

# ZR94KCE-TF5

HFC, R-134a, 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

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	64000	78000
Power (W):	5700	4120
Current (Amps):	22.80	19.15
EER (Btu/Wh):	11.20	18.95
Mass Flow (lbs/hr):	1015	1060
<u>Sound Data @</u>		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2011-05-27	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	7.76
Displacment(ft <sup>3</sup> /hr):	942.81
Overall Length (in):	10.38
Overall Width (in):	11.23
Overall Height (in):	18.75
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	19.50 *
Suction Size (in),Type:	1 1/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	85
Oil Recharge (oz):	81
Net Weight (lbs):	125.0
Internal Free Volume (in <sup>3</sup> ):	639.0
Horse Power:	8.00

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

## Electrical

LRA-High*(Amp):	195.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	39.5
Max Operating Current(Amp):	31.8
RLA, MCC/1.4;use for contactor selection (Amp):	28.2
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	25.3
RPM:	3500
UL File No:	SA-2337
UL File Date:	1996-09-27

\*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-134a HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning