



杭州钱江制冷集团有限公司
Hangzhou Qianjiang Refrigeration Group Co., Ltd.

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2019 压缩机产品目录 CATALOGUE

杭州钱江制冷集团有限公司

Hangzhou Qianjiang Refrigeration Group Co., Ltd.



2018年“WANSHENG”压缩机产销量突破1850万台

全球产销量累计突破2亿万台

具备年产2500万台的生产能力

打造全球化的民族品牌压缩机生产、研发基地

引领中国名牌 进一步打造世界名牌制冷压缩机

The productive capacity and sales volume of "WANSHENG" compressors have exceeded 18.5 million sets in the year of 2018

The accumulated productive capacity and sales volume of compressors have exceeded 250 million sets both in domestic and overseas markets.

The annual productive capacity of compressors is around 25 million sets.

Creating the global R&D and production base of national-brand compressor

Leading Chinese famous brands and making further effort to create world famous brand in refrigeration compressors

全球营销网络

Global Marketing Network



万胜压缩机主要配套品牌: 海尔、海信(科龙)、美的、奥马、星星、美的、晶弘、新飞、华日、澳柯玛、韩电、银都、万宝、格林、浪木、金鱼、安吉尔、BIRA DD、CANDY 等国内外众多一线品牌。

"Wansheng" compressor is the supporting brand of Haier, Hisense(Kelon), Meiling, Omer, Xingxing, Midea, Jinghong, Xinfel, Huar, Aucma, KEG, Yindu, Wanbao, Gelin, Langmu, Goldfish, Angel, BIRA DD, CANDY and other first-class domestic and overseas brands.

销售区域: 从立足中国市场到覆盖全球 50 多个国家和地区, 形成全球营销网络布局。

Sales Region: Covers from China to more than 50 countries and regions all over the world, forming a global marketing network.

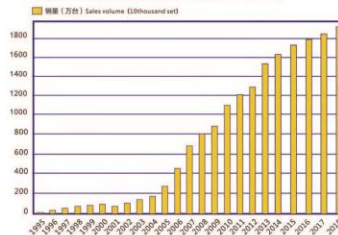
国内销售优势: 产品结构丰富, 包含 8 大系列 100 多个型号规格的产品, 能满足不同客户的特殊需求; 产销量连续 6 年稳居全国行业第三, 截止 2018 年底全球累计产销量突破 2 亿台, 在全球客户群中知名度高, 影响范围广, 资金实力雄厚, 有杭州钱江制冷集团的强大后盾支撑。

Domestic Sales Advantage: A variety of products, including 8 series of compressors and more than 100 models available, can meet the requirements of different customers.

The productive capacity and sales volume of compressors have continuously ranked at the third place in Chinese refrigeration industry for the past six years. The accumulated productive capacity and sales volume have exceeded 200 million units till the year of 2018. Our products have high popularity and influence among the customers all over the world.

The company has strong financial strength supported by Hangzhou Qianjiang Refrigeration Group.

钱江压缩机公司1995-2018年产销量 (万台)
The sales volume of Qianjiang compressor Co., Ltd. from 1995 to 2018



全球拓展策略:

公司稳扎稳打, 步步为营, 在全球布局营销网络, 逐步推进亚洲、北美、南美、澳洲、中东、非洲的战略布局, 与 50 多个国家和地区的全球知名冰箱冷柜制造厂家达成全面战略合作关系, 公司将进一步拓展国际市场, 力争未来三年外贸销售量突破 200 万台, 销售额达 5000 万美金。

Global Promoting Strategy:

The company steadily promotes global marketing layout in Asia, Europe, South America, North America, Australia, Middle East and Africa and has established comprehensive strategic cooperation relationship with world renowned refrigerator and freezer manufacturers in more than 50 countries and regions. The company will further expand international market and strive to break through the foreign trade sales volume of 2 million units and the sales amount of USD 50 million in the next 3 years.



创新科技, 引领未来
Innovative Technology, Leading the Future

精益求精, 专业与科技铸造百年品牌!
精工细作, 科技与责任铸造产品价值!

Keeping improving; Profession and technology make century brand!

Creating masterpiece by precision; Technology and responsibility create the value of products!

定频压缩机性能参数 Constant Speed Compressor Performance Parameters

R600a-低背压技术参数 R600a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling Motor type	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device
MD	QD35Y	220-240v ~50Hz	3.3	S	RSIR	52	1.05/1.2	AI	/	/	145	PTC
	QD35YV		3.3	S	RSCR	52	1.30	AI	/	2.5	145	PTC
	MV40Y		4.3	S	RSIR	70	0.95	AI	/	/	145	PTC
	QD43Y		4.6	S	RSIR	75	1.00	AI	/	/	145	PTC
	QV43Y		4.3	S	RSCR	75	1.25	AI	/	2.5	145	PTC
	QD52Y		5.2	S	RSIR	85	1.10	AI	/	/	145	PTC
	WV35YT		3.3	S	RSCR	53	1.60	AI	/	2.5	165	e-PTC
	QD35YV		3.3	S	RSCR	53	1.3/1.43	AI	/	2.5	153	PTC
	*WV35YZ		3.3	S	RSCR	53	1.65	AI	/	2.5	165	e-PTC
	QV43Y		4.3	S	RSCR	73	1.40	AI	/	2.5	1534	PTC
N	WV43YT	4.3	S	RSCR	75	1.60	AI	/	2.5	165	e-PTC	
	QD52YV	5.2	S	RSCR	85	1.50	AI	/	3.0	163	PTC	
	WV52YT	5.2	S	RSCR	85	1.60	AI	/	3.0	165	e-PTC	
	QD52Y	5.2	S	RSIR	85	1.30	AI	/	/	155	PTC	
	QD65YV	6.0	S	RSCR	100	1.60	AI	/	3.0	165	PTC	
	QD60Y	6.0	S	RSIR	100	1.15/1.30	AI	/	/	155	PTC	
	N0100YGL	6.0	S	RSIR	100	1.45	AI	/	/	165	PTC	
	QD65Y	6.5	S	RSIR	110	1.25/1.35	AI	/	/	163	PTC	
	NX0115YV	6.5	S	RSCR	115	1.65	AI	/	3.0	165	PTC	
	QD75YV	7.5	S	RSCR	130	1.55	AI	/	3	171	PTC	
J	QD75Y	8.0	S	RSIR	135	1.25	AI	/	/	165	PTC	
	J0140YL	8.0	S	RSIR	135	1.25	AI	/	/	165	PTC	
	J075YZL	4.3	S	RSCR	75	1.72	AI	/	3.0	176	e-PTC	
	J085YZL	5.2	S	RSCR	85	1.72	AI	/	3.0	176	e-PTC	

