

Mbsm.pro, compressor, ZR57KE-TFD, 4.8
hp, 13.900 w, 47500 btu, r22,
emerson, copeland, scroll, ZR Series,
380-420V/50Hz, 3 Ph

Category: air conditioner,compressor
written by Lilianne | 28 January 2024

EMERSON
Climate Technologies

MODEL **ZR57KE-TFM**

SERIAL **15LE3717Z**

Copeland Scroll

OIL		RLN CAP NO CAPACITOR	V ~ 380-420	PH 3	Hz 50	LRA I-BLOCK 64.5-71.3	I-OPER MAX 10.0	Q (m³/h) 13.43	ROTOR 2500	DIS IP 20
46	L 1.36									
MINERAL		MFD VOLTS	MADE IN CHINA BY EMERSON CLIMATE TECHNOLOGIES (SUZHOU) LTD							

WARNING **警告**

Service should be performed by trained personnel only. Failure to follow these safety warnings could result in serious injury or death.

ELECTRICAL SHOCK HAZARD
Turn off power before servicing. Discharge all capacitors. Use this equipment in a grounded system only. Wear protective goggles. System pressure from both high and low side when exposing compressor. Use tubing cutter to cut to applicable system wiring diagram. Replace terminal cover if applicable, before applying power.

CAUTION
Use only approved refrigerants / lubricants and approved components in the manner approved by the manufacturer. For details, refer to Form 93-11 available on the Emerson Climate Technologies website. Any others may be dangerous, and could cause fires, explosions, or mechanical shoring.

只有受过培训的人员方能维护。如未遵守以下安全警告可能导致严重伤害或死亡。

电击风险
维护前先关闭电源。使所有的电容器放电。仅在接地系统中使用本设备。戴上防护的护目镜。系统中含有高压侧和低压侧的压力。移除压缩机前释放高压侧和低压侧的压力。用切管器移除压缩机。不要使用火焰切割设备。参考正确的系统接线图。如适用，在应用电源前把接线端盖盖上。

小心
只能以厂商认可的方法使用经批准的制冷剂/润滑油和电气元件。有关详情请参考 Emerson Climate Technologies 网站上的 93-11 号表格。使用任何其他物质都是危险的，可能导致火灾、爆炸，或者电气故障。

Model	Nominal HP	Capacity		Input Power (W)	Current (A)	COP (W/W)	EER (Btu/ W h)	Displacement (cc/ Rev.)	Oil Quantity (l)	Net Weight (kg)	LRA (A)	Sound Power (dBA)	
		(W)	(Btu/h)										
ZR22K3	TFD	1.8	5,350	18,200	1,770	3.2	3.02	10.3	30.7	1.12	24.5	24.0	65.0
ZR24K3	TFD	2.0	5,900	20,200	1,920	3.5	3.08	10.5	34.0	1.12	25.0	26.0	65.0
ZR26K3	TFD	2.2	6,350	21,700	2,010	3.8	3.17	10.8	36.1	1.12	26.8	26.0	65.0
ZR28K3	TFD	2.3	6,900	23,600	2,150	4.0	3.22	11.0	39.3	1.12	25.4	32.0	65.0
ZR30K3	TFD	2.5	7,400	25,200	2,290	4.2	3.22	11.0	42.0	1.24	25.9	32.0	65.0
ZR32K3	TFD	2.7	7,750	26,500	2,430	4.4	3.19	10.9	43.4	1.24	26.3	35.0	68.0
ZR34K3	TFD	2.8	8,250	28,100	2,500	4.6	3.28	11.2	46.2	1.24	26.9	40.0	68.0
ZR36K3	TFD	3.0	8,850	30,200	2,700	4.8	3.28	11.2	49.5	1.24	27.2	40.0	68.0
ZR40K3	TFD	3.3	9,750	33,300	2,970	5.3	3.28	11.2	54.2	1.24	28.1	46.0	68.0
ZR42K3	TFD	3.5	10,250	35,000	3,110	5.5	3.31	11.3	57.2	1.24	28.2	46.0	68.0
ZR44K5	TFD	3.7	10,600	36,100	3,280	5.4	3.22	11.0	58.4	1.24	28.9	41.0	70.0
ZR45KC	TFD	3.8	11,100	37,900	3,320	6.1	3.34	11.4	61.1	1.36	28.1	48.0	68.0
ZR47KC	TFD	3.9	11,550	39,400	3,430	6.3	3.37	11.5	64.2	1.36	28.1	48.0	68.0
ZR48KC	TFD	4.0	11,850	40,500	3,600	6.1	3.28	11.2	65.5	1.36	28.1	50.0	68.0
ZR54KE	TFD TFM TFP	4.5	13,200	45,000	3,920	7.4	3.37	11.5	73.1	1.36	29.9	71.3	69.0
ZR54KS	TFD	4.5	13,200	45,000	3,920	7.1	3.37	11.5	73.1	1.24	29.9	56.0	69.0
ZR57KE	TFD TFM TFP	4.8	13,900	47,500	4,130	7.8	3.37	11.5	77.2	1.36	28.6	71.3	69.0
ZR57KS	TFD	4.8	14,050	48,000	4,170	7.5	3.37	11.5	77.2	1.24	30.0	56.0	69.0
ZR61KE	TFD TFM TFP	5.1	14,950	51,000	4,470	8.3	3.34	11.4	82.6	1.36	29.9	58.0	69.0
ZR61KS	TFD	5.1	14,950	51,000	4,430	7.9	3.37	11.5	82.6	1.24	29.9	59.0	69.0
ZR68KC	TFD	5.7	16,900	57,500	4,960	8.6	3.40	11.6	93.0	1.77	39.0	74.0	72.0

