

ZP485KCE-TWD

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)	400000	494000
Power (Watts):	36100	26800
Current (Amps):	60.30	47.20
EER (Btu/Wh):	11.10	18.40
Mass Flow (lbs/hr):	5900	6100
Sound Power (dBA):	89 Avg	94 Max
Vibration (mils(peak-)	3.5 Avg	5.0 Max
Record Date:	2009-09-22	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	27.12
Bore Size(in):	0.00	Displ(ft ³ /hr):	2731.02
Stroke(in):	0.00		
Overall Length (in):	14.50	Mounting Length (in):	10.50
Overall Width (in):	13.60	Mounting Width (in):	10.50
Overall Height (in):	39.42	Mounting Height (in):	30.12 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 3/8 Stub		
Oil Recharge (oz):	203		
Initial Oil Charge (oz):	213		
Net Weight (lbs):	441		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	408.0	MCC (Amps):	113.9	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	28-Nov-2000
LRA Low*:		Max Operating Current:	82.6		
RLA(=MCC/1.4;use for contactor selection):			81.4		
RLA(=MCC/1.56;use for breaker & wire size)			73		
*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