R600a-低背压技术参数 R600a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling Motor type	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device
J	J0100YVL	220-240v ~50Hz	6.0	S	RSCR	100	1.65	AI	/	3.0	171	PTC
	J0100YTL		6.0	S	RSCR	100	1.75	AI	/	3.0	176	e-PTC
	J0110YVL		6.5	S	RSCR	110	1.65	AI	/	3.0	171	PTC
	J0110YTL		6.5	S	RSCR	110	1.75	AI	/	3.0	176	e-PTC
	J0120YVL		7.0	S	RSCR	120	1.65	AI	/	3	176	PTC
	J0120YTL		7.0	S	RSCR	120	1.72	AI	/	3	176	EPTC
	J0130YGL		7.5	S	RSIR	130	1.45	AI	/	/	171	PTC
	J0130YVL		7.5	S	RSCR	130	1.65	AI	/	3	176	PTC
	J0130YTL		7.5	S	RSCR	130	1.70	AI	/	3	176	e-PTC
	J0140YL		8.0	S	RSIR	136	1.30	AI	/	/	166	PTC
	J0140YGL		8.0	S	RSIR	136	1.50	AI	/	/	166	PTC
	J0145YL		8.5	S	RSIR	145	1.30	AI	/	/	171	PTC
	J0145YGL		8.5	S	RSIR	145	1.45	AI	/	/	176	PTC
	QD85Y		8.5	S	RSIR	145	1.35	AI	/	/	176	PTC
	J0145YVL		8.5	S	RSCR	145	1.65	AI	/	4	176	PTC
	J0155YL		9.0	S	RSIR	155	1.30	AI	/	/	171	PTC
	J0155YGL		9.0	S	RSIR	155	1.45	AI	/	/	176	PTC
	QD91YV		9.0	S	RSCR	155	1.55	AI	/	4	176	PTC
	J0155YVL		9.0	S	RSCR	155	1.65	AI	/	4	179	PTC
	J0165YL		9.3	S	RSIR	165	1.30	AI	/	/	171	PTC
J0165YGL	10.3	S	RSIR	165	1.42	AI	/	/	176	PTC		
QD103Y	10.3	S	RSIR	168	1.25	AI	/	/	171	PTC		
QD103YG	10.3	S	RSIR	168	1.40	AI	/	/	176	PTC		
QD110Y	11.0	S	RSIR	185	1.25	AI	/	/	171	PTC		

定频压缩机性能参数 Constant Speed Compressor Performance Parameters

◆ R600a-低背压技术参数
R600a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device
WX	WX60YT	220-240V ~50Hz	6.0	S	RSCR	100	1.80	AI	/	3	176	PTC
	WX60YZL		6.0	S	RSCR	102	1.83	AI	/	2.5	176	e-PTC
	WX65YTL		6.5	S	RSCR	115	1.78	AI	/	3	176	e-PTC
	WX70YZL		6.5	S	RSCR	115	1.83	AI	/	2.5	176	e-PTC
	WX65YZL		7.0	S	RSCR	120	1.83	AI	/	3	176	e-PTC
	WX70YTL		7.0	S	RSCR	120	1.78	AI	/	3	176	e-PTC
	WX80YTL		8.0	S	RSCR	140	1.78	AI	/	4	176	e-PTC
	WX80YZL		8.0	S	RSCR	140	1.83	AI	/	4	176	e-PTC
	WX80YVL		8.0	S	RSCR	140	1.70	AI	/	4	176	PTC
	WX91YVL		9.1	S	RSCR	152	1.70	AI	/	4	176	PTC
	WX91YTL		9.1	S	RSCR	152	1.75	AI	/	4	176	e-PTC
	WX98YTL		9.8	S	RSCR	168	1.75	AI	/	4	176	e-PTC
	WX103YVL		10.3	S	RSCR	180	1.68	AI	/	4	176	PTC
	WX103YTL		10.3	S	RSCR	180	1.75	AI	/	4	176	e-PTC
	WX110YTL		11.0	S	RSCR	200	1.75	AI	/	4	176	e-PTC
WD	WD118YT	220-240V ~50Hz	11.8	S	RSCR	200	1.80	AI	/	4	182	e-PTC
	WD128Y		12.8	S	RSIR	215	1.30	AI	/	/	174	PTC
	WD128YG		12.8	S	RSIR	215	1.45	AI	/	/	174	PTC
	WD128YV		12.8	S	RSCR	215	1.70	AI	/	4	182	PTC
	WD142Y		14.2	S	RSIR	240	1.30	AI	/	/	179	PTC
	WD142YG		14.2	S	RSIR	240	1.45	AI	/	/	179	PTC
	WD142YV		14.2	S	RSCR	240	1.70	AI	/	5	182	PTC
	WD153YG		15.3	S	RSIR	255	1.55	AI	/	/	182	PTC
	WD153Y		15.3	S	RSIR	255	1.30	AI	/	/	182	PTC
	WD153YV		15.3	S	RSCR	255	1.70	AI	/	5	182	PTC

