

ZP236KCE-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

Evap(°F)/Cond(°F)	45 / 130	35 / 120
RG(°F)/Liq(°F)	65.0 / 115.0	55.0 / 105.0
Capacity (Btu/hr)	238000	211000
Power (Watts):	21500	19000
Current (Amps):	30.70	27.70
EER (Btu/Wh):	11.10	11.10
Mass Flow (lbs/hr):	3510	2950
<u>Sound Data @</u>		
Sound Power (dBA):	87 Avg	92 Max
Vibration (mils(peak-peak)):	3.5 Avg	5.0 Max
Record Date:	2012-10-12	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	13.25
Bore Size(in):	0.00	Displ(ft ³ /hr):	1610.73
Stroke(in):	0.00		
Overall Length (in):	15.08	Mounting Length (in):	10.50
Overall Width (in):	15.38	Mounting Width (in):	10.50
Overall Height (in):	27.34	Mounting Height (in):	28.09 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 1/8 Stub		
Oil Recharge (oz):	142		
Initial Oil Charge (oz):	152		
Net Weight (lbs):	280.1		
Internal Free Volume (in ³):	1380.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	229.0	MCC (Amps):	48.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Nov-2000
LRA Low*:		Max Operating Current:	41.0		
RLA(=MCC/1.4;use for contactor selection):	34.3				
RLA(=MCC/1.56;use for breaker & wire size selection):	30.8				
*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	380/420	Air Conditioning

ZP236KCE-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>
17	005-0892-00	1	COVER-TERMINAL BOX	
99	018-0091-25	1	HEATER-CRANKCASE	240V 120W WRAP AROUND
99	018-0091-26	1	HEATER-CRANKCASE	480V 120W WRAP AROUND
99	018-0091-27	1	HEATER-CRANKCASE	120V 137W WRAP AROUND
99	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
99	529-0102-00	1	HARNESS-LOW VOLT CNTRL	
16	562-0094-00	1	T-BOX COVER ASSM	
99	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	
99	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
02/11/2016

Page 1 of 1

ZP236KCE-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>
Crankcase Heaters	018-0091-25	Crankcase Heater, 240V, 120W
	018-0091-26	Crankcase Heater, 480V, 120W
	018-0091-27	Crankcase Heater, 120V, 137W
	018-0091-28	Crankcase Heater, 575V, 120W

Common U.S. OEM Bill Of Materials

	Suction Connection	Suction Size	Discharge Connection	Discharge Size	Electrical Connection	Mounting Assembly	Sight Glass	Crankcase Heater	Schraeder Valve	Tandem Ready	Module Voltage
250			Stub	1 3/8"	SCREW	-	Yes	-	-	-	-
251			Stub	1 3/8"	SCREW	-	Yes	-	-	-	-
265	Rotalock	2 1/4"	Rotalock	1 3/4"	SCREW	-	Yes	-	-	-	-
266	Rotalock	2 1/4"			SCREW	-	Yes	-	-	-	-

Common U.S. Service Bill Of Materials

	Suction Connection	Suction Size	Discharge Connection	Discharge Size	Electrical Connection	Mounting Assembly	Sight Glass	Crankcase Heater	Schraeder Valve	Tandem Ready	Module Voltage
951			Stub	1 3/8"	SCREW	Yes	Yes	-	-	-	-
966	Rotalock	2 1/4"			SCREW	Yes	Yes	-	-	-	-

* Note: For all other Bill Of Material descriptions (Including International and Customer Specific Bills of Materials) contact your sales representative or the Application Engineering Department.