

ZPD154KCE-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.

Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	155000	190000
Power (Watts):	14100	10000
Current (Amps):	43.90	35.10
EER (Btu/Wh):	11.00	19.00
Mass Flow (lbs/hr):	2290	2360
Sound Power (dBA):	80 Avg	85 Max
Vibration (mils(peak-peak)):	3.0 Avg	4.5 Max
Record Date:	2014-09-22	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	8.72
Bore Size(in):	0.00	Displ(ft ³ /hr):	1059.85
Stroke(in):	0.00		
Overall Length (in):	12.94	Mounting Length (in):	7.50
Overall Width (in):	11.73	Mounting Width (in):	7.50
Overall Height (in):	22.21	Mounting Height (in):	23.02 *
Suction Size (in):	1 3/8 Stub		
Discharge Size (in):	7/8 Stub		
Oil Recharge (oz):	110		
Initial Oil Charge (oz):	114		
Net Weight (lbs):	144		
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	300.0	MCC (Amps):	80.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	07-Feb-2007
LRA Low*:		Max Operating Current:	59.0		
RLA(=MCC/1.4;use for contactor selection):	57.1				
RLA(=MCC/1.56;use for breaker & wire size selection):	51.3				
*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	200/220	Air Conditioning
R-410A HFC	60	3	200/230	A/C, 50% Load Of Compressor
R-410A HFC	50	3	200/220	A/C, 50% Load Of Compressor

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Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
99	527-0210-00	1	SPACER-MOUNTING ASSM	
99	910-0182-00	1	VALVE-SOLENOID	
99	910-0715-00	1	OIL ADJUSTMENT VALVE KIT	
99	918-0047-00	1	HEATER-CRANKCASE	120V 90W WRAP AROUND
99	918-0047-01	1	HEATER-CRANKCASE	240V 90W WRAP AROUND
99	971-0064-05	1	KIT 110 V MODULE	120/240V MODULE
99	971-0065-04	1	KIT 24 V MODULE	24V MODULE
99	998-0010-00	1	ALL AC SCROLL SG KIT	
99	998-0060-03	1	KIT-HOLDING COIL	24 VOLT
99	998-0060-04	1	KIT-HOLDING COIL	120 VOLT
99	998-0060-05	1	KIT-HOLDING COIL	220 VOLT
99	998-0510-46	1	SERV VALVE KIT 1 3/8 SWT	SUCTION
99	998-0510-64	1	SERV VALVE KIT 7/8 SWT	DISCHARGE

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Accessories

<u>Category</u>	<u>PartNumber</u>	<u>Description</u>
Digital Components	543-0024-01	Digital Compressor Controller
	998-0060-09	240V Digital Solenoid Coil