

ZP90KCE-TFD

HFC, R-410A, 60Hz, 3- Phase, 460 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)	90500	111000
Power (Watts):	8370	5970
Current (Amps):	12.95	10.15
EER (Btu/Wh):	10.80	18.55
Mass Flow (lbs/hr):	1335	1370
Sound Power (dBA):	77 Avg	79 Max
Vibration (mils(peak-peak)):	2.5 Avg	4.0 Max
Record Date:	2011-07-19	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.14
Bore Size(in):	0.00	Displ(ft ³ /hr):	624.05
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):	18.75	Mounting Height (in):	19.50 *
Suction Size (in):	1 1/8 Stub		
Discharge Size (in):	7/8 Stub		
Oil Recharge (oz):	81		
Initial Oil Charge (oz):	85		
Net Weight (lbs):	127		
Internal Free Volume (in ³):	639.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	95.0	MCC (Amps):	23.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	27-Sep-1996
LRA Low*:		Max Operating Current:	16.0		
RLA(=MCC/1.4;use for contactor selection):	16.4				
RLA(=MCC/1.56;use for breaker & wire size selection):	14.7				
*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