

ZP61KCE-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)	50000	62500
Power (Watts):	4750	3260
Current (Amps):	8.30	6.10
EER (Btu/Wh):	10.60	19.10
Mass Flow (lbs/hr):	740	770
Sound Power (dBA):	71 Avg	76 Max
Vibration (mils(peak- Record Date:	2.0 Avg 2007-03-09	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	3.55
Bore Size(in):	0.00	Displ(ft ³ /hr):	356.96
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):		52	
Initial Oil Charge (oz):		56	
Net Weight (lbs):		88.8	
Internal Free Volume (in ³):		274.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	64.0	MCC (Amps):	15.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Jul-1993
LRA Low*:	58.0	Max Operating Current:	11.8		
RLA(=MCC/1.4;use for contactor selection):			10.9		
RLA(=MCC/1.56;use for breaker & wire size)			9.7		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-410A HFC	60	3	460	Air Conditioning