

ZB29KQE-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

<u>Evap(°C)/Cond(°C)</u>	<u>-6.7 / 48.9</u>	<u>7.2 / 54.4</u>
<u>RG(°C)/Liq(°C)</u>	<u>18.3 / 48.9</u>	<u>18.3 / 54.4</u>
Capacity (Watts)	7150	10250
Power (Watts):	3640	4050
Current (Amps):	7.70	8.40
EER (COP):	1.96	2.54
Mass Flow (g/s):	65	108
Sound Power (dBA):	8 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2008-03-06	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	64.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	11.40
Stroke(mm):	0.00		
Overall Length	241.8	Mounting Length (mm):	190.50
Overall Width	241.8	Mounting Width (mm):	190.50
Overall Height	430.5	Mounting Height (mm):	436.3 *
Suction Size (mm):		7/8 Stub	
Discharge Size (mm):		1/2 Stub	
Oil Recharge (liter):		1	
Initial Oil Charge (liter):		1	
Net Weight (kg):		32.66	
Internal Free Volume (cm ³):		3.04	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	50.0	MCC (Amps):	11.0	UL File No:
LRA-Half Winding:		RPM:		UL File Date:
LRA Low*:		Max Operating Current:	10.0	
RLA(=MCC/1.4;use for contactor selection):		7.9		
RLA(=MCC/1.56;use for breaker & wire size		7.1		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-404A HFC	60	3	460	Medium Temperature