

ZPD154KCE-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)	45.00	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):	14100	12400
Current (Amps):	21.30	19.40
EER (Btu/Wh):	11.00	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:	2016-06-27	

Electrical

LRA High*(Amp):	150.0
LRA Low* (Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	36.0
Max Operating Current(Amp):	3500
RLA, MCC/1.4;use for contactor selection (Amp):	25.7
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	23.1
RPM:	27.0
UL File No:	SA-2337
UL File Date:	07-Feb-2007
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment (in^3/Rev):	8.72
Displacment (ft^3/hr):	1059.85
Overall Length (in):	12.94
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):	144.00
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-410A HFC	380/420	3	50	Air Conditioning
R-410A HFC	460	3	60	A/C, 50% Load Of Compressor
R-410A HFC	380/420	3	50	A/C, 50% Load Of Compressor

ZPD154KCE-TED

HFC, R-410A, 60Hz, 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.

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-115/240V 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	998-0510-90	1	SERV VALVE KIT 7/8 SWT	DISCHARGE

Scott Kohler

Page 1 of 1

07/26/2016

ZPD154KCE-TED

HFC, R-410A, 60Hz, 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.

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