

ZB76KQE-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)	<u>-6.7 / 48.9</u>	<u>7.2 / 54.4</u>
RG(°C)/Liq(°C)	<u>18.3 / 48.9</u>	<u>18.3 / 21.1</u>
Capacity (Watts)	18700	26800
Power (Watts):	8980	10200
Current (Amps):	16.20	17.90
EER (COP):	2.08	2.64
Mass Flow (g/s):	170	283
Sound Power (dBA):	9 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):	164.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	29.08
Stroke(mm):	0.00		
Overall Length	263.6	Mounting Length (mm):	190.50
Overall Width	284.2	Mounting Width (mm):	190.50
Overall Height	546.1	Mounting Height (mm):	552.4 *
Suction Size (mm):		1 3/8 Stub	
Discharge Size (mm):		7/8 Stub	
Oil Recharge (liter):		3	
Initial Oil Charge (liter):		3	
Net Weight (kg):		61.23	
Internal Free Volume (cm ³):		12.944	
Horse Power:		10	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	118.0	MCC (Amps):	28.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	27-Sep-1996
LRA Low*:	110.0	Max Operating Current:	20.4		
RLA(=MCC/1.4;use for contactor selection):			20		
RLA(=MCC/1.56;use for breaker & wire size			17.9		
*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