

ZP180KCE-TWD

HFC, R-410A, 60 Hz, 3 -Phase, 460 V

Air Conditioning



Production Status: Phase-out For Wholesale, With Date

Performance

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	180000	219000
Power (W):	16100	11600
Current (Amps):	22.95	17.80
EER (Btu/Wh):	11.20	18.90
Mass Flow (lbs/hr):	2660	2710
<u>Sound Data @</u>		
Sound Power (dBA):	83 Avg	88 Max
Vibration mils(peak-peak):	2.5 Avg	3.5 Max
Record Date:	2007-12-04	

Mechanical

Displacment(in ³ /Rev):	10.03
Displacment(ft ³ /hr):	1219.17
Overall Length (in):	12.63
Overall Width (in):	13.75
Overall Height (in):	23.30
Mounting Length (in):	8.65
Mounting Width (in):	8.65
Mounting Height (in):	23.47 *
Suction Size (in),Type:	1 5/8 Stub
Discharge Size (in),Type:	1 1/8 Stub
Initial Oil Charge (oz):	140
Oil Recharge (oz):	137
Net Weight (lbs):	235.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	187.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	37.0
Max Operating Current(Amp):	31.0
RLA, MCC/1.4;use for contactor selection (Amp):	26.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	23.7
RPM:	3500
UL File No:	SA-9747
UL File Date:	1994-07-12
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
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