

# ZP235KCE-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.

## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	235000	290000
Power (Watts):	21100	15400
Current (Amps):	30.60	23.60
EER (Btu/Wh):	11.10	18.80
Mass Flow (lbs/hr):	3460	3590
Sound Power (dBA):	87 Avg	92 Max
Vibration (mils(peak- Vibration (mils(peak-)	3.5 Avg	5.0 Max
Record Date:	2014-09-08	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	13.25
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	1610.73
Stroke(in):	0.00		
Overall Length (in):	16.80	Mounting Length (in):	10.50
Overall Width (in):	14.80	Mounting Width (in):	10.50
Overall Height (in):	28.60	Mounting Height (in):	29.00 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 3/8 Stub		
Oil Recharge (oz):	148		
Initial Oil Charge (oz):	158		
Net Weight (lbs):	310		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	225.0	MCC (Amps):	47.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Nov-2000
LRA Low*:		Max Operating Current:	40.0		
RLA(=MCC/1.4;use for contactor selection):			33.9		
RLA(=MCC/1.56;use for breaker & wire size)			30.4		
*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

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## Service Parts

<u>Reference</u>	<u>Component</u>	<u>Quantity</u>	<u>Description</u>	<u>Comment</u>
17	005-1069-01	1	LCS T-BOX COVER	
16	062-0283-02	1	LCS T-BOX	
2	527-0175-02	1	SPACER-MOUNTING ASSM.	
2	527-0178-00	1	SPACER-MOUNTING KIT	FOR TANDEM USE
1	918-0056-04	1	HEATER KIT 240 VOLT	240V 120W WRAP AROUND
1	918-0056-05	1	HEATER KIT 480 VOLT	480V 120W WRAP AROUND
1	918-0056-06	1	HEATER KIT 120 VOLT	120V 120W WRAP AROUND
1	918-0056-07	1	HEATER KIT 575 VOLT	575V 120W WRAP AROUND
14	934-0002-00	1	ADPT 13/4 ROTO TO 13/8	DISCHARGE ADAPTER KIT 13/4 -12 THD
14	934-0002-01	1	ADPT 21/4 ROTO TO 15/8	SUCTION ADAPTER KIT 21/4 -12 THD
14	934-0002-04	1	ADPT SUCT AND DISCH	ADAPTER KIT CONTAINS SUCTION
7	962-0001-03	1	CC HEATER JUNCTION BOX	
11	970-0021-00	1	SIGHT GLASS KIT	
99	971-0064-05	1	KIT 110 V MODULE	
99	971-0065-04	1	KIT 24 V MODULE	
15	974-0001-00	1	DISCH LINE CLAMP TANDEM	FOR TANDEM USE
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

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### Accessories

<u>PartNumber</u>	<u>Description</u>
527-0175-02	Mounting Kit, (Standard With Every Compressor Shipment)
527-0178-00	Mounting Kit, Tandem Assembly (Standard With Every Tandem Shipment)
934-0002-00	Fitting Adapter Kit, Discharge, 1-3/4" X 12UN Rotalock to 1-3/8" ID Stub Tube
934-0002-01	Fitting Adapter Kit, Suction, 2-1/4" X 12UN Rotalock to 1-5/8" ID Stub Tube
934-0002-04	Fitting Adapter Kit, Discharge & Suction
962-0001-03	Crankcase Heater Junction Box.
974-0001-00	Tandem discharge clamp kit.
998-0510-46	Service Valve Kit, 1 3/4"-12 Thread to 1 3/8" Sweat
998-0510-68	Service Valve, Suction (510-0402-00)

