ZB66KCE-TFD

HFC, R-404A, 60Hz, 3- Phase, 460 V
Medium Temperature

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	20 / 120	45 / 130
RG(°F)/Liq(°F)	65.0 / 120.0	65.0 / 130.0
Capacity (Btu/hr)	65000	92500
Power (Watts):	9350	10600
Current (Amps):	14.25	15.80
EER (Btu/Wh):	7.00	8.70
Mass Flow (lbs/hr):	1360	2260
Sound Power (dBA):	80 Avg	85 Max
Vibration (mils(peak-peak)):	3.0 Avg	4.0 Max
Record Date:	2008-02-28	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	8.72
Bore Size(in):	0.00	Displ(ft^3/hr):	1059.85
Stroke(in):	0.00		
Overall Length (in):	10.38	Mounting Length (in):	7.50
Overall Width (in):	11.19	Mounting Width (in):	7.50
Overall Height (in):	21.50	Mounting Height (in):	21.75 *

Suction Size (in):	1 3/8 Stub
Discharge Size (in):	7/8 Stub
Oil Recharge (oz):	106
Initial Oil Charge (oz):	110
Net Weight (lbs):	132
Internal Free Volume (in^3):	809.0
Horse Power:	9

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*:	114.0	MCC (Amps):	24.5	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	17.5		

RLA(=MCC/1.4;use for contactor selection): 17.5
RLA(=MCC/1.56;use for breaker & wire size selection): 15.7

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

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-407F HFC	60	3	460	
R-407F HFC	50	3	380/420	
R-404A HFC	50	3	380/420	Medium Temperature
R-134a HFC	50	3	380/420	High Temp
R-507 HFC	50	3	380/420	Medium Temperature
R-134a HFC	60	3	460	High Temp
R-507 HFC	60	3	460	Medium Temperature
R-407C HFC	50	3	380/420	High Temp
R-22 HCFC	50	3	380/420	High Temp
R-407C HFC	60	3	460	High Temp

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	60	3	460	High Temp