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SERIAL 15LE3717Z

Copeland Scroll

MAX OIL PRES H/L BARS 27.5 / 20.0		OIL L 46 1.36		R/LN CAP. NO CAPACITOR		V ~ 380-420		PH 3		Hz 50		LRA I-BLOCK 64.5-71.3		I-OPER MAX 10.0		Q (m³/h) 13.43		RSDR (°C) 2800		BCK P C	
MINERAL		MFD VOLTS		MADE IN CHINA BY EMERSON CLIMATE TECHNOLOGIES (SUZHOU) LTD		THERMALLY PROTECTED															

WARNING

Service should be performed by trained personnel only. Failure to follow these safety warnings could result in serious injury or death.

ELECTRICAL SHOCK HAZARD
Disconnect power before servicing. Discharge all capacitors. Use this equipment in a grounded system only. Wear protective goggles. System pressure may build up under pressure. System pressure may build up on both high and low side of compressor. Do not use torch. Use tubing cutter to remove compressor. Refer to applicable system wiring diagram. Replace terminal cover, if applicable, before applying power.

CAUTION

Use only approved refrigerants / lubricants and electrical components in the manner approved by the manufacturer. For details, refer to Form 93-11 available on the Emerson Climate Technologies website. Any others may be dangerous, and could cause fires, explosions, or electrical shorting.

警告

只有受过培训的人员方能维护。如未遵守以下安全警告可能导致重伤或死亡。

电击风险
维护前关闭电源。使所有的电容器放电。仅在接地系统中使用本设备。戴上防护的护目镜。系统中含有高压油和制冷剂。移除压缩机前释放高压侧和低压侧的正气。切勿使用明火拆卸油盘。参考正确的系统接线图。如适用，在关闭电源前，把接线端盖盖上。

小心

只能以厂商认可的方法使用经批准的制冷剂、润滑油和电气元件。有关详情请参考 Emerson Climate Technologies 网站上的 93-11 号表格。使用任何其他物质都是危险的，可能导致火灾、爆炸，或者电气短路。

Model	Nominal HP	Capacity		Input Power (W)	Current (A)	COP (W/W)	EER (Btu/ W h)	Displacement (cc/ Rev.)	Oil Quantity (l)	Net Weight (kg)	LRA (A)	Sound Power (dBA)
		(W)	(Btu/h)									
ZR18K5 PFV	1.5	5,300	18,000	1,705	7.8	3.09	10.6	25.2	0.74	22.2	55.0	68.0
ZR22K3 PFV	1.8	6,550	22,400	2,090	9.0	3.14	10.7	30.7	1.12	25.9	56.0	68.0
ZR24K3 PFV	2.0	7,200	24,500	2,230	10.3	3.22	11.0	34.0	1.12	26.3	61.0	68.0
ZR26K3 PFV	2.2	7,800	26,600	2,440	11.1	3.19	10.9	36.1	1.12	26.8	67.0	68.0
ZR28KM PFV	2.3	8,250	28,100	2,450	10.9	3.34	11.4	37.2	0.77	19.4	61.5	66.0
ZR28KC PFV	2.3	8,500	29,000	2,620	12.0	3.22	11.0	39.3	1.12	26.7	73.0	68.0
ZR30K3 PFV	2.5	9,100	31,100	2,800	12.6	3.25	11.1	42.0	1.24	28.1	73.0	68.0
ZR32K3 PFV	2.7	9,550	32,600	2,960	13.6	3.22	11.0	43.4	1.24	28.7	83.0	71.0
ZR34K3 PFV	2.8	10,100	34,400	3,060	14.1	3.28	11.2	46.2	1.24	28.5	88.0	71.0
ZR36K3 PFV	3.0	10,800	36,900	3,290	14.9	3.28	11.2	49.5	1.24	29.0	95.0	71.0
ZR40K3 PFV	3.3	11,900	40,600	3,630	16.8	3.28	11.2	54.2	1.24	29.7	104.0	71.0
ZR42K3 PFV	3.5	12,550	42,800	3,790	17.2	3.31	11.3	57.2	1.24	30.4	109.0	71.0
ZR47K3 PFV	3.9	14,150	48,200	4,190	18.2	3.37	11.5	63.3	1.24	31.3	137.0	71.0
ZR48K3 PFV	4.0	14,600	49,800	4,330	19.5	3.37	11.5	65.6	1.24	32.2	137.0	71.0
ZR54K3 PFV	4.5	16,100	55,000	4,830	21.4	3.34	11.4	73.2	1.66	43.1	148.0	74.0
ZR57K3 PFV	4.8	17,000	58,000	5,040	23.6	3.37	11.5	77.2	1.66	40.8	148.0	74.0
ZR61K3 PFV	5.1	18,200	62,000	5,450	24.8	3.34	11.4	82.6	1.66	40.8	148.0	74.0
ZR68KC PFV	5.7	20,400	69,500	6,200	28.0	3.28	11.2	93.0	1.77	40.4	176.0	74.0



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