

ZR40K3E-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)	31700	38300
Power (Watts):	2960	1940
Current (Amps):	5.40	4.10
EER (Btu/Wh):	10.70	19.80
Mass Flow (lbs/hr):	461	475
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):	3.31
Bore Size(in):	0.00	Displ(ft ³ /hr):	333.20
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):	15.73	Mounting Height (in):	15.97 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		38	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		62	
Internal Free Volume (in ³):		191.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	46.0	MCC (Amps):	9.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	14-Jun-1994
LRA Low*:	41.0	Max Operating Current:	7.0		
RLA(=MCC/1.4;use for contactor selection):		6.4			
RLA(=MCC/1.56;use for breaker & wire size		5.8			
*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