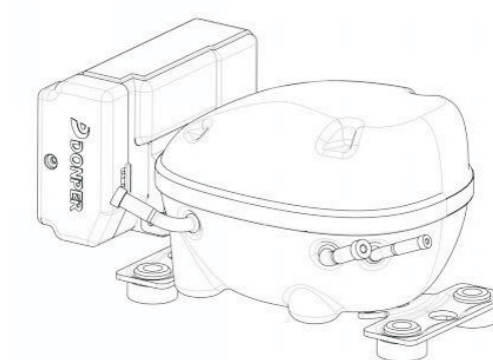


DONPER

2023

**COMPRESSOR
CATALOGUE**

产品目录



黄石东贝压缩机有限公司
Huangshi Donper Compressor Co., Ltd.

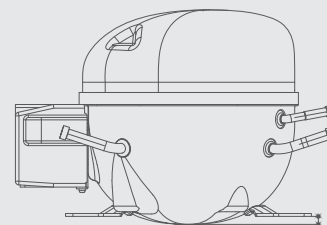
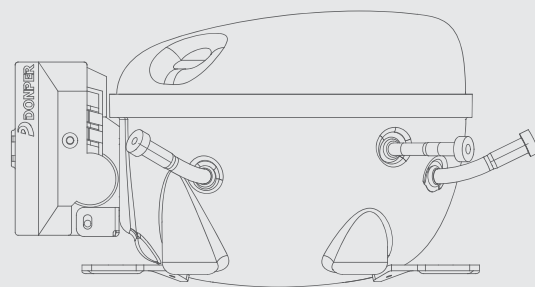
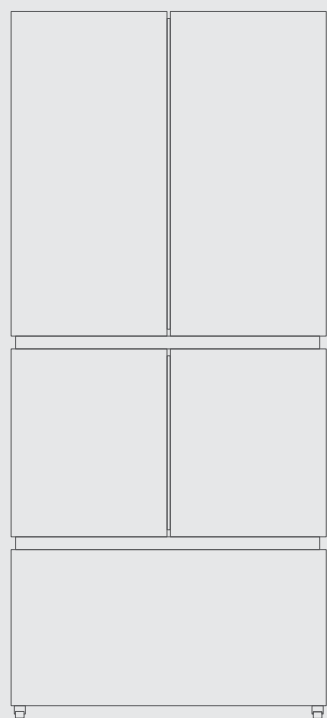
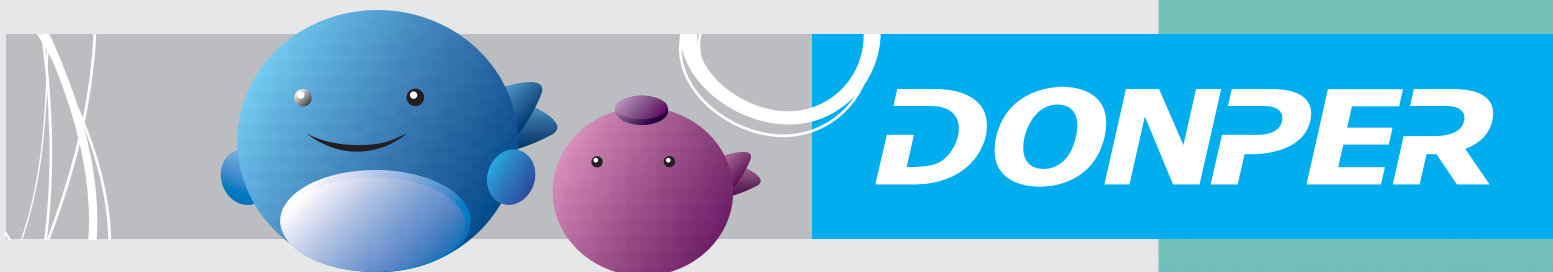


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此技术参数仅供参考, 产品持续改进会导致参数有所变动恕不另行通知

The technical parameters in this catalogue are only for reference. Specifications are subjected to change without notice.

黄石东贝压缩机有限公司
Huangshi Donper Compressor Co., Ltd.



