

ZB38KQE-TF5
HFC, R-404A, 60 Hz, 3 - Phase, 200/230 V , [Also Available with Variable Frequency Drives](#)
Medium Temperature
Production Status: Asia Use Only

Performance			Mechanical	
Evaporator Temp. (°F)	20.00	45	Displacement (in^3/Rev):	5.04
Condensing Temp. (°F)	120.00	130	Displacement (ft^3/Hr):	
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.80
Liquid Temp. (°F)	120.00	130	Overall Width (in):	9.80
Capacity (BTU/hr)	37000	53000	Overall Height (in):	17.20
Power (W):	5350	6050	Mounting Length (in):	7.50
Current (Amps):	16.5	18.2	Mounting Width (in):	7.50
EER(BTU/Wh):	6.9	8.8	Mounting Height (in):	18.00
Mass Flow (lbs/hr):	775	1300	Suction Size (in),Type:	1 1 / 4 Rotalock
Sound Data @			Discharge Size (in),Type:	1 Rotalock
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	66
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	66
Record Date:	2011-06-27		Oil Type:	POE
			Net Weight (lbs):	82.5
			Internal Free Volume (in^3):	256.0
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	128	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	33.6					
Max Operating Current (Amps):	22.40					
RLA, MCC/1.4(use for contactor selection)(Amps):	24.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	21.5					
RPM:	3500					
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	200/220	3	50	Medium Temperature