

ZB21KQE-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)	-6.7 / 48.9	7.2 / 54.4
RG(°C)/Liq(°C)	18.3 / 48.9	18.3 / 54.4
Capacity (Watts)	5300	7550
Power (Watts):	2740	3060
Current (Amps):	4.90	5.30
EER (COP):	1.93	2.49
Mass Flow (g/s):	48	80
Sound Power (dBA):	8 Avg	9 Max
Vibration (mm(peak- Vibration (mm(peak- Record Date:	0.051 Avg	0.076 Max
	2006-08-23	

Mechanical

Number of Cylinders:	0	Displ(cm ³ /Rev):	49.00
Bore Size(mm):	0.00	Displ(meters ³ /hr):	8.61
Stroke(mm):	0.00		
Overall Length	241.3	Mounting Length (mm):	190.50
Overall Width	241.3	Mounting Width (mm):	190.50
Overall Height	404.6	Mounting Height (mm):	410.4 *
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 ³):		2.928	
Horse Power:		3	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	40.0	MCC (Amps):	10.3	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Feb-1995
LRA Low*:	36.0	Max Operating Current:	7.15		
RLA(=MCC/1.4;use for contactor selection):			7.4		
RLA(=MCC/1.56;use for breaker & wire size			6.6		
*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	