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About Donper

大事记
Company Events

产品介绍
Our Products

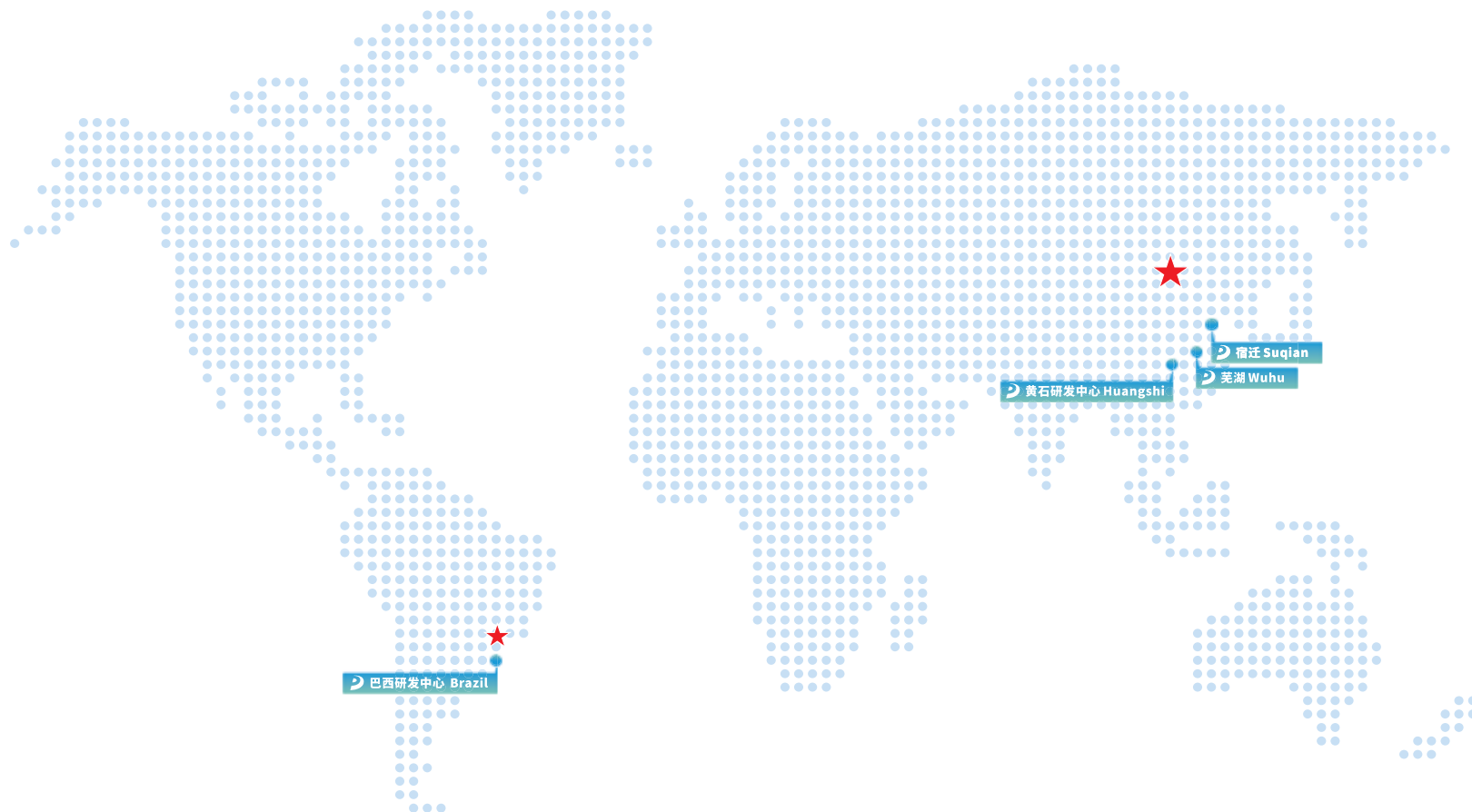
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DONPER

