avg	10 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.076 Avg	0.102 Max
	2009-02-13	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	125.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	22.12
Stroke(mm):	0.00		
Overall Length	263.6	Mounting Length (mm):	190.50
Overall Width	284.2	Mounting Width (mm):	190.50
Overall Height	477.5	Mounting Height (mm):	497.0 *
Suction Size (mm):		1 1/8 Stub	
Discharge Size (mm):		7/8 Stub	
Oil Recharge (liter):		2	
Initial Oil Charge (liter):		3	
Net Weight (kg):		57.15	
Internal Free Volume (cm ³):		10.224	
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:	
LRA-Half Winding:		RPM:		UL File Date:	27-Sep-1996
LRA Low*:	86.0	Max Operating Current:	15.9		
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-134a HFC	60	3	460	
R-22 HCFC	60	3	460	High Temperature, Low
R-507 HFC	60	3	460	Medium Temp, Low Condensing
R-134a HFC	50	3	380/420	
R-22 HCFC	50	3	380/420	High Temperature, Low
R-507 HFC	50	3	380/420	Medium Temp, Low Condensing