

# ZB19KQE-TFD

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

Medium Temperature



**Production Status:** Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

## 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)	4400	6300
Power (Watts):	2290	2550
Current (Amps):	4.70	5.10
EER (COP):	1.90	2.46
Mass Flow (g/s):	40	67
Sound Power (dBA):	8 Avg	8 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2006-08-22	

## Mechanical

Number of Cylinders:	0	Displ(cm <sup>3</sup> /Rev):	39.00
Bore Size(mm):	0.00	Displ(meters <sup>3</sup> /hr):	6.83
Stroke(mm):	0.00		
Overall Length	241.3	Mounting Length (mm):	190.50
Overall Width	241.3	Mounting Width (mm):	190.50
Overall Height	382.0	Mounting Height (mm):	387.8 *
Suction Size (mm):		3/4 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		27.22	
Internal Free Volume (cm <sup>3</sup> ):		2.816	
Horse Power:		2.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	32.0	MCC (Amps):	7.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Feb-1995
LRA Low*:	30.0	Max Operating Current:	6.5		
RLA(=MCC/1.4;use for contactor selection):		5			
RLA(=MCC/1.56;use for breaker & wire size		4.5			
*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	