

ZB45KQE-TFD

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



Production Status: China Use Only

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 / 54.4</u>
Capacity (Watts)	10550	15200
Power (Watts):	5200	5800
Current (Amps):	10.20	11.00
EER (COP):	2.02	2.61
Mass Flow (g/s):	96	160
Sound Power (dBA):	9 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2006-08-24	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	96.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	17.06
Stroke(mm):	0.00		
Overall Length	257.0	Mounting Length (mm):	190.50
Overall Width	245.6	Mounting Width (mm):	190.50
Overall Height	437.6	Mounting Height (mm):	456.6 *
Suction Size (mm):		7/8 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		2	
Initial Oil Charge (liter):		2	
Net Weight (kg):		39.46	
Internal Free Volume (cm ³):		5.792	
Horse Power:		6	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	74.0	MCC (Amps):	14.2	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	15-Jun-1994
LRA Low*:	67.0	Max Operating Current:	13.1		
RLA(=MCC/1.4;use for contactor selection):			10.1		
RLA(=MCC/1.56;use for breaker & wire size			9.1		
*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-404A HFC	60	3	460	Medium Temperature
R-507 HFC	60	3	460	
R-507 HFC	50	3	380/420	