

ZRD94KCE-TF5

HFC, R-407C, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	92000	110000
Power (Watts):	8150	5600
Current (Amps):	25.80	19.30
EER (Btu/Wh):	11.30	19.50
Mass Flow (lbs/hr):	1340	1360
Sound Power (dBA):	78 Avg	83 Max
Vibration (mils(peak-peak)):	2.5 Avg	4.0 Max
Record Date:	2010-12-23	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	7.76
Bore Size(in):	0.00	Displ(ft ³ /hr):	942.69
Stroke(in):	0.00		
Overall Length (in):	11.54	Mounting Length (in):	7.50
Overall Width (in):	11.23	Mounting Width (in):	7.50
Overall Height (in):	18.75	Mounting Height (in):	19.50 *
Suction Size (in):	1 1/8 Stub		
Discharge Size (in):	7/8 Stub		
Oil Recharge (oz):	81		
Initial Oil Charge (oz):	85		
Net Weight (lbs):	127		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	195.0	MCC (Amps):	45.0	UL File No:
LRA-Half Winding:		RPM:	3500	UL File Date:
LRA Low*:		Max Operating Current:	31.8	
RLA(=MCC/1.4;use for contactor selection):	32.1			
RLA(=MCC/1.56;use for breaker & wire size selection):	28.8			
*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	50	3	200/220	Air Conditioning
R-22 HCFC	60	3		Air Conditioning
R-22 HCFC	50	3		Air Conditioning
R-22 HCFC	60	3		A/C, 50% Load Of Compressor
R-22 HCFC	50	3		A/C, 50% Load Of Compressor
R-407C HFC	50	3	200/220	A/C, 50% Load Of Compressor
R-407C HFC	60	3	200/230	A/C, 50% Load Of Compressor