

ZP182KCE-TFD

HFC, R-410A, 50Hz, 3- Phase, 380/420 V

Air Conditioning



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°F)/Cond(°F)	45 / 130	35 / 120
RG(°F)/Liq(°F)	65 / 115	55 / 105
Capacity (Btu/hr)	150000	133000
Power (Watts):	13500	11900
Current (Amps):	26.30	24.00
EER (Btu/Wh):	11.10	11.20
Mass Flow (lbs/hr):	2200	1860
Sound Power (dBA):	77 Avg	82 Max
Vibration (mils(peak- Record Date:	3.0 Avg 2011-08-04	4.5 Max

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	10.20
Bore Size(in):	0.00	Displ(ft^3/hr):	1026.88
Stroke(in):	0.00		
Overall Length (in):	10.38	Mounting Length (in):	7.50
Overall Width (in):	11.23	Mounting Width (in):	7.50
Overall Height (in):	21.72	Mounting Height (in):	23.03 *
Suction Size (in):	1 3/8 Stub		
Discharge Size (in):	7/8 Stub		
Oil Recharge (oz):	106		
Initial Oil Charge (oz):	110		
Net Weight (lbs):	146		
Internal Free Volume (in^3):	856.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	174.0	MCC (Amps):	40.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	0	UL File Date:	27-Sep-1996
LRA Low*:	157.0	Max Operating Current:	34.0		
RLA(=MCC/1.4;use for contactor selection):		28.6			
RLA(=MCC/1.56;use for breaker & wire size		25.6			
*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