

ZP72KCE-TFD

HFC, R-410A, 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)/Liq(°F)</u>	<u>65 / 115</u>	<u>65 / 85</u>
Capacity (Btu/hr)	58500	72500
Power (Watts):	5700	3870
Current (Amps):	9.80	7.20
EER (Btu/Wh):	10.30	18.70
Mass Flow (lbs/hr):	860	895
Sound Power (dBA):	72 Avg	77 Max
Vibration (mils(peak- Record Date: 2009-08-24	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	4.10
Bore Size(in):	0.00	Displ(ft ³ /hr):	412.44
Stroke(in):	0.00		
Overall Length (in):	9.63	Mounting Length (in):	7.50
Overall Width (in):	9.82	Mounting Width (in):	7.50
Overall Height (in):	17.91	Mounting Height (in):	18.16 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		56	
Initial Oil Charge (oz):		60	
Net Weight (lbs):		88	
Internal Free Volume (in ³):		264.5	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	75.0	MCC (Amps):	17.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	68.0	Max Operating Current:	15.0		
RLA(=MCC/1.4;use for contactor selection):			12.5		
RLA(=MCC/1.56;use for breaker & wire size			11.2		
*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-410A HFC	60	3	460	Air Conditioning