

# ZB66KCE-TFD

HCFC, R-22, 60 Hz, 3- Phase, 460 V

High Temp

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

## Performance

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>20 / 120</u>
<u>RG(°F)/Liq(°F)</u>	<u>65.0 / 130.0</u>	<u>65.0 / 120.0</u>
Capacity (Btu/hr)	101000	65000
Power (W):	9200	8000
Current (Amps):	14.15	12.80
EER (Btu/Wh):	11.00	8.10
Mass Flow (lbs/hr):	1610	950
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak- Record Date:	3.0 Avg 2008-02-28	4.0 Max

## Mechanical

Number of Cylinders:	0	Displacement(in <sup>3</sup> /Rev):	8.72
Bore Size(in):	0.00	Displacement(ft <sup>3</sup> /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),Type:		1 3/8 Stub	
Discharge Size (in),Type:		7/8 Stub	
Oil Recharge (oz):		106	
Initial Oil Charge (oz):		110	
Net Weight (lbs):		132	
Internal Free Volume (in <sup>3</sup> ):		809.0	
Horse Power:		9	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	114.0	MCC (Amps):	24.2	UL File No:	
LRA-Half Winding		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low* (Amp):		Max Operating Current	17.5		
RLA, MCC/1.4;use for contactor selection (Amp):			17.3		
RLA, MCC/1.56;use for breaker & wire size selection			15.5		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

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