

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
			ZP26K3E-PFV		
3T	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
		ZP36K5E-PFJ	ZP36K3E-PFJ		CP30K8E-PFJ
3.5T	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		
			ZP54K3E-PFV		
	ZP61K5E-PFV	ZP57K5E-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

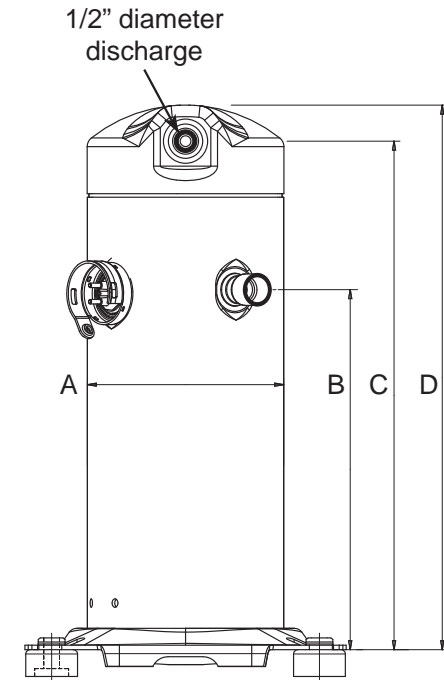
Single Phase

Tonnage	ZPK5 Preferred Wholesale Model	ZPK5 Special Order Model	Bristol	Carlyle	Danfoss	LG
3T	ZP28K5E-PFV		H81J283ABC			APA028K
			H81J28BABC			
			H82J273ABC			
			H82J27BABC			
			H82J283ABC			
			H82J28BABC			
			T81J285CBC			
			T89B284CBC			
	ZP31K5E-PFJ	ZP29K5E-PFJ	H82J283ABH			
			H82J293ABH			
			H82J323ABH			
			H89B283ABH			
			H89B293ABH			
	ZP31K5E-PFV	ZP29K5E-PFV	H89B323ABH	XGD320HA	HRH031U1	APA030K
			H80J293ABC		HRH032U1	APA032K
			H81J313ABC			
			H81J31BABC			
			H82J293ABC			
			H82J29BABC			
			H82J303ABC			
			H82J30BABC			
			H82J323ABC			
			H82J32BABC			
			H83C313ABC			
			H83C323ABC			
			H89B283ABC			
			H89B303ABC			
			H89B323ABC			
	ZP34K5E-PFV	ZP36K5E-PFV	H80J323ABC	XGD360HA	HRH034U1	ABA034K
			H82B343ABC		HRH036U1	ABA036K
			H82B363ABC			
			H82J333ABC			
			H82J33BABC			
			H82J353ABC			
			H82J35BABC			
			H83C363ABC			
			H89B343ABC			
			T89B364CBC			
			H82J373ABH			
			H89B343ABH			
		ZP36K5E-PFJ				

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

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.
ZP34K5E-PFV	34500	28	20	112	45/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	71
ZP34K5E-TF5	34600	20.6	14.7	88	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP34K5E-TFD	34600	9.3	6.6	44	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP34K5E-TFE	34600	6.5	4.6	30	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP36K5E-PFJ	36000	25	17.9	87	60/370	88-106/330	040-0166-07	6.5	11.4	15.4	16.5	7/8	72
ZP36K5E-PFV	36000	28	20	112	45/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	71
ZP36K5E-TF5	36000	21.1	15.1	88	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP36K5E-TFD	36000	9.3	6.6	44	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP36K5E-TFE	36000	7.7	5.5	34	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	64
ZP38K5E-PFV	37500	31	22.1	109	45/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	72
ZP38K5E-TF5	38100	21.2	15.1	83.1	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP38K5E-TFD	38100	9.5	6.8	41	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP38K5E-TFE	38100	6.5	4.6	33	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP39K5E-PFV	39000	31	22.1	109	45/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	72
ZP39K5E-TF5	39000	20.5	14.6	83.1	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP39K5E-TF7	39000	11.9	8.5	51.8	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP39K5E-TFD	39000	9.5	6.8	41	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP39K5E-TFE	39000	6.8	4.9	33	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP42K5E-PFJ	42000	25.4	18.1	98	80/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	73
ZP42K5E-PFV	42000	34	24.3	117	70/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	73
ZP42K5E-TF5	41900	21.4	15.6	83.1	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP42K5E-TFD	41900	9.7	6.9	41	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP42K5E-TFE	42000	7.5	5.4	33	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP44K5E-PFJ	44500	29.3	20.9	114	80/370	189-227/330	040-0166-07	6.5	11.4	15.4	16.5	7/8	73
ZP44K5E-PFV	44400	33.4	23.9	135	70/370	189-227/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	74
ZP44K5E-TF5	44500	22.6	16.1	98	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	68
ZP44K5E-TF7	44900	13.8	9.9	64	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	67
ZP44K5E-TFD	44500	9.9	7.1	55	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	68
ZP44K5E-TFE	44500	9.4	6.7	41	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	68
ZP49K5E-PFJ	49200	33.3	23.8	130	70/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP49K5E-PFV	49400	39	27.9	134	70/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP49K5E-TF5	49700	24.8	17.7	110	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	73
ZP49K5E-TF7	49600	12.4	8.9	66	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	72
ZP49K5E-TFD	50000	11	7.9	52	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	73
ZP49K5E-TFE	49700	8	5.7	39.5	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	73
ZP51K5E-PFJ	51200	31	22.1	130	80/440	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP51K5E-PFV	51000	41.2	29.4	134	70/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP51K5E-TF5	51500	24.9	17.8	110	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	72
ZP51K5E-TF7	51600	13.3	9.5	66	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	73
ZP51K5E-TFD	51500	12.1	8.6	52	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	72
ZP51K5E-TFE	51000	8.9	6.4	38.9	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	71
ZP54K5E-PFJ	54000	31	22.1	128	80/440	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP54K5E-PFV	54000	41	29.3	134	80/370	88-106/330	040-0166-37	6.5	11.4	15.4	16.5	7/8	76
ZP54K5E-TF5	54300	24.4	17.4	110	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	72
ZP54K5E-TF7	53400	15.8	11.3	65.6	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	73
ZP54K5E-TFD	54300	12.1	8.6	52	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	71
ZP54K5E-TFE	54000	9.1	6.5	38.9	N/A	N/A	N/A	6.5	11.4	15.4	16.5	7/8	71
ZP57K5E-PFV	57000	44.2	31.6	178	80/370	88-106/330	040-0166-37	6.5	11.4	16	17	7/8	76
ZP57K5E-TF5	57500	30	21.4	136	N/A	N/A	N/A	6.5	11.4	16	17	7/8	76
ZP57K5E-TFD	57500	13.6	9.7	66.1	N/A	N/A	N/A	6.5	11.4	16	17	7/8	76
ZP57K5E-TFE	57500	10.7	7.6	55.3	N/A	N/A	N/A	6.5	11.4	16	17	7/8	76
ZP61K5E-PFV	61500	48	34.3	178	80/370	88-106/330	040-0166-37	6.5	11.4	16	17	7/8	77
ZP61K5E-TF5	61500	30.6	21.9	136	N/A	N/A	N/A	6.5	11.4	16	17	7/8	77
ZP61K5E-TFD	61500	12.8	9.1	66.1	N/A	N/A	N/A	6.5	11.4	16	17	7/8	77
ZP61K5E-TFE	61500	10.3	7.4	55.3	N/A	N/A	N/A	6.5	11.4	16	17	7/8	77



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 Emerson Climate.com and select Online Product Information (OPI) or Copeland Scroll.com.



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