

ZP83KCE-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

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)	68000	84000
Power (Watts):	6400	4400
Current (Amps):	11.70	9.10
EER (Btu/Wh):	10.60	19.00
Mass Flow (lbs/hr):	1000	1040
Sound Power (dBA):	72 Avg	77 Max
Vibration (mils(peak- Record Date:	2.5 Avg 2004-05-10	3.5 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	4.71
Bore Size(in):	0.00	Displ(ft ³ /hr):	474.27
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):		87	
Internal Free Volume (in ³):		264.5	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	101.0	MCC (Amps):	19.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	90.5	Max Operating Current:	15.0		
RLA(=MCC/1.4;use for contactor selection):			13.6		
RLA(=MCC/1.56;use for breaker & wire size)			12.2		
*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