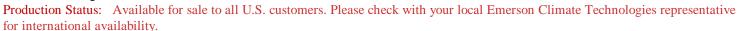
ZR81KCE-TFD

Sound Power(dBA):

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

Air Conditioning





Performance

Evap(°F)/Cond(°F) RG(°F)/Liq(°F)	45/130 65/115	45/100 65/85
Capacity (Btu/hr): Power (Watts): Current (Amps): EER (Btu/Wh): Mass Flow (lbs/hr):	63500 5900 10.9 10.8 925.0	77000 3990 8.6 19.3 955.0

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

Record Date: 2005-04-15

Mechanical

I					
Number of Cylinders:	0	Displ (in^3/Rev):	6.577		
Bore Size (in):	0.0	Displ (ft^3/hr):	662.2644		
Stroke (in):	0.0				
Overall Length (in): 9.4	18	Mounting Length (in):	7.5		
Overall Width (in): 9.7	71	Mounting Width(in):	7.5		
Overall Height (in): 17	.955	Mounting Height (in):	18.205*		
Suction Size (in):		7/8 Stub			
Discharge Size (in):		3/4 Stub			
Initial Oil Charge (oz):		60			
Oil Recharge (oz):		56			
Net Weight (lbs):		86.0			
Internal Free Volume (in	·^3):	258.0			
HorsePower					
* Overall compressor height on Copeland Brand Product's specified					

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

Electrical

LRA-High*:	101.0	MCC (Amps):	17.0	UL File No.:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	26-Jul-1993
LRA-Low*:	90.5	Max Operating Current:	15.0	CSA File No.:	LR3104C

RLA(=MCC/1.4; use for contactor selection): 12.1

RLA (=MCC/1.56; use for breaker & wire size selection): 10.9

72 Ave 77 Max

Alternate Applications

			I I		
Refrigerant	Frequency(Hz)	<u>Phase</u>	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.