R & D CENTER

研发中心



巴西研发中心 Joinville R&D Center



黄石研发中心 Huang shi R&D Center
黄石工厂 Huang shi Plant



芜湖工厂 Wuhu Plant



宿迁工厂 Suqian Plant

公司简介

COMPANY PROFILE

黄石东贝压缩机有限公司是一家专业研发、生产、销售制冷压缩机的高新技术企业，是A股上市公司东贝集团（股票代码601956）旗下的核心子公司。

公司长期致力于低碳、高效、节能、环保制冷压缩机的研究，以科技创新为发展核心战略，构建了完善的创新体系。在中国黄石、巴西若因维利分别建有研发中心。公司拥有国家地方联合工程研究中心、国家认定企业技术中心、院士专家工作站、博士后科研工作站等九大创新平台，研发的多项先进技术领跑同行。先后被认定为“国家技术创新示范企业”、“国家知识产权示范企业”，自主研发的高效节能节材型压缩机荣获国家科学技术进步奖。

公司先后从德国、瑞士、日本、意大利引进了国际先进水平的生产设备和生产线，能生产15大系列400余个品种压缩机。产品主要采用R600a、R290、C-H混合工质、R1234yf、R404A、R134a等制冷剂，具有型号多、规格全、冷量范围宽、功率跨度大的特点，年生产能力达4600万台。公司的压缩机产品可应用于冰箱、冷柜、制冷陈列柜、展示柜、厨房冰箱、红酒柜、自动售卖机、冰淇淋机、饮水机、-40℃~-86℃医疗深冷柜、低温存储柜、海鲜柜等多种制冷器具。

公司拥有德国VDE和中国CNAS认可的实验室，产品通过了3C、VDE、TUV、UL、CE、KC、Inmetro等认证，远销亚洲、欧洲、美洲等60多个国家和地区；是B/S/H/、三星、松下、惠而浦、夏普、海尔、海信、美的、三菱等国内外知名品牌的战略供应商。公司在德国、土耳其、墨西哥、巴西、南非、印度等地均设有技术服务网点，为客户提供一流的制冷解决方案。

公司先后荣获“联合国GEF激励计划大奖”、“中国制造业单项冠军产品”、“全国质量工作先进单位”、“出入境检验检疫信用管理AA级企业”、“全国实施卓越绩效模式先进企业特别奖”、“全国守合同重信用单位”、“湖北省长江质量奖”等荣誉。

Huangshi Donper Compressor Co., Ltd is a high-tech enterprise specializing in R&D, production and sales of refrigeration compressors, it is the core subsidiary of Donper Group (stock code 601956), a listed company in A-share market.

The company has been committed to the research of low-carbon, high-efficiency, energy-saving and environmental-protection refrigeration compressor for a long time, taking technical innovation as the development core strategy and built a perfect innovation system. The company has established R&D centers in Huangshi, China, and Joinville, Brazil. The company has nine innovation platforms, including national local joint engineering research center, national recognized enterprise technology center, academician expert workstation, post doctoral research station, etc., and a number of advanced technologies lead the industry. It has been recognized as "National Technological Innovation Demonstration Enterprise" and "National Intellectual Property Rights Demonstration Enterprise". The independent research and development of high-efficiency, energy-saving, and material-saving compressor, which has won the "National Science and Technology Progress Award".

The company has successively imported international advanced production equipments and production lines from Germany, Switzerland, Japan and Italy, which can produce more than 400 varieties of 15 series compressors. The products mainly use R600a, R290, C-H mixed, R1234yf, R404A, R134a, and other refrigerants, with multiple models, complete specifications, wide range of cooling capacity and large power span, with an annual production capacity of 46 million pcs. The company's compressor products can be used in refrigerators, freezers, refrigeration display cabinets, display cabinets, kitchen refrigerators, wine cabinets, vending machines, ice cream machines, water dispensers, -40℃~-86℃ medical deep freezer, low-temperature storage freezer, seafood freezer and other refrigeration appliances.

The company has laboratories accredited by VDE in Germany and CNAS in China. The products have passed the certification of 3C, VDE, TUV, UL, CE, KC, Inmetro, etc., and exported to more than 60 countries and regions in Asia, Europe and America. It is the strategic supplier of B/S/H/, SAMSUNG, whirlpool, Panasonic, Sharp, Haier, Hisense, Midea, Meiling and other well-known brands in domestic and abroad. The company has set up technical service sites in Germany, Turkey, Mexico, Brazil, South Africa, India and other countries, to provide customers with first-class refrigeration solutions.

