

## ZB48KQE-TFD

HFC, R-404A, 50 Hz, 3 -Phase, 380/420 V

Medium Temperature

Production Status: China Use Only



### Performance

Evaporator Temp. (°F)	20	45
Condensing Temp. (°F)	120	130
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	130
Capacity (Btu/hr)	39600	56900
Power (W):	5710	6370
Current (Amps):	10.15	11.00
EER (Btu/Wh):	6.95	8.95
Mass Flow (lbs/hr):	836	1400
Sound Data @		
Sound Power (dBA):	73 Avg	78 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2017-03-22	

### Electrical

LRA-High*(Amp):	101.0
LRA Low* (Amp):	90.5
LRA-Half Winding (Amp):	
MCC (Amps):	19.1
Max Operating Current(Amp):	14.0
RLA, MCC/1.4;use for contactor selection (Amp):	13.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	12.2
RPM:	2900
UL File No:	
UL File Date:	1994-06-15
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

### Mechanical

Displacment(in^3/Rev):	6.58
Displacment(ft^3/hr):	662.26
Overall Length (in):	9.48
Overall Width (in):	9.71
Overall Height (in):	17.95
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.20 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	3/4 Stub
Initial Oil Charge (oz):	60
Oil Recharge (oz):	56
Net Weight (lbs):	86.0
Internal Free Volume (in^3):	258.0
Horse Power:	6.50
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

### Capacitors

### Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	460	3	60	Medium Temperature