

Copeland™ Three Phase Compressor Models

TONNAGE	ZRK5	ZRK1	ZRK2	ZRKA	ZRKC	ZRK3	ZRK4
2T	ZR21K5-TF5					ZR22K3-TF5	
	ZR21K5-TF7						
	ZR21K5-TFD					ZR22K3-TFD	
	ZR25K5-TF5			ZR26KA-TF5		ZR24K3-TF5	
	ZR25K5-TF7					ZR26K3-TF5	
	ZR25K5-TFD						
	ZR28K5-TF5					ZR24K3-TFD	
	ZR28K5-TF7					ZR26K3-TFD	
3T	ZR28K5-TFD					ZR28K3-TF5	
					ZR28KC-TFD	ZR28K3-TFD	
	ZR32K5-TF5			ZR32KA-TF5		ZR30K3-TF5	
				ZR34KA-TF5		ZR32K3-TF5	
	ZR32K5-TF7					ZR34K3-TF5	
	ZR32K5-TFD			ZR32KA-TFD	ZR34KC-TFD	ZR34K3-TF7	
				ZR34KA-TFD		ZR30K3-TFD	
	ZR32K5-TFE			ZR32KA-TFE		ZR32K3-TFD	
				ZR34KA-TFE		ZR34K3-TFD	
	ZR38K5-TF5			ZR38KA-TF5		ZR30K3-TFE	
	ZR38K5-TF7					ZR32K3-TFE	
	ZR38K5-TFD			ZR38KA-TFD	ZR36KC-TFD	ZR34K3-TFE	
3.5T	ZR42K5-TF5			ZR38KA-TFE		ZR36K3-TFD	
				ZR42KA-TF5		ZR36K3-TFE	
	ZR42K5-TFD			ZR44KA-TF5		ZR40K3-TF5	
				ZR42KA-TFD	ZR40KC-TFD	ZR42K3-TF5	
	ZR42K5-TFE			ZR44KA-TFD	ZR42KC-TFD	ZR40K3-TFD	
				ZR42KA-TFE		ZR42K3-TFD	
4T			ZR46K2-TF5		ZR45KC-TF5	ZR42K3-TFE	
	ZR48K5-TF5		ZR49K2-TF5		ZR45K3-TF5		
					ZR46KC-TF5	ZR45K3-TF5	
					ZR47KC-TF5	ZR46K3-TF5	
					ZR48KC-TF5	ZR47K3-TF5	
	ZR48K5-TF7				ZR49KC-TF5	ZR48K3-TF5	
					ZR46KC-TF7	ZR49K3-TF5	
					ZR47KC-TF7	ZR46K3-TF7	
					ZR48KC-TF7		
					ZR49KC-TF7		
			ZR46K2-TFD		ZR45KC-TFD	ZR45K3-TFD	
	ZR48K5-TFD		ZR49K2-TFD		ZR46KC-TFD	ZR46K3-TFD	
					ZR47KC-TFD	ZR47K3-TFD	
					ZR48KC-TFD	ZR48K3-TFD	
					ZR49KC-TFD	ZR49K3-TFD	
			ZR46K2-TFE		ZR45KC-TFE	ZR46K3-TFE	
4.5T	ZR54K5-TF5			ZR54KA-TF5	ZR54KC-TF5	ZR47K3-TFE	
						ZR48K3-TFE	
	ZR54K5-TF7				ZR54KC-TF7	ZR49K3-TFE	
	ZR54K5-TFD			ZR54KA-TFD	ZR54KC-TFD	ZR52K3-TF5	
	ZR54K5-TFE			ZR54KA-TFE	ZR54KC-TFE	ZR52K3-TFD	
5T						ZR54K3-TFD	
			ZR57K2-TF5		ZR57KC-TF5	ZR52K3-TFE	
			ZR57K2-TFD		ZR57KC-TFD	ZR54K3-TFE	
			ZR57K2-TFE		ZR57KC-TFE		
			ZR61K2-TF5		ZR61KC-TF5	ZR57K3-TF5	
			ZR61K2-TFD		ZR61KC-TFD	ZR57K3-TFD	
			ZR61K2-TFE		ZR61KC-TFE	ZR57K3-TFE	

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™ ZRK5 Compressor Cross Reference Guide

Single Phase

TONNAGE	ZRK5	Bristol	Tecumseh	Carlyle	LG	Danfoss
3T	ZR32K5-PFV	H20C343ABC		SCD340AC	SQ032K	HRM032U1
		H21C343ABC		SCD340HC	SQ034K	HRM034U1
		H23C323ABC		XCD340HA	SQA032K	
		H23C343ABC			SQA034K	
	ZR32K5-PFJ					
	ZR38K5-PFV	H20C373ABC		SCD370AC	SQ036K	HRM038U1
		H20C403ABC		SCD380HC	SQ038K	
		H21C383ABC		XCD380HA	SQA036K	
		H21C403ABC			SQA038K	
		H23C383ABC				
	ZR38K5-PFJ		AH8543E			
			AV5538E			
			AVA5538EXV			

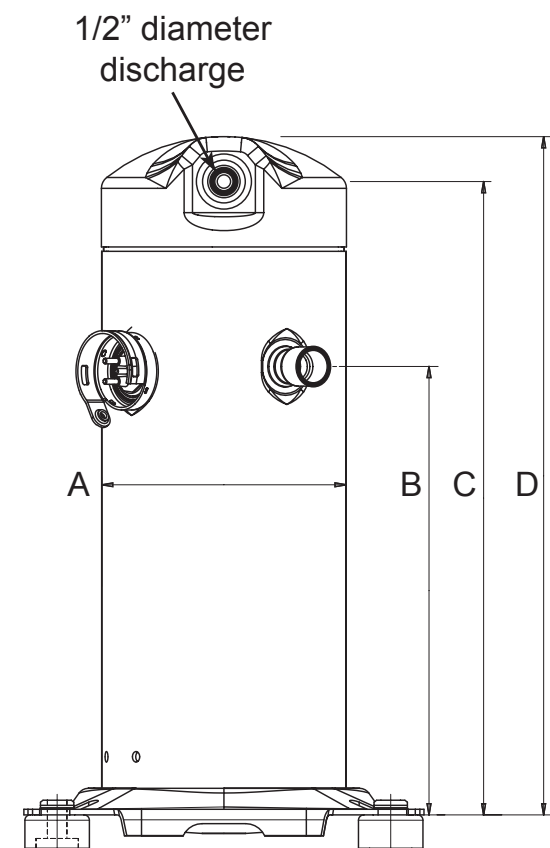
Code	Hz-Phase-Volts
PFV	60-1-208/230
PFJ	60-1-265
TF5	60-3-200/230
TFD	60-3-460
TFE	60-3-575
TF7	60-3-380

Three Phase

TONNAGE	ZRK5	Bristol	Tecumseh	Carlyle	LG	Danfoss
3T	ZR32K5-TF5	H20C343DBL		SCY342AC		HRM032U2
		H20C343DBY		SCY342HC		HRM034U2
		H21C343DBY		XCY342HA		
	ZR32K5-TF7					HRM034T9
						MT028-9
						MT032-9
	ZR32K5-TFD	H20C343DBE		SCH342AC		HRM032U4
		H21C343DBE		SCH342HC		HRM034T4
	ZR32K5-TFE			XCH342HA		HRM034U4
						HRM034U7
	ZR38K5-TF5	H20C373DBL		SCY372AC		HDM037T2
		H20C373DBY		SCY382HC		HRM038U2
		H20C403DBL		XCY382HA		
		H20C403DBY				
		H23C383DBD				
		H23C403DBD				
	ZR38K5-TF7	H20C373DBX		SCT42AC	SQ036U	HRM038T9
		H20C423DBX			SQ042U	HRM042T9
						MT036-9
	ZR38K5-TFD	H20C373DBE		SCH372AC		HDM037T4
		H20C403DBE		SCH382HC		HRM038T4
		H23C383DBE		XCH382HA		HRM038U4
		H23C403DBE				HRM040T4
	ZR38K5-TFE	H20C373DBF		SCJ372AC		HDM037T7
		H23C383DBF		XCJ382HA		HRM038U7