The company has successively won the "United Nations GEF Incentive Plan Award", "China's Manufacturing Industry Single Champion Product", "National Advanced Quality Unit", "Entry Exit Inspection and Quarantine Credit Management AA Level Enterprise", "National Advanced Enterprise Special Award for Implementing Excellent Performance Model", "National Contract Abiding and Trustworthy Unit" and "Hubei Yangtze River Quality Award".



东贝——获得国家科技进步奖的压缩机企业

Donper compressor company win the National Prize for Progress in Scientific & Technology Award



世界一流生产车间

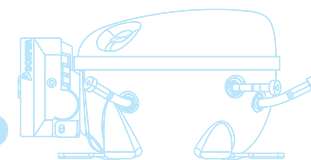
World-class Production Workshop

东贝大事记 Company Events



我们一直在不断地接受挑战并从中得到成长
We have been growing a lot by embracing challenges

DONPER GROUP



社会责任 SOCIAL RESPONSIBILITY

爱护绿水青山 守护长江江豚 Care the natural environment, protect the river dolphin



东贝支持江豚保护：2013年发起“为江豚来奔跑”宣传活动，先后捐款近400万元，提交省人代会建议4条，全国人代会建议2条。

Donper supports the protection of the river dolphin. In 2013, Donper launched the "Run for river dolphin" campaign, donated nearly 4 million yuan, and submitted 4 suggestions to the provincial people's Congress and 2 suggestions to the National People's Congress.

东贝压缩机公司一直注重于环保型压缩机的开发，为社会为人类共同生息的环境，为新时代碳中和，促进人类进步，生产环保型节能压缩机。

Donper compressor company has been focused on the development of environmental-friendly compressors. For the society and the common living environment of human beings, for the new era of carbon neutrality, for the human progress, produce environmental-friendly and energy-saving compressors.



企业文化 CORPORATE CULTURE

企业精神 热爱东贝、振兴中华

Corporate spirit: Love Donper, revitalize China

核心价值观 为社会创造财富，让员工安居乐业

Core values: Create wealth for the society, let employees live and work in peace and contentment

企业愿景 世界领先的专项制造公司和谐共赢的百年老字号企业

Corporate vision: the world's leading specialized manufacturing company, harmonious and win-win century-old enterprise

企业使命 为全球制冷设备厂商提供一流的制冷解决方案

Corporate Mission: To provide first-class refrigeration solutions for global refrigeration equipment manufacturers

科技创新 SCIENTIFIC AND TECHNOLOGICAL INNOVATION

东贝公司通过多年努力，已申请专利400多项，其中申报发明专利100余项，获得了美国、欧盟等多项PCT（国际）专利。
Through years of efforts, Donper has applied for more than 400 patents, including more than 100 invention patents, and obtained a number of PCT (international) patents in United States and the European Union.



智能制造 SMART MANUFACTURING

全自动化车间
Fully automated workshop



车间智能化信息采集
Intelligent information collection in workshop



压缩机系列 Compressor Series

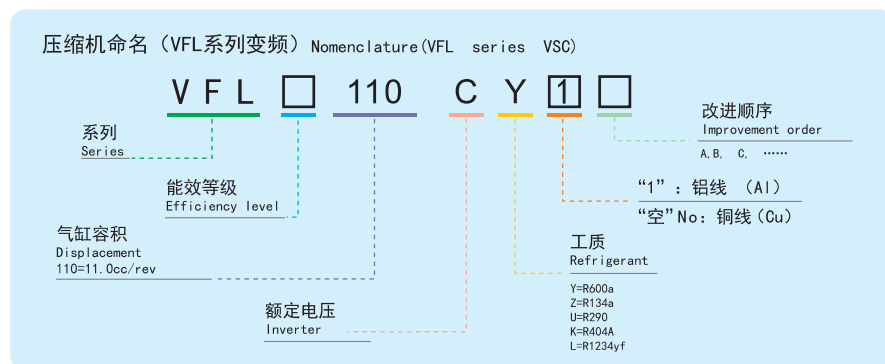
系列 SERIES	压缩机 COMPRESSOR	压缩机说明 COMPRESSOR DESCRIPTION
VSC		R600a, R290 30-260W, 120-320W VFL/VFW: 187×150×135mm (L×W×H) VFA: 177×142×120mm (L×W×H) VD: 165×142×114mm (L×W×H) 冷柜, 冰箱 CHEST FREEZER, REFRIGERATOR.
VC		R134a 20-40W (L/MBP) 137×103×93mm (L×W×H) 车载冰箱 CAR REFRIGERATOR
C		R600a, R134a 50-100W (LBP) 137×117×145mm (L×W×H) 饮水机, 小冷柜 WATER COOLER, SMALL CHEST FREEZER, ETC
D		R600a, R134a 50-100W (LBP) 146×127×158mm (L×W×H) 小冷柜, 饮水机 SMALL FREEZER, WATER COOLER, ETC
A		R600a, R134a 48-140W (LBP) 157×142×163mm (L×W×H) 小冷柜, 饮水机, 冰箱 SMALL FREEZER, WATER COOLER, REFRIGERATOR

系列 SERIES	压缩机 COMPRESSOR	压缩机说明 COMPRESSOR DESCRIPTION
S		R600a, R134a, R290 100-200W (LBP) 400-700W (HBP) 177×148×169mm (L×W×H) 冷柜, 冰箱, 除湿机 CHEST FREEZER, REFRIGERATOR, DEHUMIDIFIER.
L		R600a, R134a, R290 200-450W (LBP) 600-1000W (HBP) 184×155×178mm (L×W×H) 冰箱, 冷柜, 展示柜, 厨房冰箱, 除湿机 REFRIGERATOR, CHEST FREEZER, SHOW CASE, COMMERCIAL REFRIGERATOR, DEHUMIDIFIER, ETC.
K		R600a, R134a, R290 230-650W (LBP) 1000-1400W (HBP) 198×165×199mm (L×W×H) 冷柜, 展示柜, 厨房冰箱, 医疗柜, 制冰机, 除湿机 CHEST FREEZER, SHOW CASE, COMMERCIAL REFRIGERATOR, MEDICAL FREEZER, ICE MAKER, DEHUMIDIFIER, ETC.
NE		R134a, R290, R404A 450-900W (LBP) 800-2000W (HBP) 201×165×208mm (L×W×H) 冷柜, 展示柜, 厨房冰箱, 医疗柜, 制冰机, 啤酒柜, 冰激凌机 CHEST FREEZER, SHOW CASE, COMMERCIAL REFRIGERATOR, MEDICAL FREEZER, ICE MAKER, DRAFT BEER DISPENSER, ICE CREAM MACHINE, ETC.
NV		R404A, R290 224×171×239mm (L×W×H) 700-1200W (LBP) 展示柜, 厨房冰箱, 制冰机, 冰激凌机等 DISPLAY CABINET, PROFESSIONAL KITCHEN REFRIGERATOR, ICE MAKER, ICE CREAM MACHINE, ETC.)

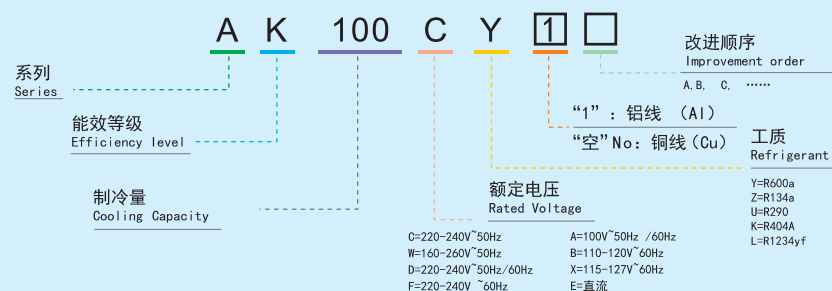
系列 SERIES	压缩机 COMPRESSOR	压缩机说明 COMPRESSOR DESCRIPTION
VK		R290 440-900W (LBP) 1100-2300 (MBP) 210×174×191mm (L×W×H) 展示柜、厨房冰箱、制冰机、 冰激凌机等 DISPLAY CABINET, PROFESSIONAL KITCHEN REFRIGERATOR, ICE MAKER, ICE CREAM MACHINE, ETC.)
NCT		R134a, R404A 950-1500W (LBP) 3320-4800W (HBP) 232×178×271mm (L×W×H) 冷柜展示柜、厨房冰箱、医疗柜、 制冰机、啤酒柜、冰激凌机 CHEST FREEZER, SHOW CASE, COMMERCIAL REFRIGERATOR, MEDICAL FREEZER, ICE MAKER, DRAFT BEER DISPENSER, ICE CREAM MACHINE, ETC.