◆ R600a-低背压技术参数
R600a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device	
MD	UKN35YA	115V ~60Hz	3.3	S	RSIR	63	1.18	AI	/	/	145	PTC	
	QD3511Y-A		3.3	S	RSCR	63	1.28	AI	/	6	145	PTC	
N	UKV35YAX		3.3	S	RSCR	63	1.5	AI	/	6	165	PTC	
	UKN35YAT		3.3	S	RSCR	63	1.6	AI	/	6	165	e-PTC	
	UKN43YA		4.3	S	RSIR	85	1.3/1.4	AI	/	/	155	PTC	
	*UKN43YAT		4.3	S	RSCR	86	1.6	AI	/	6	165	e-PTC	
	UKN43YAX		4.3	S	RSIR	85	1.5	AI	/	6	165	PTC	
	UKV52YAX		5.2	S	RSCR	95	1.5	AI	/	6	165	PTC	
	UKV52YA		5.2	S	RSIR	95	1.3/1.4	AI	/	/	155	PTC	
	UKN60YA		6	S	RSIR	115	1.3/1.4	AI	/	/	163	PTC	
	J		UKT60YAX	6	S	RSCR	115	1.55	AI	/	6	176	PTC
			UKT65YA	6.5	S	RSIR	125	1.3	AI	/	/	171	PTC
UKT65YAX			6.5	S	RSCR	125	1.55	AI	/	6	171	PTC	
UKT75YA			7.5	S	RSIR	145	1.3	AI	/	/	171	PTC	
UKT75YAX			7.5	S	RSCR	145	1.5	AI	/	10	176	PTC	
UKT80YA		8.0	S	RSIR	155	1.3	AI	/	/	176	PTC		
WX	UKT80YAX	8.0	S	RSCR	155	1.55	AI	/	6	176	PTC		
	UKT91YA	9.1	S	RSIR	170	1.3	AI	/	10	176	PTC		
	UKX65YTL	6.5	S	RSCR	140	1.8	AI	/	/	176	e-PTC		
	UKX70YTL	7.0	S	RSCR	165	1.8	AI	/	12	176	e-PTC		
	UKX80YTL	8	S	RSCR	170	1.8	AI	/	12	176	e-PTC		
	UKX91YAX	9.1	S	RSCR	190	1.55	AI	/	6	176	PTC		
	UKX103YAX	10.3	S	RSCR	210	1.60	AI	/	12	176	PTC		
	UKX103YTL	10.3	S	RSCR	210	1.75	AI	/	12	176	PTC		

定频压缩机性能参数 Constant Speed Compressor Performance Parameters

◆ R600a-低背压技术参数 R600a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device
MD	QD35YB	220-240v 60Hz	3.3	S	RSIR	63	1.15	AI	/	/	145	PTC
	WV43YB		4.3	S	RSIR	85	1.35	AI	/	/	155	PTC
	N43YVB		4.3	S	RSCR	85	1.60	AI	/	2.5	165	e-PTC
N	WV52YB		5.2	S	RSIR	95	1.30	AI	/	/	155	PTC
	N52YVB		5.2	S	RSCR	95	1.60	AI	/	3.0	165	PTC
	QD65YB		6.0	S	RSIR	118	1.40	AI	/	/	163	PTC
J	J0100YVB		6.0	S	RSIR	115	1.60	AI	/	3	176	PTC
	QD75YB		7.5	S	RSIR	145	1.30	AI	/	/	171	PTC
	QD85YB		8.5	S	RSIR	155	1.20	AI	/	/	171	PTC
	QD91YB		9.1	S	RSIR	170	1.3/1.45	AI	/	/	176	PTC
	QD103YB		10.3	S	RSIR	200	1.30	AI	/	/	176	PTC
WX	WX91YB		220v ~60Hz	7.0	S	RSCR	150	1.70	AI	/	/	176
	*WX70YVB	8.0		S	RSCR	170	1.70	AI	/	/	176	PTC
	*WX80YVB	9.1		S	RSIR	180	1.48	AI	/	/	176	PTC
	*WX91YVB	9.1		S	RSCR	180	1.70	AI	/	/	176	PTC



◆ R134a-低背压技术参数 R134a-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device	
MD	QD2511H	115V ~60Hz	2.5	S	RSIR	72	0.85	AI	/	/	143	PTC	
	QV3011H		3.0	S	RSIR	89	1.05	AI	/	/	145	PTC	
N	*N3811H		3.3	S	RSIR	115	1.25	AI	/	/	163	PTC	
	WV4311H		4.3	S	RSIR	135	1.25	AI	/	/	163	PTC	
	WV5211H		5.2	S	RSIR	157	1.25	AI	/	/	165	PTC	
WX	WS5711H		5.7	S	RSCR	200	1.50	AI	/	12	176	PTC	
	WS7011H		7.0	S	RSCR	245	1.50	AI	/	12	176	PTC	
WD	WS8511H		8.5	S	RSCR	290	1.45	AI	/	12	182	PTC	
MD	QV20H		220/50	2.2	S	RSIR	53/64	0.78/0.85	AI	/	/	141	PTC
	QD25H			2.5	S	RSIR	63/72	0.8/0.9	AI	/	/	141	PTC
	QV30H			3.0	S	RSIR	75/88	0.95/1.03	AI	/	/	145	PTC
N	QD43H			4.3	S	RSIR	110/130	1.0/1.1	AI	/	/	165	PTC
	QD52H	5.2		S	RSIR	130/140	1.0/1.1	AI	/	/	163	PTC	
JS	QD65H	6.5		S	RSIR	168/180	1.1/1.2	AI	/	/	176	PTC	
	QD75H	7.0		S	RSIR	180/195	1.1/1.2	AI	/	/	176	PTC	
WD	QD91H	8.0		S	RSIR	208	1.10	AI	/	/	176	PTC	
	WD93H(50)	9.3		S	RSIR	240	1.2/	AI	/	/	180	PTC	
	WS98H(50)	9.8		S	RSIR	280	1.2/	AI	/	/	180	PTC	
	WS103H	10.3		S	RSIR	300/330	1.2/1.3	AI	/	/	180	PTC	
	QD110H	11.0		F	RSIR	320/340	1.2/1.3	AI	/	/	182	PTC	
	AK318H	11.0	F	RSIR	318	1.20	AI	/	/	200	重锤		
	AK358H	12.8	F	CSIR	358	1.20	AI	80	/	200	重锤		
	AK388H	14.2	F	CSIR	388	1.20	AI	80	/	200	重锤		
	AK418H	15.3	F	CSIR	418	1.20	AI	80	/	200	重锤		

