

ZPD120KCE-TF5

HFC, R-410A, 60 Hz, 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

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)	123000	109500
Power (W):	11100	9860
Current (Amps):	33.40	30.45
EER (Btu/Wh):	11.10	11.10
Mass Flow (lbs/hr):	1820	1530
<u>Sound Data @</u>		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2016-06-27	

Mechanical

Displacment (in ³ /Rev):	6.93
Displacment (ft ³ /hr):	842.19
Overall Length (in):	11.54
Overall Width (in):	11.23
Overall Height (in):	21.00
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	21.75 *
Suction Size (in),Type:	1 3/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	110
Oil Recharge (oz):	106
Net Weight (lbs):	136.00
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA High*(Amp):	239.0
LRA Low* (Amp):	
LRA Half Winding (Amp):	
MCC (Amps):	52.0
Max Operating Current(Amp):	3500
RLA, MCC/1.4;use for contactor selection (Amp):	37.1
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	33.3
RPM:	44.0
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.	

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	A/C, 50% Load Of Compressor
R-410A HFC	200/230	3	60	A/C, 50% Load Of Compressor
R-410A HFC	200/220	3	50	Air Conditioning

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Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
99	527-0116-00	1	SPACER-MOUNTING ASSM	
99	529-0099-00	1	POWER CABLE-MOLDED PLUG	
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	918-0047-02	1	HEATER-CRANKCASE	480V 90W WRAP AROUND
99	921-0227-00	1	CONNECTOR BLOCK KIT	
99	998-0010-00	1	ALL AC SCROLL SG KIT	
99	998-0034-02	1	ADAPTR 7/8 ID TO 11/4-12	DISCHARGE SWEAT TO ROTALOCK
99	998-0034-04	1	ADPTR 13/8 ID TO 13/4-12	SUCTION SWEAT TO ROTALOCK
99	998-0034-08	1	ADPTR 11/4-12 TO 7/8 ID	DISCHARGE ROTALOCK TO SWEAT
99	998-0034-13	1	ADPTR 13/4-12 TO 13/8 ID	SUCTION ROTALOCK TO SWEAT
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 ROTALOCK
99	998-0510-90	1	SERV VALVE KIT 7/8 SWT	DISCHARGE ROTALOCK
99	998-7029-00	1	HTR JUNCTION BOX KIT	

Scott Kohler

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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