Copeland Scroll™ Service Compressor Specification Chart

Model	ARI Capacity Btu/hr	RLA Amps (TF5/TFD)	Run Cap MFD / Volts	Start Cap MFD/Volts	Relay P/N	Diameter Inches (A)	Suction Height Inches (B)	Discharge Height Inches (C)	Height Inches (D)	Weight Lbs.	Suction Diameter Inches
ZR16K5-PFV	15,500	9.3	30/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	47	3/4
ZR18K5-PFV	18,000	10.7	30/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	47	3/4
ZR21K5-PFV	21,000	12	35/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	47	3/4
ZR21K5-PFJ	21,000	10.4	35/370	88-106/330	040-0166-15	5.5	10.1	14.2	15.3	47.2	3/4
ZR21K5-TF5/D	21,000	8.6/4.3	N/A	N/A	N/A	5.5	10.1	14.2	15.3	45	3/4
ZR21K5-TF7	21,000	4.3	N/A	N/A	N/A	5.5	10.1	14.2	15.3	48.9	3/4
ZR25K5-PFV	25,300	15	40/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	50	3/4
ZR25K5-PFJ	25,300	12.1	35/440	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	49	3/4
ZR25K5-TF5/D	25,300	8.9/4.6	N/A	N/A	N/A	5.5	10.1	14.2	15.3	48	3/4
ZR25K5-TF7	25,300	4.9	N/A	N/A	N/A	5.5	10.1	14.2	15.3	48.8	3/4
ZR28K5-PFV	28,400	15.7	45/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	50	3/4
ZR28K5-PFJ	28,400	13.9	45/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	50.9	3/4
ZR28K5-TF5/D	28,400	11.1/5.7	N/A	N/A	N/A	5.5	10.1	14.2	15.3	48	3/4
ZR28K5-TF7	28,400	5.7	N/A	N/A	N/A	5.5	10.1	14.2	15.3	50.3	3/4
ZR32K5-PFV	32,600	17.1	50/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	50	3/4
ZR32K5-PFJ	32,600	14.3	45/370	88-106/330	040-0166-37	5.5	10.1	14.2	15.3	50.7	3/4
ZR32K5-TF5/D	32,600	12/6.4	N/A	N/A	N/A	5.5	10.1	14.2	15.3	49	3/4
ZR32K5-TFE	32,600	4.6	N/A	N/A	N/A	5.5	10.1	14.2	15.3	47.8	3/4
ZR32K5-TF7	32,600	6.4	N/A	N/A	N/A	5.5	10.1	14.2	15.3	49.4	3/4
ZR38K5-PFV	38,000	21.4	55/370	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	64	7/8
ZR38K5-PFJ	38,000	17.1	60/370	88-106/330	040-0166-07	6.5	11.1	15.4	16.4	68.8	7/8
ZR38K5-TF5/D	38,000	13.6/6.4	N/A	N/A	N/A	6.5	11.1	15.4	16.4	60	7/8
ZR38K5-TFE	38,000	4.8	N/A	N/A	N/A	6.5	11.1	15.4	16.4	63.6	7/8
ZR38K5-TF7	38,000	6.9	N/A	N/A	N/A	6.5	11.1	15.4	16.4	60.7	7/8
ZR42K5-PFV	42,200	22.1	55/370	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	68	7/8
ZR42K5-PFJ	42,200	19.3	60/440	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	68.3	7/8
ZR42K5-TF5/D	42,200	14.3/6.4	N/A	N/A	N/A	6.5	11.1	15.4	16.4	61	7/8
ZR42K5-TFE	42,200	5.3	N/A	N/A	N/A	6.5	11.1	15.4	16.4	61.5	7/8
ZR48K5-PFV	48,200	24.3	60/440	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	72	7/8
ZR48K5-PFJ	48,200	21.4	80/440	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	64.2	7/8
ZR48K5-TF5/D	48,200	17.1/7.9	N/A	N/A	N/A	6.5	11.1	15.4	16.4	68	7/8
ZR48K5-TFE	48,200	5.8	N/A	N/A	N/A	6.5	11.1	15.4	16.4	64.2	7/8
ZR48K5-TF7	48,200	8.1	N/A	N/A	N/A	6.5	11.1	15.4	16.4	64.2	7/8
ZR54K5-PFV	53,500	28.2	80/370	88-106/330	040-0166-37	6.5	11.1	15.4	16.4	73	7/8
ZR54K5-TF5/D	53,500	17.1/7.9	N/A	N/A	N/A	6.5	11.1	15.4	16.4	69	7/8
ZR54K5-TFE	53,500	5.9	N/A	N/A	N/A	6.5	11.1	15.4	16.4	68	7/8
ZR54K5-TF7	53,500	8.5	N/A	N/A	N/A	6.5	11.1	15.4	16.4	68.3	7/8
ZR57K3-PFV	58,000	32.1	80/370	270-324/330	040-0166-37	7.3	11.7	16.1	18	90	7/8
ZR57K3-TF5/D	58,500	19.3/9.1	N/A	N/A	N/A	7.3	11.7	16.1	18	85	7/8
ZR61K3-PFV	62,000	32.1	80/370	270-324/330	040-0166-37	7.3	11.7	16.1	18	90	7/8
ZR61K3-TF5/D	62,000	19.3/9.1	N/A	N/A	N/A	7.3	11.7	16.1	18	85	7/8
ZR61K3-TFE	62,000	7.9	N/A	N/A	N/A	7.3	11.7	16.1	18	84	7/8



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

Other available information includes:
A/C Compressor Product Guide (2008ECT-113)
ZRK5 Product Brochure (2009ECT-98)

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

EmersonClimate.com

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