

# ZR61KCE-TFE

HFC, R-134a, 60 Hz, 3 -Phase, 575 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

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	41500	49300
Power (W):	3710	2680
Current (Amps):	5.20	4.50
EER (Btu/Wh):	11.20	18.40
Mass Flow (lbs/hr):	660	670
<u>Sound Data @</u>		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	2.0 Avg	3.0 Max
Record Date:	2007-03-27	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	5.04
Displacment(ft <sup>3</sup> /hr):	612.50
Overall Length (in):	9.69
Overall Width (in):	9.69
Overall Height (in):	17.75
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	18.00 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	66
Oil Recharge (oz):	62
Net Weight (lbs):	80.0
Internal Free Volume (in <sup>3</sup> ):	272.0
Horse Power:	5.00

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

## Electrical

LRA-High*(Amp):	49.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.3
Max Operating Current(Amp):	8.3
RLA, MCC/1.4;use for contactor selection (Amp):	7.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.6
RPM:	3500
UL File No:	
UL File Date:	1993-07-26

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

## Capacitors

## Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-407C HFC	575	3	60	Air Conditioning