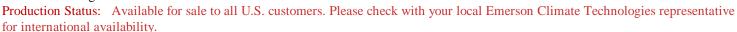
ZR144KCE-TFD

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(°F)/Liq(°F)	<u>65/115</u>	<u>65/85</u>
Capacity (Btu/hr):	118000	142500
Power (Watts):	10150	6950
Current (Amps):	17.6	13.4
EER (Btu/Wh):	11.6	20.4
Mass Flow (lbs/hr):	1715.0	1770.0

Sound Power(dBA): 75 Ave 80 Max Vibration (mils(peak-peak)): 3.0 Ave 425.0 Max

Record Date: 2007-12-06

Mechanical

Number of Cylinders: 0	Displ (in^3/Rev): 11.645
Bore Size (in): 0.	0 Displ (ft^3/hr): 1172.581
Stroke (in): 0.	0
Overall Length (in): 10.38	Mounting Length (in): 7.5
Overall Width (in): 11.23	Mounting Width(in): 7.5
Overall Height (in): 21.0	Mounting Height (in): 21.75*
Suction Size (in):	1 3/8 Stub
Discharge Size (in):	7/8 Stub
Initial Oil Charge (oz):	110
Oil Recharge (oz):	106
Net Weight (lbs):	135.0
Internal Free Volume (in^3):	809.0
HorsePower	

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

Electrical

LRA-High*:	118.0	MCC (Amps):	31.0	UL File No.:	SA-2337
LRA-Half Wi	inding:	RPM:	2900	UL File Date:	27-Sep-1996
LRA-Low*:	110.0	Max Operating Current	: 22.3	CSA File No.:	LR3104C

RLA(=MCC/1.4; use for contactor selection): 22.1

RLA (=MCC/1.56; use for breaker & wire size selection): 19.9

Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
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.