东贝压缩机型号命名说明

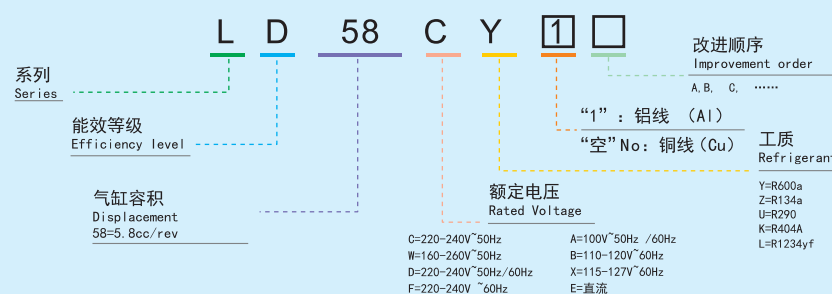
Donper Compressor models identification and designation



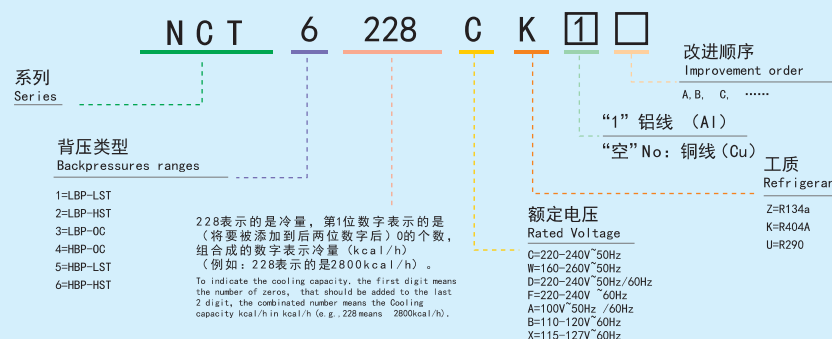
压缩机命名 (C/A/K/H系列) Nomenclature (C/A/K/H series)



压缩机命名 (D/S/L系列) Nomenclature (D/S/L series)



压缩机命名 (NE, NCT系列) Nomenclature (NE, NCT series)



制冷量范围 Capacity Range

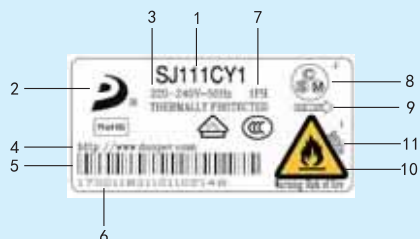
50Hz时的制冷量 Capacity at 50Hz

W (LBP)	50	100	150	200	250	300	350	400	450	500	800	900	1100
R600a													
R134a													
R290													

W (MHBP)	500	1000	1500	2000	2500	5000
R134a						
R404A						
R290						

压缩机铭牌说明 Compressor nameplate identification

- 1、压缩机型号 Compressor model
- 2、东贝注册商标 Donper's Logo
- 3、电压范围和频率 Rated Voltage and frequency
- 4、公司网址 Donper Website
- 5、压缩机条形码 Compressor bar code
- 6、数字码 Number code
- 7、单相电源 Single phase
- 8、接线标志 Power supply connection mark
- 9、吸气标识 Suction mark
- 10、防火标志 Flammable mark
- 11、制冷剂 Refrigerant



