

Copeland™ ZPK5 Single Phase Compressor Models

Tonnage	ZPK5 Preferred Wholesale Model	ZPK5 Special Order Model	ZPK3	ZPKC	CP8
1.5T	ZP14K5E-PFV				
	ZP16K5E-PFJ				
	ZP16K5E-PFV		ZP16K3E-PFV		CP12K8E-PFV
2T	ZP20K5E-PFJ	ZP21K5E-PFJ	ZP20K3E-PFJ		CP18K8E-PFJ
	ZP20K5E-PFV	ZP21K5E-PFV	ZP20K3E-PFV	ZP22KCE-PFV	CP18K8E-PFV
2.5T	ZP24K5E-PFJ	ZP25K5E-PFJ	ZP23K3E-PFJ		CP21K8E-PFJ
			ZP26K3E-PFJ		
	ZP24K5E-PFV	ZP25K5E-PFV	ZP23K3E-PFV	ZP26KCE-PFV	CP21K8E-PFV
3T			ZP26K3E-PFV		
	ZP28K5E-PFV				CP25K8E-PFV
	ZP31K5E-PFJ	ZP29K5E-PFJ	ZP32K3E-PFJ		CP27K8E-PFJ
	ZP31K5E-PFV	ZP29K5E-PFV	ZP32K3E-PFV	ZP32KCE-PFV	CP27K8E-PFV
	ZP34K5E-PFV	ZP36K5E-PFV	ZP36K3E-PFV		CP30K8E-PFV
3.5T		ZP36K5E-PFJ	ZP36K3E-PFJ		CP30K8E-PFJ
	ZP38K5E-PFV	ZP39K5E-PFV	ZP38K3E-PFV	ZP38KCE-PFV	
4T	ZP42K5E-PFJ	ZP44K5E-PFJ	ZP41K3E-PFJ		
	ZP42K5E-PFV	ZP44K5E-PFV	ZP41K3E-PFV	ZP44KCE-PFV	
			ZP44K3E-PFV		
5T	ZP49K5E-PFJ				
	ZP49K5E-PFV				
	ZP54K5E-PFJ	ZP51K5E-PFJ	ZP50K3E-PFJ		
	ZP54K5E-PFV	ZP51K5E-PFV	ZP50K3E-PFV		
	ZP61K5E-PFV	ZP57K5E-PFV	ZP54K3E-PFV		
		ZP57K3E-PFV	ZP57KCE-PFV		

Code	Hz-Phase-Volts
PFV	60-1-208/230
PFJ	60-1-265
TF5	60-3-200/230
TFD	60-3-460
TFE	60-3-575
TF7	60-3-380

Single Phase

Tonnage	ZPK5 Preferred Wholesale Model	ZPK5 Special Order Model	Bristol	Carlyle	Danfoss	LG
2T	ZP20K5E-PFJ	ZP21K5E-PFJ	H82J213ABH			APA022K
			H82J223ABH			
			H89B193ABH			
			H89B223ABH			
	ZP20K5E-PFV	ZP21K5E-PFV	H80J183ABC			
			H80J223ABC			
			H81J223ABC			
			H81J22BABC			
			H82J193ABC			
			H82J19BABC			
			H82J213ABC			
			H82J21BABC			
			H82J223ABC			
			H82J22BABC			
			H83B193ABC			
			H89B193ABC			
			H89B19BABC			
			H89B223ABC			
			H89B22BABC			
			T81J195CBC			
T89B194CBC						

Code	Hz-Phase-Volts
PFV	60-1-208/230
PFJ	60-1-265
TF5	60-3-200/230
TFD	60-3-460
TFE	60-3-575
TF7	60-3-380

Three Phase

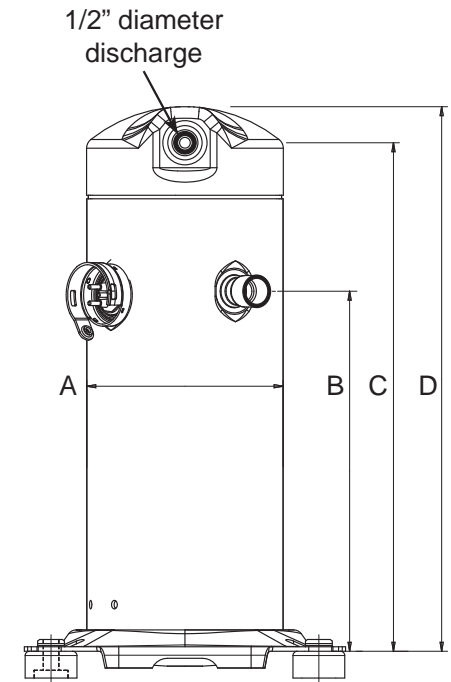
Tonnage	ZPK5 Preferred Wholesale Model	ZPK5 Special Order Model	Bristol	Carlyle	Danfoss	LG
2T	ZP20K5E-TF5	ZP21K5E-TF5	H82J193DBL			
			H82J213DBL			
			H82J223DBL			
	ZP20K5E-TFD	ZP21K5E-TFD	H82J193DBV			
			H82J213DBV			
			H82J223DBV			
			H89B203DBV			
	ZP20K5E-TFE	ZP21K5E-TFE	H82J213DBF			
			H82J213DBF			
			H82J223DBF			

