



变速制冷压缩机降低能耗 延长设备使用寿命



变转速压缩机技术的优势：

根据制冷箱体的负载输出制冷量，与定速压缩机相比具有确定的节能效果。



高能效



低噪音



环境友好



宽电压

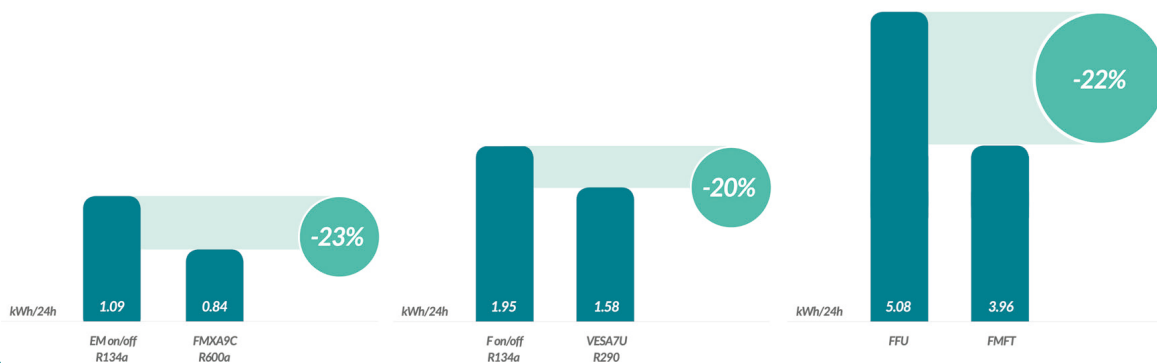


快速制冷



寿命更长、软启动、压力小

应用案例



embraco
Nidec

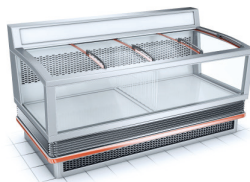
主要应用



立式冷柜



立式展示柜



岛柜



立式饮料柜

压缩机技术参数

制冷剂	型号	应用	工况	排量	蒸发温度范围	测试工况	转速	制冷量	能效
R290	VEMT404U	L/MBP	1/3+	4,3	-40°C to 0°	ASHRAE LBP	1200 - 4500	108 - 354	1,93
	VEMT406U	L/MBP	1/2	6,4	-40°C to 0°	ASHRAE LBP	1600 - 4500	157 - 434	1,72
	VEHT409U	L/MBP	1/2+	9,0	-40°C to 0°	ASHRAE LBP	1600 - 4500	228 - 675	1,77
	VEHT413U	L/MBP	1	12,7	-40°C to 0°	ASHRAE LBP	1600 - 4500	343 - 939	1,71
	VESA5U	LBP	1/5	5.19	-40°C to -10° C	ASHRAE LBP	1600 - 4000	121 - 328	1.72
	VESA7U	L/MBP	1/3	7.15	-40° C to 0° C	ASHRAE LBP	1600 - 4000	182 - 482	1.74
	FMFT411U	L/MBP	3/4	11,0	-40°C to 0°	ASHRAE LBP	1800 - 4500	349 - 867	1,92
	FMFD413UE	L/MBP	1	11,0	-40°C to 0°	ASHRAE LBP	1600 - 5000	324 - 958	1,98
	FMFT213U	LBP	1+	13,0	-40°C to 0°	ASHRAE LBP	1800 - 4500	413 - 963	1,87
	FMFT413U	L/MBP	1+	13,0	-40°C to 0°	ASHRAE LBP	1800 - 4500	401 - 1000	1,88
	FMFT415U	L/MBP	1/1/4	14,8	-40°C to 0°	ASHRAE LBP	1600 - 5000	458 - 1276	1,84
	VNEX219U**	LBP	1/1/2	18,7	-40°C to 0°	ASHRAE LBP	2200 - 5000	610 - 1376	1,86
	VNEX221U**	LBP	1	21,0	-40°C to 0°	ASHRAE LBP	2200 - 5000	799 - 1668	1,8
	VNEX619U**	MBP	1	18,7	-20° to 0°	EN12900 MBP	2200 - 5000	900 - 2250	2,4
R600a	VNEX621U**	MBP	1	21,0	-20° to 0°	EN12900 MBP	2200 - 5000	1257 - 2593	2,35
	FMSA4C	L/MBP	1/16	2,8	-35° to 0°	ASHRAE LBP	1800 - 6300	43 - 86	1,67
	FMXY4C	L/MBP	1/16	4,0	-35° to 0°	ASHRAE LBP	1300 - 4000	21 - 71	1,57
	FMXD4C	L/MBP	1/16	4,0	-35° to 0°	ASHRAE LBP	1300 - 4000	22 - 72	1,66
	VESD5C	L/MBP	1/12	5,2	-35° to -5°	ASHRAE LBP	1200 - 4500	34 - 126	1,79
	VESF5C	L/MBP	1/12	5,2	-35° to 0°	ASHRAE LBP	1200 - 4500	33 - 119	1,76
	FMXY6C	L/MBP	1/10	6,2	-35° to 0°	ASHRAE LBP	1300 - 4000	39 - 121	1,65
	FMXD6C	L/MBP	1/10	6,2	-35° to 0°	ASHRAE LBP	1300 - 4000	41 - 126	1,81
	VESD7C	LBP	1/9	7,2	-35° to -10°	ASHRAE LBP	1200 - 4500	49 - 184	1,92
	VESF7C	L/MBP	1/9	7,2	-35° to 0°	ASHRAE LBP	950 - 4500	35 - 163	1,87
	FMSA9C	L/MBP	1/7	6,5	-35° to 0°	ASHRAE LBP	1800 - 6300	69 - 215	1,78
	FMXY9C	L/MBP	1/7	8,7	-35° to 0°	ASHRAE LBP	1300 - 4000	62 - 180	1,65
	FMXD9C	L/MBP	1/6	8,7	-35° to 0°	ASHRAE LBP	1300 - 4000	62 - 187	1,84
	VESF9C	L/MBP	1/6	9,0	-35° to 0°	ASHRAE LBP	950 - 4500	47 - 188	1,94
	VESG9C	L/MBP	1/6	9,0	-35° to 0°	ASHRAE LBP	950 - 4500	47 - 210	1,94
	VESD11C	LBP	1/5	11,1	-35° to -10°	ASHRAE LBP	1200 - 4500	86 - 276	1,96
	VESF11C	L/MBP	1/5	11,1	-35° to 0°	ASHRAE LBP	1200 - 4500	63 - 254	1,97
	VESG11C	L/MBP	1/5	11,1	-35° to 0°	ASHRAE LBP	950 - 4500	63 - 254	1,97
	VESD13C	LBP	1/4	13,3	-35° to -10°	ASHRAE LBP	1300 - 4500	103 - 300	1,91

测试工况: ASHRAE 工况低背压: 蒸发温度 -23.3 摄氏度, 冷凝温度 54.4 摄氏度
EN12900 中背压: 蒸发温度 -10 摄氏度, 冷凝温度 45 摄氏度
产品仍在开发阶段, 初步测试参数

大制冷量高效变速压缩机的领军产品



VNEX

主要应用: 岛柜、步入式冷柜、展示柜、医疗柜。