

**ZR72KCE-TFD**
**HCFC, R-22, 60 Hz, 3 - Phase, 460 V  
Air Conditioning**
**Production Status :**

Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies representative for international availability.

## Performance

## Mechanical

Evaporator Temp. (°F)	45	45	Displacement (in <sup>3</sup> /Rev):	5.98
Condensing Temp. (°F)	130	100	Displacement (ft <sup>3</sup> /hr):	727.10
Return Gas Temp. (°F)	65	65	Overall Length (in):	9.69
Liquid Temp. (°F)	115	85	Overall Width (in):	9.69
Capacity (Btu/hr):	73500	86000	Overall Height (in):	17.75
Power (W):	6250	4460	Mounting Length (in):	7.50
Current (Amps):	9.1	7.1	Mounting Width (in):	7.50
EER (Btu/Wh):	11.7	19.3	Mounting Height (in):	18.00 *
Mass Flow (lbs/hr):	1080	1110	Suction Size (in),Type:	7/8 Stub
<u>Sound Data @</u>			Discharge Size (in),Type:	1/2 Stub
Sound Power (dBA):	75 Avg	80 Max	Initial Oil Charge (oz):	60
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	56
Record Date:	2014-03-06		Net Weight (lbs):	85.0
			Internal Free Volume (in <sup>3</sup> ):	248.0
			Horse Power:	6.00
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

## Capacitors

LRA High* (Amp):	75.0	<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
LRA Low*(Amp):							
LRA Half Winding (Amp):							
MCC (Amps):	14.0						
Max Operating Current (Amp):	12.1						
RLA, MCC/1.4;use for contactor selection)(Amp):	10.0						
RLA, MCC/1.56;use for breaker & wire size selection)(Amp):	9.0						
RPM:	3500						
UL File No:	SA-2337						
UL File Date:	1993-07-26						
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.							

## Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Frequency</u>	<u>Application</u>
R-134a HFC	460	3	60	Air Conditioning
R-134a HFC	380/420	3	50	Air Conditioning
R-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	460	3	60	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning