

ZR48K3E-TFD

HFC, R-407C, 50Hz, 3- Phase, 380/420 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

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>45 / 100</u>
<u>RG(°F)/SubCool(°F)</u>	<u>65 / 15</u>	<u>65 / 15</u>
Capacity (Btu/hr)	38900	47000
Power (Watts):	3610	2420
Current (Amps):	6.40	5.00
EER (Btu/Wh):	10.80	19.40
Mass Flow (lbs/hr):	565	585
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date: 2005-04-15	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	4.00
Bore Size(in):	0.00	Displ(ft ³ /hr):	402.47
Stroke(in):	0.00		
Overall Length (in):	9.57	Mounting Length (in):	7.50
Overall Width (in):	9.57	Mounting Width (in):	7.50
Overall Height (in):	16.95	Mounting Height (in):	17.18 *
Suction Size (in):	0		
Discharge Size (in):	0		
Oil Recharge (oz):	42		
Initial Oil Charge (oz):	46		
Net Weight (lbs):	62		
Internal Free Volume (in ³):	205.0		
Horse Power:	4		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	50.0	MCC (Amps):	11.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:		Max Operating Current:	10.0		
RLA(=MCC/1.4;use for contactor selection):		7.9			
RLA(=MCC/1.56;use for breaker & wire size		7.1			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-134a HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-134a HFC	50	3	380/420	Air Conditioning