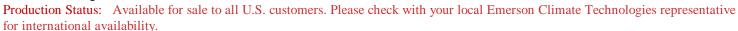
ZR48KCE-TFD

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

Air Conditioning





Performance

Evap(°F)/Cond(°F)	<u>45/130</u>	<u>45/100</u>	
$RG(^{\circ}F)/Liq(^{\circ}F)$	<u>65/115</u>	<u>65/85</u>	
Capacity (Btu/hr):	38600	46800	
Capacity (Biu/III).	38000	40800	
Power (Watts):	3590	2410	
Current (Amps):	6.3	4.8	
EER (Btu/Wh):	10.7	19.4	
Mass Flow (lbs/hr):	560.0	580.0	
Sound Power(dBA):	71 Ave	76 Max	

Vibration (mils(peak-peak)): 2.0 Ave 3.0 Max

Record Date: 2005-04-15

Mechanical

Number of Cylinders:	0	Displ (in^3/Rev):	3.997	
Bore Size (in):	0.0	Displ (ft^3/hr):	402.4739	
Stroke (in):	0.0			
Overall Length (in): 9.56	7	Mounting Length (in):	7.5	
Overall Width (in): 9.56	7	Mounting Width(in):	7.5	
Overall Height (in): 16.95		Mounting Height (in):	17.18*	
Suction Size (in):		0		
Discharge Size (in):		0		
Initial Oil Charge (oz):		46		
Oil Recharge (oz):		42		
Net Weight (lbs):		62.0		
Internal Free Volume (in^3	3):	177.0		
HorsePower				
* Overall compressor height on Copeland Brand Product's specified				

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

Electrical

LRA-High*:	50.0	MCC (Amps):	11.0	UL File No.:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA-Low*:		Max Operating Current:	10.0	CSA File No.:	LR3104C

RLA(=MCC/1.4; use for contactor selection): 7.9

RLA (=MCC/1.56; use for breaker & wire size selection): 7.1

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	<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	

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