

ZB21KQE-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):			3.02		
Condensing Temp. (°F)	120.00	130	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):			9.55		
Liquid Temp. (°F)	120.00	130	Overall Width (in):			9.55		
Capacity (BTU/hr)	22100	31800	Overall Height (in):			15.21		
Power (W):	3260	3670	Mounting Length (in):			7.50		
Current (Amps):	9.8	10.7	Mounting Width (in):			7.50		
EER(BTU/Wh):	6.8	8.7	Mounting Height (in):			16.00		
Mass Flow (lbs/hr):	464	775	Suction Size (in),Type:			1 1 / 4 Rotalock		
Sound Data @			Discharge Size (in),Type:			1 Rotalock		
Sound Power (dBA):	71 Avg	76 Max	Initial Oil Charge (oz):			42		
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):			38		
Record Date:	2006-08-23		Oil Type:			POE		
			Net Weight (lbs):			60.0		
			Internal Free Volume (in^3):			145.0		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		77	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		17						
Max Operating Current (Amps):		14.30						
RLA, MCC/1.4(use for contactor selection)(Amps):		12.1						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		10.9						
RPM:		3500						
Box IP :		21						
UL File No:		SA2337-19950228						
UL File Date:		1995-02-28						
*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