Copeland Scroll™ ZPK5 R-410A Compressor Cross Reference Guide



Copeland Scroll™ ZPK5 R-410A Service Compressor Specification Chart

Model	ARI Capacity Btu/hr	MCC	RLA Amps (MCC/1.4)	LRA Amps	Run Cap (MFD / Volts)	Start Cap. (MFD / Volts) (optional)	Relay P/N (optional)	Diameter Inches (A)	Suction Height Inches (B)	Discharge Height Inches (C)	Height Inches (D)	Suction Diameter Inches	Weight Lbs.
ZP14K5E-PFV	14650	14	10	46	30/370	88-106/330	040-0166-07	5.5	10.3	14.2	15.3	3/4	50
ZP16K5E-PFJ	15500	11	7.9	43	35/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP16K5E-PFV	15500	14	10	48	30/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	47
ZP20K5E-PFJ	20000	14	10	54	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP20K5E-PFV	20000	21	15	58.3	35/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	47
ZP20K5E-TF5	20000	11	7.9	55.4	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP20K5E-TFD	20000	5.5	3.9	28	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP20K5E-TFE	20000	4.6	3.3	24.5	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP21K5E-PFJ	21300	15	10.7	54	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP21K5E-PFV	21300	20	14.3	58.3	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	47
ZP21K5E-TF5	21000	12	8.6	55.4	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP21K5E-TFD	21300	5.6	4	28	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP21K5E-TFE	21300	4.6	3.3	24.5	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP24K5E-PFJ	24000	17	12.1	60	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP24K5E-PFV	24000	20	14.3	64	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	48
ZP24K5E-TF5	24000	13	9.3	58	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP24K5E-TFD	24000	8	5.7	28	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP24K5E-TFE	24000	5.2	3.7	23.7	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP25K5E-PFJ	25200	17.5	12.5	60	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	50
ZP25K5E-PFV	25200	22	15.7	73	40/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	48
ZP25K5E-TF5	25200	13.9	9.9	58	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP25K5E-TFD	25200	6.5	4.6	28	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP25K5E-TFE	25200	5.5	3.9	24	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	47
ZP28K5E-PFV	27900	25	17.9	77	45/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	50
ZP28K5E-TF5	27900	15.6	11.1	71	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP28K5E-TFD	27700	7.4	5.3	38	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	49
ZP28K5E-TFE	27700	5.8	4.1	28	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP29K5E-PFJ	29000	19	13.6	72	60/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP29K5E-PFV	29000	22	15.7	77	45/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	50
ZP29K5E-TF5	29000	14	10.4	71	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP29K5E-TFD	29000	8.8	6.3	38	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP29K5E-TFE	29000	5.9	4.2	36.5	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP31K5E-PFJ	31100	21	15	72	60/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	49
ZP31K5E-PFV	31100	26	18.6	79	45/370	88-106/330	040-0166-37	5.5	10.3	14.2	15.3	3/4	50
ZP31K5E-TF5	31200	16.3	11.6	73	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP31K5E-TFD	31200	9	6.4	38	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48
ZP31K5E-TFE	31100	5.9	4.2	36.5	N/A	N/A	N/A	5.5	10.3	14.2	15.3	3/4	48



Bottom Plate Mounting Pattern 7.5" x 7.5" (same as previous Copeland Models)

Rotalock™ Kit Part Numbers			
		Adapter	Seal
Suction	3/4" to 1-1/4"-12	998-0034-01	020-0028-02
Suction	7/8" to 1-1/4"-12	998-0034-02	020-0028-02
Discharge	1/2" to 1"-14	998-0034-15	020-0028-00

Additional Information:

Copeland Scroll ZPK5 service compressors are offered in an 800 bill-of-material option, such as ZP25K5E-PFV-800 that includes the compressor with a 42 inch molded plug wiring harness, mounting parts and installation instructions.

Other available information includes :

A/C Compressor Product Guide (2008ECT-113)

ZPK5 Product Brochure (2004ECT-182 R5)

For complete product details and additional information, visit EmersonClimate.com and select Online Product Information (OPI) or CopelandScroll.com

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