

ZB45KQE-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)	36000	52000
Power (W):	5200	5800
Current (Amps):	10.20	11.00
EER (Btu/Wh):	6.90	8.90
Mass Flow (lbs/hr):	760	1270
<u>Sound Data @</u>		
Sound Power (dBA):	73 Avg	78 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2006-08-24	

Electrical

LRA-High*(Amp):	74.0
LRA Low* (Amp):	67.0
LRA-Half Winding (Amp):	
MCC (Amps):	14.2
Max Operating Current(Amp):	13.1
RLA, MCC/1.4;use for contactor selection (Amp):	10.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	9.1
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):	5.98
Displacment(ft^3/hr):	602.45
Overall Length (in):	10.12
Overall Width (in):	9.67
Overall Height (in):	17.23
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	17.98 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	60
Oil Recharge (oz):	56
Net Weight (lbs):	87.0
Internal Free Volume (in^3):	362.0
Horse Power:	6.00
*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