

ZB15KQE-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)	3450	4900
Power (Watts):	1990	2140
Current (Amps):	3.50	3.70
EER (COP):	1.73	2.29
Mass Flow (g/s):	31	52
Sound Power (dBA):	8 Avg	8 Max
Vibration (mm(peak- Record Date:	0.051 Avg 2006-08-22	0.076 Max

Mechanical

Number of Cylinders:	0	Displ(cm^3/Rev):	34.00
Bore Size(mm):	0.00	Displ(meters^3/hr):	5.92
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):	25.4		
Internal Free Volume (cm^3):	2.496		
Horse Power:	2		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	26.0	MCC (Amps):	7.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Feb-1995
LRA Low*:	24.5	Max Operating Current:	4.9		
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-22 HCFC	60	3	460	Medium Temperature
R-404A HFC	60	3	460	
R-507 HFC	60	3	460	
R-22 HCFC	50	3	380/420	
R-507 HFC	50	3	380/420	