

# ZP180KCE-TWD

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

Air Conditioning

Production Status: Phase-out For Wholesale, With Date



## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	180000	219000
Power (Watts):	16100	11600
Current (Amps):	22.95	17.80
EER (Btu/Wh):	11.20	18.90
Mass Flow (lbs/hr):	2660	2710
Sound Power (dBA):	83 Avg	88 Max
Vibration (mils(peak-peak)):	2.5 Avg	3.5 Max
Record Date:	2007-12-04	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	10.03
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	1219.17
Stroke(in):	0.00		
Overall Length (in):	12.63	Mounting Length (in):	8.65
Overall Width (in):	13.75	Mounting Width (in):	8.65
Overall Height (in):	23.30	Mounting Height (in):	23.47 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 1/8 Stub		
Oil Recharge (oz):	137		
Initial Oil Charge (oz):	140		
Net Weight (lbs):	235		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	187	MCC (Amps):	37.0	UL File No:	SA-9747
LRA-Half Winding:		RPM:	3500	UL File Date:	12-Jul-1994
LRA Low*:		Max Operating Current:	31.0		
RLA(=MCC/1.4;use for contactor selection):	26.4				
RLA(=MCC/1.56;use for breaker & wire size selection):	23.7				
*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	50	3	380/420	Air Conditioning