

ZB38KQE-TFD

HFC, R-404A, 50 Hz, 3 - Phase, 380/420 V . [Also Available with Variable Frequency Drives](#)

Medium Temperature

Production Status: China Use Only

Performance			Mechanical	
Evaporator Temp. (°C)	-7	7	Displacement (cm ³ /Rev):	82.59
Condensing Temp. (°C)	49	54	Displacement (m ³ /Hr):	
Return Gas Temp. (°C)	18	18	Overall Length (mm):	248.92
Liquid Temp. (°C)	49	54	Overall Width (mm):	248.92
Capacity (Watts)	8997	12954	Overall Height (mm):	436.88
Power (W):	4590	5100	Mounting Length (mm):	190.50
Current (Amps):	7.2	7.8	Mounting Width (mm):	190.50
EER(BTU/Wh):	11.38	14.61	Mounting Height (mm):	457.20
Mass Flow (lbs/hr):	81.27	136.08	Suction Size (mm),Type:	279.40 / 101.60 Rotalock
Sound Data @			Discharge Size (mm),Type:	25.40 Rotalock
Sound Power (dBA):	72 Avg	77 Max	Initial Oil Charge (ml):	1951.88
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (ml):	1951.88
Record Date:	2011-06-27		Oil Type:	POE
			Net Weight (kg):	37.42
			Internal Free Volume (cm ³):	4195.07
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors					
		Type	Part No	Low MFD	High MFD	Volts	User Description
LRA High* (Amps):	65.5	No data available in table					
LRA Low*(Amps):	58.6						
LRA Half Winding (Amps):							
MCC (Amps):	13.5						
Max Operating Current (Amps):	12.80						
RLA, MCC/1.4(use for contactor selection)(Amps):	9.6						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	8.7						
RPM:	2900						
Box IP :	21						
UL File No:	SA2337-20031216						
UL File Date:	2003-12-16						

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-404A HFC	460	3	60	Medium Temperature