

## ZR61K3E-TFD

HCFC, R-22, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	62000	74000
Power (Watts):	5350	3690
Current (Amps):	7.80	5.90
EER (Btu/Wh):	11.60	20.00
Mass Flow (lbs/hr):	910	955
Sound Power (dBA):	74 Avg	79 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2014-03-06	

### Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	5.04
Bore Size(in):	0.00	Displ(ft^3/hr):	612.50
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	17.24	Mounting Height (in):	17.99 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	62		
Initial Oil Charge (oz):	66		
Net Weight (lbs):	84		
Internal Free Volume (in^3):	257.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

### Electrical

LRA-High*:	62.0	MCC (Amps):	12.8	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1993
LRA Low*:		Max Operating Current:	9.6		
RLA(=MCC/1.4;use for contactor selection):	9.1				
RLA(=MCC/1.56;use for breaker & wire size selection):	8.2				
*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-407C HFC	60	3	460	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning