

ZP90KCE-TFDHFC, R-410A, 50 Hz, 3 -Phase, 380/420 V
Air Conditioning**COPELAND™****Production Status:** Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.**Performance**

Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr)	74500	86500
Power (W)	6950	6100
Current (Amps):	12.30	11.10
EER (Btu/Wh):	10.70	10.90
Mass Flow (lbs/hr):	1100	925
Sound Data		
Sound Power (dBA):	72 Avg	77 Max
Vibration mils(peak:peak):	2.5 Avg	4.0 Max
Record Date:	2019-11-15	

Mechanical

Displacement	5.14
Displacement(ft ³ /hr):	517.06
Overall Length (in):	10.38
Overall Width (in):	11.23
Overall Height (in):	18.75
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	19.50 *
Suction Size (in),Type:	1.1/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	85
Oil Recharge (oz):	81
Net Weight (lbs):	127.0
Internal Free Volume (in ³):	639.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High(Amp):	85.0
LRA Low(Amp):	86.0
LRA-Half Winding (Amp):	
MCC (Amps):	23.0
Max Operating Current(Amp):	16.0
RLA, MCC/1.4;use for contactor selection (Amp):	16.4
RLA, MCC/1.55;use for breaker & wire size selection (Amp):	14.7
RPM:	2900
Box IP	21
UL File No:	SA-2337
UL File Date:	1995-09-27
*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
R-410A HFC	460	3	60	Air Conditioning