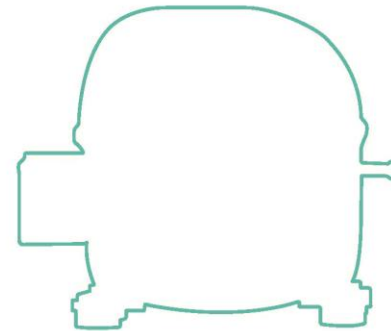
定频压缩机性能参数 Constant Speed Compressor Performance Parameters

◆ R290-低背压技术参数
R290-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)	能效 COP (w/w)	电机描述 Motor description	启动电容	运行电容	高度 Height (mm)	启动器 Starting Device
									Starting capacitor (μF)	Running capacitor (μF)		
WX	QM43UG	220-240V ~50Hz	4.3	S	RSCR	200	1.6	AI	/	5	176	PTC
	WX45UT		4.5	S	RSCR	210	1.75	AI	/	6	176	e-PTC
	QM46UG		4.6	S	RSCR	220	1.6	AI	/	5	176	PTC
	QM48UG		4.8	S	RSCR	250	1.6	AI	/	5	176	
	QM50UG		5.2	S	RSCR	280	1.6	AI	/	6	176	PTC
	QM61UG		5.2	S	RSCR	280	1.65	AI	/	6	176	e-PTC
	WX50UT		5.2	S	RSCR	300	1.75	AI	/	6	176	e-PTC
	WX55UT		5.6	S	RSCR	310	1.75	AI	/	6	176	e-PTC
	QM55UG		5.6	S	RSCR	300	1.6	AI	/	6	176	PTC
	QM70UG		5.6	S	RSCR	300	1.65	AI	/	6	176	e-PTC
	WX61UT		6.0	S	RSCR	330	1.75	AI	/	6	176	e-PTC
	QM50UT		6.0	S	RSCR	320	1.6	AI	/	6	176	PTC
	QM61UT		6.0	S	RSCR	320	1.65	AI	/	6	176	e-PTC
	QM55UT		7.0	S	RSCR	350	1.6	AI	/	6	176	PTC
	WD		QM80U	8.0	F1	CSIR	400	1.3	AI	80	/	176
QM91U		9.1	F1	CSIR	450	1.3	AI	80	/	202	重锤	
QM110U		11.0	F1	CSIR	500	1.3	AI	80	/	202	重锤	
QM128U		12.8	F1	CSIR	581	1.3	AI	80	/	207	重锤	
WD	WD70UT	7.0	F1	RSCR	350	1.55	AI	/	6	182	PTC	
	WD80UT	8.0	F1	RSCR	400	1.55	AI	/	6	182	PTC	
WX	QM50UTB	220-240V ~60Hz	5.0	F1	RSCR	320	1.76	AI	/	6	176	e-PTC

◆ R290-低背压技术参数
R290-LBP Technical DataSheet

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	制冷量 Capacity (W)					电机描述 Motor description	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	高度 Height (mm)	启动器 Starting Device
						-15℃	-10℃	-5℃	0℃	7.2℃					
N	QZ30HG	220-240V ~50Hz	3.3	S	RSIR	80	105	138	186	300	AI	/	/	155	PTC
	QZ38HG		3.5	S	RSIR	141	169	214	263	350	AI	/	/	163	PTC
	QZ45HG		4.3	S	RSIR	153	184	232	286	420	AI	/	/	165	PTC
	QZ55HG		5.2	S	RSIR	198	221	278	343	450	AI	/	/	165	PTC
	QZ65HG		6.5	S	RSIR	248	281	355	437	580	AI	/	/	176	PTC
J	QM70H		7.0	S	RSIR		353	443	570	789	AI	/			



定频压缩机性能参数 Constant Speed Compressor Performance Parameters

◆ R290 L/MBP 220-240V~50Hz 中低背压技术参数 R290 L/MBP 220-240V~50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement cm ³	制冷量Capacity (W)					COP (W/W) @-23.3/6.4	电机类型 Motor type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJ2160U	18.01	730	949	1138	1454	1757	1.35	CSR	电压式	80	15
QJ2170U	20.90	860	1118	1341	1713	2070	1.35	CSR	电压式	80	15
QJ2180U	23.66	960	1248	1497	1912	2311	1.35	CSR	电压式	80	15

◆ R404a L/MBP 220-240V~50Hz 中低背压技术参数 R404a L/MBP 220-240V~50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement cm ³	制冷量Capacity (W)					COP (W/W) @-23.3/6.4	电机类型 Motor type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJ2168GK	18.01	880	1050	1195	1510	1775	1.3	CSR	电压式	80	15
QJ2178GK	20.90	990	1180	1345	1695	2000	1.3	CSR	电压式	80	15
QJ2192GK	23.66	1080	1290	1470	1850	2180	1.3	CSR	电压式	80	15

◆ R290 L/MBP 220-240V~50Hz 中低背压技术参数 R290 L/MBP 220-240V~50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement cm ³	制冷量Capacity (W)					COP (W/W) @-23.3/6.4	电机类型 Motor type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJF2140U	9.99	500	650	779	996	1203	1.35	CSR	电压式	80	15
QJF2150U	13.54	610	793	951	1215	1468	1.35	CSR	电压式	80	15
QJF2160U	16.80	720	936	1123	1434	1733	1.35	CSR	电压式	80	15

◆ R404a L/MBP 220-240V~50Hz 中低背压技术参数 R404a L/MBP 220-240V~50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement cm ³	制冷量Capacity (W)					COP (W/W) @-23.3/6.4	电机类型 Motor type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJF2155GK	9.99	660	858	1029	1314	1589	1.35	CSR	电压式	80	15
QJF2165GK	13.54	730	949	1138	1454	1757	1.35	CSR	电压式	80	15
QJF2175GK	16.80	860	1118	1341	1713	2070	1.35	CSR	电压式	80	15

产品系列 Range	产品型号 Model	电压/频率 (V/Hz)	气缸容积 Displacement cm ³	冷却方式 Cooling	电机类型 Motor type	转速 Speed (RPM)	制冷量 Capacity (W)	能效 COP (W/W)	电机描述 Motor description	高度 Height (mm)						
VFC	VFC60Y	220-240V ~50Hz	6.0	S	BLDC	1200	45	1.75	AI	153						
						2400	75	1.8								
						3000	95	1.75								
	VFC70YL		4500			140	1.65									
			1200			55	1.85									
			2400			103	1.9									
	VFC91YL		3000			125	1.85									
			4500			175	1.7									
			1200			65	1.85									
	VFM		VFM60YL			220-240V ~50Hz	6.0	S			BLDC	1200	45	1.7	AI	148
												2400	75	1.75		
												3000	95	1.7		
VFM70YL		4500	140	1.65												
		1200	55	1.7												
		2400	103	1.75												
VFM91YL		3000	127	1.7												
		4500	175	1.65												
		1200	65	1.7												
VFM91YL		2400	135	1.75												
		3000	163	1.7												
		4500	225	1.65												

定频压缩机性能参数

Constant Speed Compressor Performance Parameters

R290-L/MBP 220~240V/50Hz中低背压技术参数
R290-L/MBP 220~240V/50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement (cm ³)	制冷量 Capacity (W)					COP (W/W)	电机类型 Motor Type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJ2155U	16.88	639	830	996	1280	1530	1.33	CSR	电压式	80	15
QJ2160U	18.01	698	907	1088	1390	1680	1.35	CSR	电压式	80	15
QJ2170U	20.90	813	1055	1266	1560	1860	1.35	CSR	电压式	80	15
QJ2180U	23.66	900	1209	1450	1790	2010	1.35	CSR	电压式	80	15

R404a-L/MBP 220~240V/50Hz中低背压技术参数
R404a-L/MBP 220~240V/50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement (cm ³)	制冷量 Capacity (W)					COP (W/W)	电机类型 Motor Type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJ2158GK	16.88	830	1020	1180	1330	1590	1.33	CSR	电压式	80	15
QJ2168GK	18.01	920	1120	1290	1430	1730	1.35	CSR	电压式	80	15
QJ2178GK	20.90	1000	1220	1360	1610	1970	1.35	CSR	电压式	80	15
QJ2192GK	23.66	1080	1290	1470	1850	2180	1.35	CSR	电压式	80	15

R134a-L/MBP 220~240V/50Hz中低背压技术参数
R134a-L/MBP 220~240V/50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement (cm ³)	制冷量 Capacity (W)					COP (W/W)	电机类型 Motor Type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)
		-23.3℃	-15℃	-10℃	-5℃	0℃					
QJ2133H	16.88	450	610	790	990	1100	1.1	CSR	电压式	80	15
QJ2136H	18.01	485	660	880	1090	1300	1.1	CSR	电压式	80	15
QJ2139H	20.90	550	735	990	1260	1450	1.2	CSR	电压式	80	15
QJ2148H	23.66	585	800	1150	1380	1600	1.2	CSR	电压式	80	15

R22-L/MBP 220~240V/50Hz中低背压技术参数
R22-L/MBP 220~240V/50Hz Technical DataSheet

产品型号 Model	气缸容积 Displacement (cm ³)	制冷量 Capacity (W)					COP (W/W)	电机类型 Motor Type	启动器 Starting Device	启动电容 Starting capacitor (μF)	运行电容 Running capacitor (μF)	
		-23.3℃	-15℃	-10℃	-5℃	0℃						7.2℃
QJ5217D	16.88		550	820	1160	1500	1976	2.2	CSR	电压式	80	15
QJ5219D	18.01		780	990	1380	1750	2209	2.3	CSR	电压式	80	15
QJ5221D	20.90		950	1220	1590	1950	2442	2.3	CSR	电压式	80	15
QJ5223D	23.66		1200	1450	1800	2200	2675	2.2	CSR	电压式	80	15

制冷量范围(W) Cooling Capacity Range

应用类型 Application	产品系列 Serial	MD	N	J	WX	WD	QJ	VFC	TK
LBP R600a	52-85	53-140	100-200	98-190	220-288			40-260	
LBP R134a	35-89	75-157	168-235				370-580	90-320	
MBP/HBP R134a (@7.2℃)		208-455		580	350-910	1300-1980			
HBP/MBP R22 (@7.2℃)		260-340		500-1280	1300-1600	1950-2750			3611-4780
LBP R404a							2080-3030		
LBP R406a			130-208			280-390			
LBP R290		75-150		200-300	350-500				

1. 应用类型: 低背压(LBP)蒸发温度-35°~-15°, 中背压(MBP)蒸发温度-10°~-0°, 高背压(HBP)蒸发温度-5°~-15°
2. 冷却方式: S-自然冷却, F1-风扇直径为200mm, 风速为1.5m/s的风冷, F2-风扇直径为200mm, 风速为3.0m/s的风冷。
3. 电机类型: RSR-电阻启动, RSCR-电阻启动电容运行, CSR-电容启动电容运行, CSR-电容启动电容运行。
4. 主要参数变化范围: 制冷量±9%, 额定电流±11%, 额定功率±11%, 性能系数±9%。
5. 以上数据如有变动, 恕不另行通知。

1. Application: low back pressure(LBP)-evaporating temperature-35°~-15°, medium back pressure(MBP)-evaporating temperature-10°~-0°, high back pressure(HBP)-evaporating temperature-5°~-15°.
2. Cooling: S-natural cooling, F1-fan diameter 200mm, 1.5/s air cooling of wind velocity, F2-fan diameter 200mm, 3.0m/s air cooling of wind velocity.
3. Motor type: RSR, RSCR, CSR, CSR.
4. Tolerance of main performance data: cooling capacity ±9%, rated current ±11%, rated power ±11%, COP ±9%.
5. All data is subject to change without notice.

测试工况 Test Conditions	低背压 LBP ASHRAE	低背压 (℃) LBP CECOMAF	中高背压 (℃) M/HBP	单位换算 Conversion Table
蒸发温度 Evap Temp℃	-23.3	-25	7.2	1W = 0.86 Kcal/h
环境温度 Amb Temp℃	32.2	32	32.2	1W = 3.412 Btu/h
过冷温度 Subcooling Temp℃	32.2	85	46.1	1Kcal/h = 1.162 W
冷凝温度 Cond Temp℃	54.4	55	54.4	1Kcal/h = 3.966 Btu/h
吸气温度 Suction Temp℃	32.2	32	35	Capacity(at 50Hz) x 1.16 = Capacity(at 60Hz)

感谢您使用“万胜”冰箱、冷柜压缩机。

请在使用前仔细阅读产品说明书并遵照其规定正确使用,在使用过程中有任何疑问,

请致电杭州制冷客户服务中心。

Thank you for using our "WANSHENG" refrigerator and freezer compressors. Please read the products manual carefully and comply with the instructions. Any query, please call customer-service line of Hangzhou Qianjiang compressor Co., Ltd.

中国国内市场销售服务电话

0571 - 88683827 / 88685629 / 88685591

Sales Service Telephone of International Market

(0086) 0571-88686081 / 87889608



MD 系列压缩机

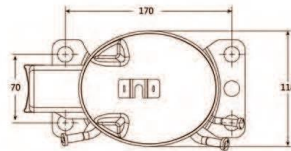
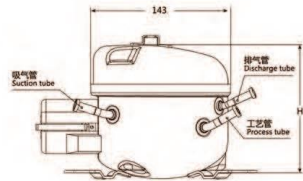
MD series

应用类型: 中低背压, 饮水机, mini 冰箱, mini 冰柜, 酒柜, 制冷机等小型制冷器具。

优点: 具有较高的可靠性和稳定性; 结构型式紧凑, 具有更加宽广的安装空间; 体积小; 效率高; 噪声低; 振动小。

Application: water dispenser, MINI refrigerator, MINI freezer, liquor cabinet, ice machine and other refrigeration equipments.

Characteristics: High Reliability & stability, Compact structure for larger installation space, Small size, High efficiency, Low sound & vibration



MD 系列外形图
Outline of MD series compressors



J 系列压缩机

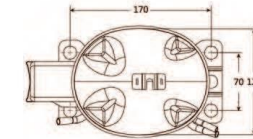
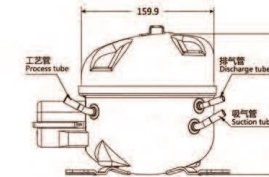
J Series

应用类型: 冰箱, 冰柜, 酒柜, 展示柜等其他中型制冷器具。

优点: 启动性能稳定; 高效; 稳定性高; 低噪音; 低振动。

Application: refrigerator, freezer, liquor cabinet, display cabinet and other medium sized refrigeration equipments.

Characteristics: Reliable starting performance, High efficiency & reliability, Low sound & vibration



J 系列外形图
Outline of J series compressors



N 系列压缩机

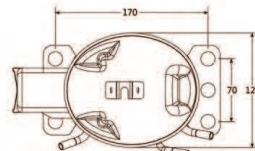
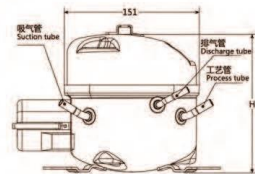
N Series

应用类型: 饮水机, 小冰箱, 小冰柜, 酒柜, 制冰机等其他小型制冷器具。

优点: 外形尺寸小; 高效; 稳定性高; 启动性能稳定; 低噪音; 低振动。

Application: water dispenser, small-sized refrigerator, small-sized freezer, liquor cabinet, ice machine and other refrigeration equipments.

Characteristics: Small size, High efficiency & stability, Reliable starting performance, Low sound & vibration



N 系列外形图
Outline of N series compressors



WX 系列压缩机

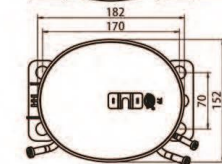
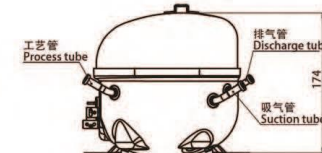
WX Series

应用类型: 冰箱, 冷柜, 酒柜, 展示柜等中高端制冷器具。

优点: 电压适用范围更广; 体积小; 效率高; 可靠性好; 启动性能好; 噪声低; 振动小。

Application: refrigerator, freezer, liquor cabinet, display cabinet and other medium sized refrigeration equipments.

Characteristics: A wide range voltage application, small size, High efficiency & reliability, Good start-up performance, Low sound & vibration



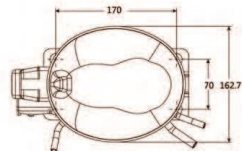
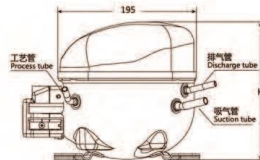


WD 系列压缩机 WD Series

应用类型: 冰箱、冷柜、制冰机等大中型制冷器具。
优点: 启动性能好; 效率高; 噪声低; 振动小。

Application: Large size refrigerator, freezer, ice machine and other large sized refrigeration equipments.

Characteristics: Good start-up performance, High efficiency, Low sound & vibration



WD 系列外形图
Outline of WQ series compressors

排气和工艺管安装位置: Discharge and process tube (311) (mm)



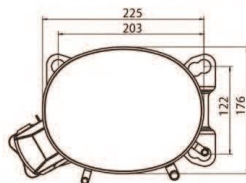
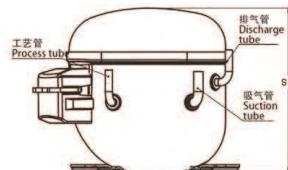
QJ 系列压缩机 QJ Series

应用类型: 应用类型: 橱柜、冷柜、展示柜、自动售货机、制冰机等大中型制冷器具。

优点: 噪声小; 振动小; 效率高; 启动性能好。

Application: Cabinet, freezer, display cabinet, vending machine, ice machine and other large sized refrigeration equipments.

Characteristics: Good start-up performance, low sound & vibration, High efficiency.



QJ 系列外形图
Outline of QJ series compressors

排气和工艺管安装位置: Discharge and process tube (311) (mm)



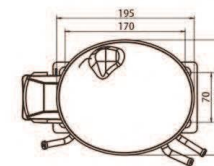
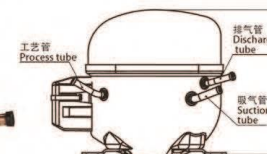
QM 系列压缩机 QM Series

应用类型: 应用类型: 橱柜、冷柜、展示柜、自动售货机、制冰机等大中型制冷器具。

优点: 噪声小; 振动小; 效率高; 启动性能好。

Application: Cabinet, freezer, display cabinet, vending machine, ice machine and other large sized refrigeration equipments.

Characteristics: Good start-up performance, low sound & vibration, High efficiency.



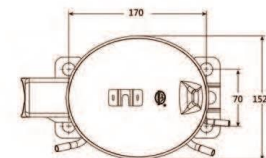
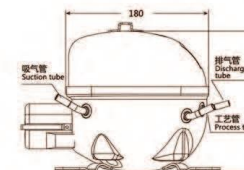
VFC 系列压缩机 VFC Series

应用类型: 豪华三开门、对开门等冰箱。

优点: 制冷速度快; 适用范围广; 启动性能好; 比传统压缩机节能近 30%。

Application: Widely used in luxury three-door refrigerator, Side-by-side combination refrigerator and other refrigeration equipments.

Characterized: Cool quickly, A wide range application, Good start-up performance, 30% less energy consumption than traditional compressors



VFC 系列外形图
Outline of VFC series compressors

排气和工艺管安装位置: Discharge and process tube (311) (mm)

产品通用要求

- 1.压缩机应储置于干燥通风的场所。
- 2.压缩机存放、运输时不得倾斜或倒置，同时避免撞击，安装水平与工作状况倾斜不大于5°。
- 3.压缩机安装前切勿将橡胶塞拔掉，以免杂物和潮气进入，安装时压缩机胶塞的拔出顺序必须为排气管、工艺管、吸气管，拔出橡胶塞后应在10分钟内安装完毕。
- 4.压缩机的接地装置应永久可靠地与制冷器具的接地装置连接。
- 5.为保持系统压力平衡，压缩机运行间隔时间不得少于5分钟。
- 6.压缩机内注有本公司认可的最佳的专用冷冻机油，不得随意倒出或添加。
- 7.若压缩机附件（如启动器、热保护器等）交货时未安装在压缩机上而是在附件箱内，则必须选用相对应型号的启动器、热保护器等。
- 8.按低、中、高背压正确匹配压缩机许可的蒸发温度并注意各类压缩机许可的电压、频率范围。
- 9.压缩机不能承受高压或真空条件下启动、运行，不能在真空状态下检测绝缘电阻与耐压强度。
- 10.凡直接进气和半直接进气的压缩机工艺管和吸气管不能互换，否则压缩机性能将难以保证。
- 11.不能用压缩机进行抽真空，不能采用氧气注入制冷系统进行检漏等相关操作，否则容易造成安全事故。
- 12.制冷系统设计时应充分考虑系统回油。
- 13.压缩机的工作环境湿度不能高于43℃，在最高室温（43℃）时，其连续运转时电流、输入功率不应超过压缩机的极限值。
- 14.压缩机出厂后库存期最好不要超过6个月，如果超过请检查压缩机内干燥氮气是否充足，必要时应补充。

General requirements

- 1.Compressor should be stored in a dry and drafty place.
- 2.Compressor should not be tilted or inverted in storage, transportation and installation; collision should be avoided.
- 3.Rubber plugs should not be pulled out from discharge tube before installation so as to avoid impurity and humidity. During the installation, the rubber plugs of discharge tube should be pulled out at first, then the rubber plugs of process tube, and the rubber plugs of process suction tube at last. The installation should be completed within 10 min after that.
- 4.The compressor's ground connection should be reliably connected with that of the refrigeration appliance all the time.
- 5.In order to keep a pressure balance in system, the interval of operation should not be less than 5 min.

