

## ZP154KCE-TE5

HFC, R-410A, 60Hz, 3- Phase, 200/230 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.

### Accessories

<u>Category</u>	<u>PartNumber</u>	<u>Description</u>
Miscellaneous	020-0028-02	1 1/4" - 12 discharge valve seal
	020-0028-03	1 3/4" - 12 valve seal
Mounting	527-0210-00	Spacer Mounting Kit, 55-65 Durometer, 1.62" OD, 0.44" ID, 1.75" Height
Service Valves and	510-0080-04	3/4" discharge valve (solder)
	510-0080-07	7/8" discharge valve (solder)
	510-0330-00	Discharge Valve-Rotalock Assm
	510-0330-01	1 1/8" suction valve (solder)
	998-0510-02	Suction Valve Kit, includes 1 1/8" rotalock suction service valve (510-0330-01) and 1 3/4" - 12 suction valve seal (020-0028-03)
	998-0510-38	Service Valve Kit, Includes 3/4" Rotalock Service Valve and 1 1/4"-12 Valve Seal
	998-0510-39	Service Valve Kit, 1 1/4"-12 Thread to 7/8" Sweat
	998-0510-46	Service Valve Kit, 1 3/4"-12 Thread to 1 3/8" Sweat
	998-5100-24	Suction & Discharge Valve Kit, includes rotalock suction and discharge service valves and seals. 1 1/8" Suction Valve, 3/4" Discharge Valve, 1 3/4" - 12 Suction Valve Seal, 1 1/4" - 12 Discharge Valve Seal
	998-5100-25	Suction & Discharge Valve Kit, includes rotalock suction and discharge service valves and seals. 1 3/8" Suction Valve, 3/4" Discharge Valve, 1 3/4" - 12 Suction Valve Seal, 1 1/4" - 12 Discharge Valve Seal
	998-5100-27	Service Valve Kit, 1 3/4"-12 Thread to 1 3/8" Sweat and 1 1/4"-12 Thread to 7/8" Sweat

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## Electrical Components

Part No:	571-0064-06	Usage Description	115/240V MODULE
<u>Vendor Part Number</u>		<u>Vendor Name</u>	
14800070		WKK	

Part No:	571-0065-05	Usage Description	24V MODULE
<u>Vendor Part Number</u>		<u>Vendor Name</u>	
14800170		WKK	

<b>Stator</b>	046-0124-01	Usage Description			
Resistance:	+/-7%	Line to Line:	0.23	Line to Wye:	0.00

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## Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
2	527-0210-00	1	SPACER-MOUNTING ASSM	
15	910-0715-00	1	OIL ADJUSTMENT VALVE KIT	
1	918-0047-00	1	HEATER-CRANKCASE	120V 90W WRAP AROUND
1	918-0047-01	1	HEATER-CRANKCASE	240V 90W WRAP AROUND
99	971-0064-05	1	KIT-115/240V MODULE	120/240V MODULE
99	971-0065-04	1	KIT 24 V MODULE	24V MODULE
11	998-0010-00	1	ALL AC SCROLL SG KIT	
9	998-0510-46	1	SERV VALVE KIT 1 3/8 SWT	SUCTION
8	998-0510-90	1	SERV VALVE KIT 7/8 SWT	DISCHARGE

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## Performance

Evaporator Temp. (°F)	45.00	35.00
Condensing Temp. (°F)	130.00	120.00
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr)	155000	138000
Power (W):	14000	12400
Current (Amps):	42.80	39.30
EER (Btu/Wh):	11.10	11.10
Mass Flow (lbs/hr):	2290	1930
<u>Sound Data @</u>		
Sound Power (dBA):	80 Avg	85 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2016-06-24	

## Mechanical

Displacment (in <sup>3</sup> /Rev):	8.72
Displacment (ft <sup>3</sup> /hr):	1059.85
Overall Length (in):	12.93
Overall Width (in):	11.73
Overall Height (in):	22.21
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	23.02 *
Suction Size (in),Type:	1 3/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	114
Oil Recharge (oz):	110
Net Weight (lbs):	146.00
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA High*(Amp):	300.0
LRA Low* (Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	80.0
Max Operating Current(Amp):	3500
RLA, MCC/1.4;use for contactor selection (Amp):	57.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	51.3
RPM:	59.0
UL File No:	SA-2337
UL File Date:	27-Sep-1996
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

## Capacitors

## Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-410A HFC	200/220	3	50	Air Conditioning