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ZP296KCE-TED



**HFC, R-410A, 60 Hz, 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

Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr):	298000	264000
Power (W):	26900	23700
Current (Amps):	38.3	34.3
EER (Btu/Wh):	11.1	11.1
Mass Flow (lbs/hr):	4360	3670
<b>Sound Data @</b>		
Sound Power (dBA):	90 Avg	95 Max
Vibration mills(peak-peak):	3.5 Avg	5.0 Max
Record Date:	2017-03-22	

### Mechanical

Displacment (in <sup>3</sup> /Rev):	16.31
Displacment (ft <sup>3</sup> /hr):	1981.88
Overall Length (in):	15.08
Overall Width (in):	15.38
Overall Height (in):	27.34
Mounting Length (in):	10.50
Mounting Width (in):	10.50
Mounting Height (in):	28.09 *
Suction Size (in),Type:	1 5/8 Stub
Discharge Size (in),Type:	1 1/8 Stub
Initial Oil Charge (oz):	152
Oil Recharge (oz):	142
Net Weight (lbs):	292.6
Internal Free Volume (in <sup>3</sup> ):	1312.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

### Electrical

LRA High* (Amp):	320.0
LRA Low*(Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	59.0
Max Operating Current (Amp):	51.0
RLA, MCC/1.4;use for contactor selection)(Amp):	42.1
RLA, MCC/1.56;use for breaker & wire size selection)(Amp):	37.8
RPM:	3500
UL File No:	SA-2337
UL File Date:	2000-11-28
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

### Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description

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Air Conditioning

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### Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
17	005-0892-00	1	COVER-TERMINAL BOX	
1	018-0091-25	1	HEATER-CRANKCASE	240V 120W WRAP AROUND
1	018-0091-26	1	HEATER-CRANKCASE	480V 120W WRAP AROUND
1	018-0091-27	1	HEATER-CRANKCASE	120V 137W WRAP AROUND
1	018-0091-28	1	HEATER-CRANKCASE	575V 120W WRAP AROUND
2	527-0175-02	1	SPACER-MOUNTING ASSM.	
2	527-0178-00	1	SPACER-MOUNTING KIT	FOR TANDEM USE
	529-0102-00	1	HARNESS-LOW VOLT CNTRL	
16	562-0094-00	1	T-BOX COVER ASSM	
	910-0715-00	1	OIL ADJUSTMENT VALVE KIT	
99	921-0223-00	1	CONNECTOR BLOCK KIT	
14	934-0002-00	1	ADPT 13/4 ROTO TO 13/8	DISCHARGE ADAPTER KIT 13/4 -12 TH
14	934-0002-04	1	ADPT SUCT AND DISCH	ADAPTER KIT CONTAINS SUCTION
7	962-0001-03	1	CC HEATER JUNCTION BOX	
99	971-0064-05	1	KIT-115/240V MODULE	
	971-0065-04	1	KIT 24 V MODULE	
15	974-0001-00	1	DISCH LINE CLAMP TANDEM	FOR TANDEM USE
11	998-0010-00	1	ALL AC SCROLL SG KIT	
14	998-0034-12	1	ADPTR 21/4-12 TO 15/8 ID	SUCTION ADAPTER KIT 21/4 -12 THD
8	998-0510-46	1	SERV VALVE KIT 1 3/8 SWT	ROTALOCK DISCHARGE
9	998-0510-68	1	SERV VALVE KIT 1 5/8 SWT	ROTALOCK SUCTION

Scott Kohler  
09/07/2017

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## KWG1-0075-TAC

CFC, R-12, 60Hz, 3- Phase, 208/230 V  
Medium Temperature

**Production Status:** This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate

### Accessories

<u>Category</u>	<u>PartNumber</u>	<u>Description</u>
Crankcase Heaters	918-0118-03	Crankcase Heater Kit, 460V, 50W, bolt on. For usage on Copeland H & K Compressors.
	918-0118-05	Crankcase Heater Kit, 120V, 50W, bolt on. For usage on Copeland H & K Compressors.
	918-0118-06	Crankcase Heater Kit, 240V, 50W, bolt on. For usage on Copeland H & K Compressors.
Electrical	085-0160-00	3 Phase Voltage Monitor. For use with all Copeland 3 Phase Compressors. Consult model family nomenclature for electrical definition in the model number.
Miscellaneous	024-0160-00	Fan Guard, (Horizontal Fan)
	083-0130-00	Replacement Fan Blade (Horizontal Fan)
	998-0050-00	Fan Assembly, 208/230-1-50/60, 1-1 1/2 HP. Horizontal fan assembly to blow on compressor side, replacement motor 050-0259-13.
	998-0050-02	Fan Assembly, 208/230-1-50/60 2HP. Horizontal fan assembly to blow on compressor side, replacement motor 050-0259-13.
	998-0050-03	Fan Assembly, 440-1-50/60, 2 HP. Horizontal fan assembly to blow on compressor side, replacement motor 050-0259-14.
	998-0683-00	Shipping Plate, Gasket, and Bolt (Discharge all 2D) (Discharge) (Suction & Discharge) 2 kits required
	998-AB52-01	Akylbenzene Oil. Approved for use with specific Copeland Semi Hermetic After Market Compressors. Consult model family nomenclatures for oil identifier in the model number.
	998-E022-01	Polyol Ester Oil. Approved for use with specific Copeland Hermetic & Semi Hermetic models. Consult specific model family nomenclatures for oil identifier in the model number.