6.The charging volume of refrigerant oil has been optimized by our company. Don't pour any oil out or into the compressor randomly.

7.The accessories (eg. Starter, thermal protection etc.) are not installed into the compressor with delivery, but in the accessory case. Be sure to select the corresponding starter and thermal protection models rightly.

8.Match the proper evaporating temperatures according to the low, middle and high back pressure requirements. Pay attention to the admitted ranges of voltage and frequency for the different models.

9.Compressor can not afford a high-voltage or starting/ running under vacuum condition. Checking insulation and compressive resistance in vacuum is not allowed.

10.The process or suction tube of direct and semi-direct gas compressor can not be interchanged or it would be difficult to guarantee the performance of compressor.

11.Don't use the compressor as vacuum-pumping. The oxygen injection should be used for leak detection of refrigeration system, or it would possibly cause accidents.

12.The oil return in system has been fully taken into consideration in design.

13.The temperature of compressor working environment should not be higher than 43 °C. The current and input power in its continuous operation should not exceed the limitation of the compressor at the highest room temperature(43°C).

14.The stocking period must be less than 6 months after the date of production. If longer, you have to check whether the filled dry nitrogen is sufficient. Replenishment must be done if necessary.

R600a 系列压缩机特殊要求

1.R600a（碳氢）压缩机与制冷器具匹配应用中应遵守并熟练掌握碳氢工质的安全规程，使用相应的工具设备进行操作。

2.压缩机运行状况：万胜 R600a 系列压缩机能在 0.22Mpa（表压）的平衡压力、85% 额定电压下启动、运行，在特定条件下压缩机能在电压低至 165V，高至 242V 下启动和运行。

3.R600a 压缩机内已加注万胜牌压缩机认可的经严格工艺处理过的最佳专用冷冻机油，不得随意倒出或添加，否则所有的技术将无法保证有效。

4.R600a 压缩机必须采用 PTC 启动器。

R134a 系列压缩机特殊要求

1.R134a 压缩机的敞口时间应尽可能短，不得超过 10 分钟。

2.抽真空泵和充注设备必须专用于 R134a。

3.与 R134a 不相溶的有机物在制冷系统中不得使用。

4.R134a 制冷系统应使用与 R134a 相适应的干燥过滤器。

5.R134a 制冷系统应严格控制水份、杂质、石蜡、硅油和氟离子等含量。

6.R134a 压缩机内注有万胜牌认可的专用脂类油，不得随意倒出或添加。

R290 系列压缩机特殊要求

1.R290 制冷剂压缩机与制冷器具匹配应用中应遵守并熟练掌握 R290 制冷剂的安安全规程，使用相应的工具进行操作。

2.压缩机运行状况：万胜 R290 系列压缩机能在 0.8Mpa 的平衡压力、85% 额定电压下启动运行，在特定条件下压缩机能在电压低至 165V，高至 242 下启动运行。

3.R290 压缩机内已加注万胜牌压缩机认可的经严格工艺处理过的最佳专用冷冻机油，不得随意倒出或添加，否则所有技术保证将无效。

压缩机执行标准

1.GB/T5773-2004《容积式制冷剂压缩机性能试验方法》

2.GB9098-2008《电冰箱用全封闭型电动机—压缩机》

3.GB4706.17-2004《家用和类似用途电器的安全电动机—压缩机特殊要求》

Special requirements for R600a compressor

1.The machine application of R600a (hydrocarbon) compressor and refrigeration equipment should be in compliance with the safety regulation on hydrocarbon refrigerants. Appropriate equipments and tools should be used in operation.

2.Compressor working condition: Wansheng R600a series compressors can start and run under the 0.25Mpa(gauge) balance pressure and 85% rated voltage; under special conditions. Voltage low to 165V and high to 242V is allowable.

3.Strictly processed refrigerant oil has been authorized by Wansheng Compressor to add into R600a compressor. It is allowed to pure out or add randomly, otherwise all technical assurance would be invalid.

4.PTC starting relay must be used in R600a compressor.

Special requirements for R134a compressor

1.Don't keep the R134a compressor connect pipe open too long better, no more than 10 minutes.

2.The vacuum pump and the charging system must only be dedicated to R134a.

3.The organic substance non-compatible with R134a can't be used in the refrigeration system.

4.R134a refrigerant system should be used in line with the dry filter.

5.R134a refrigerant system should strictly control the moisture, impurities, paraffin wax, such as silicone oil, and the content of chloride ion.

6.R134a is Qianjiang injection compressor refrigeration approved for lipid oil, are not allowed to randomly pour or add.

Special requirements for R290 compressor

1.The machine application of R290 compressor and refrigeration equipment should be in compliance with the safety regulation on R290 refrigerants. Appropriate equipments and tools should be used in operation.

2.Compressor working condition: Wansheng R290 series compressors can start and run under the 0.8Mpa(gauge) balance pressure and 85 % rated voltage; under special conditions. Voltage low to 165V and high to 242V is allowable.

3.Strictly processed refrigerant oil has been authorized by Wansheng Compressor to add into R290 compressor. It is not allowed to pure out or add randomly, otherwise all technical assurance would be invalid.

Executive Standard

1.GB/T5773-2004《The methods of performance test for positive displacement refrigerant》

2.GB9098-2008《Hermetic motor-compressors of refrigerators》

3.GB4706.17-2004《Safety of household and similar electrical appliances particular requirement for motor-compressors》