

**ZR61K3E-TF5**
**HCFC, R-22, 60 Hz, 3 - Phase, 200/230 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):	5.04
Condensing Temp. (°F)	130	100	Displacement (ft <sup>3</sup> /hr):	612.50
Return Gas Temp. (°F)	65	65	Overall Length (in):	9.69
Liquid Temp. (°F)	115	85	Overall Width (in):	9.69
Capacity (Btu/hr):	62000	73000	Overall Height (in):	17.24
Power (W):	5350	3690	Mounting Length (in):	7.50
Current (Amps):	16.5	12.4	Mounting Width (in):	7.50
EER (Btu/Wh):	11.6	19.8	Mounting Height (in):	17.99 *
Mass Flow (lbs/hr):	910	940	Suction Size (in),Type:	7/8 Stub
<u>Sound Data @</u>			Discharge Size (in),Type:	1/2 Stub
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	66
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	62
Record Date:	2014-03-06		Net Weight (lbs):	84.0
			Internal Free Volume (in <sup>3</sup> ):	257.0
			Horse Power:	5.00
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

**Electrical****Capacitors**

LRA High* (Amp):	137.0	<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):	27.0						
Max Operating Current (Amp):	19.4						
RLA, MCC/1.4;use for contactor selection)(Amp):	19.3						
RLA, MCC/1.56;use for breaker & wire size selection)(Amp):	17.3						
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-22 HCFC	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning