

ZP61KCE-TFD  
 HFC, R-410A, 60 Hz, 3 - Phase, 460 V
 [. Also Available with Variable Frequency Drives](#)

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			Mechanical		
Evaporator Temp. (°F)	45.00	45	Displacement (in^3/Rev):	3.55	
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):		
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	9.69	
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.69	
Capacity (BTU/hr)	61500	76000	Overall Height (in):	17.91	
Power (W):	5700	4010	Mounting Length (in):	7.50	
Current (Amps):	8.3	6.3	Mounting Width (in):	7.50	
EER(BTU/Wh):	10.8	19	Mounting Height (in):	18.16	
Mass Flow (lbs/hr):	910	945	Suction Size (in),Type:	7 / 8 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	74 Avg	79 Max	Initial Oil Charge (oz):	56	
Vibration mils(peak-peak):	2.0 Avg	3.0 Max	Oil Recharge (oz):	52	
Record Date:	2007-01-05		Oil Type:	3MA	
			Net Weight (lbs):	88.8	
			Internal Free Volume (in^3):	274.0	
			Horse Power:	*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	62.0	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	15.2					
Max Operating Current (Amps):	11.8					
RLA, MCC/1.4(use for contactor selection)(Amps):	10.9					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.7					
RPM:	3500					
Box IP :	21					
UL File No:						
UL File Date:	1993-07-26					

\*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications				
Refrigerant	Voltage	Phase	Frequency	Application
R-410A HFC	380/420	3	50	Air Conditioning