

# ZP182KCE-TE7

HFC, R-410A, 60Hz, 3- Phase, 380 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)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	183000	223000
Power (Watts):	16300	12000
Current (Amps):	31.70	25.80
EER (Btu/Wh):	11.20	18.50
Mass Flow (lbs/hr):	2690	2750
Sound Power (dBA):	82 Avg	87 Max
Vibration (mils(peak-peak)):	3.0 Avg	4.5 Max
Record Date:	2014-09-08	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	10.20
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	1239.34
Stroke(in):	0.00		
Overall Length (in):	12.93	Mounting Length (in):	7.50
Overall Width (in):	11.73	Mounting Width (in):	7.50
Overall Height (in):	22.21	Mounting Height (in):	23.02 *
Suction Size (in):	1 3/8 Stub		
Discharge Size (in):	7/8 Stub		
Oil Recharge (oz):	110		
Initial Oil Charge (oz):	114		
Net Weight (lbs):	146		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	196.0	MCC (Amps):	53.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	39.0		
RLA(=MCC/1.4;use for contactor selection):	37.9				
RLA(=MCC/1.56;use for breaker & wire size selection):	34				
*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>
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