

# ZB38KQE-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)	9000	12950
Power (Watts):	4590	5100
Current (Amps):	7.30	7.90
EER (COP):	1.96	2.52
Mass Flow (g/s):	82	137
Sound Power (dBA):	9 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Avg- Max	0.051 Avg	0.076 Max
Record Date:	2006-08-24	

## Mechanical

Number of Cylinders:	0	Displ(cm <sup>3</sup> /Rev):	81.00
Bore Size(mm):	0.00	Displ(meters <sup>3</sup> /hr):	14.37
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):		37.42	
Internal Free Volume (cm <sup>3</sup> ):		4.096	
Horse Power:		5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	65.5	MCC (Amps):	14.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	15-Jun-1994
LRA Low*:	58.6	Max Operating Current:	12.8		
RLA(=MCC/1.4;use for contactor selection):		10			
RLA(=MCC/1.56;use for breaker & wire size		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-404A HFC	60	3	460	Medium Temperature
R-507 HFC	60	3	460	
R-507 HFC	50	3	380/420	