技术参数 Technical Information

测试工况 TEST CONDITION

测试工况 TEST CONDITION	低背压 LBP			中/高背压 H/MBP
	ASHRAE	AHAM	CECOMAF	ASHRAE
蒸发温度 Evap. Temp. °C	-23.3	-23.3	-25.0	+7.2
环境温度 Amb. Temp. °C	+32.2	+32.2	+32.0	+35.0
冷凝温度 Cond. Temp. °C	+54.4	+40.5	+55.0	+54.4
吸气温度 Suction Temp. °C	+32.2	+32.2	+32.0	+35.0
过冷温度 Subcooling Temp. °C	+32.2	+32.2	+55.0	+46.1

应用工况 Application	蒸发温度 Evaporating temperature	举例 Example
LBP	-35°C~-15°C	冰箱、冷柜 Refrigerators, Freezers
MBP	-20°C~0°C	酒柜、食品保鲜柜 Drinking Fountains, Food Preservation Machine
HBP	-5°C~+15°C	热水器、除湿机 Water Heater, Dehumidifiers

冷却方式 COOLING

ST	自然冷却	Static cooling
OC	油冷	Oil cooling
F	风冷	Fan cooling

电机类型 ELECTRICAL MOTOR TYPES

RSIR	电阻启动-电感运行 Resistive Start-Inductive Run
RSCR	电阻启动-电容运行 Resistive Start-Capacitive Run
CSIR	电容启动-电感运行 Capacitive Start-Inductive Run
CSR	电容启动-电容运行 Capacitive Start-Capacitive Run

电机启动扭矩 MOTOR TORQUE

LST	低启动扭矩：适用于毛细管节流系统平衡压力启动。Low starting torque: Appropriate for systems with a capillary tube expansion type device and equalized pressures on start up.
HST	高启动扭矩：适用于热力膨胀阀或毛细管节流膨胀系统。High starting torque: Appropriate for systems with expansion valve or capillary tube expansion type device with disequalized pressures on start up.



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变频系列 VSC Series

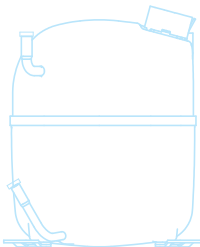
型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	转速 Rotate Speed rpm	ASHRAE (-23, 3/54, 4/32, 2 °C)					CECOMAF (-25/55/32 °C)					认证 Certification	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP				
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER			
R600a VDU 变频压缩机 Variable Speed Compressor LBP																	
VDU040CY1	4.0	ST	BLDC	1300	28	24	96	1.40	4.78	21	18	72	1.09	3.72	CCC/VDE	AI	112
				2000	45	39	154	1.50	5.12	34	29	115	1.17	3.98			
				3000	67	58	229	1.50	5.12	50	43	172	1.17	3.98			
				4200	94	81	321	1.46	4.98	71	61	241	1.14	3.88			
VDU060CY1	6.0	ST	BLDC	1300	38	33	130	1.42	4.85	29	25	97	1.11	3.77	CCC/VDE	AI	112
				2000	65	56	222	1.60	5.46	49	42	167	1.25	4.25			
				3000	95	82	324	1.60	5.46	71	61	244	1.25	4.25			
				4200	130	112	444	1.54	5.25	98	84	334	1.20	4.09			
VDU070CY1	7.0	ST	BLDC	1300	50	43	171	1.45	4.95	38	32	128	1.13	3.85	CCC/VDE	AI	112
				2000	83	71	283	1.60	5.46	62	54	213	1.25	4.25			
				3000	128	110	437	1.60	5.46	96	83	328	1.25	4.25			
				4200	170	146	580	1.56	5.32	128	110	436	1.21	4.14			
R600a VFA 变频压缩机 Variable Speed Compressor LBP																	
VFA070CY1	7.0	ST	BLDC	1200	42	36	143	1.55	5.29	32	27	108	1.20	4.09	CCC/VDE /UL	AI	124
				2000	80	69	273	1.75	5.97	60	52	205	1.34	4.57			
				3000	120	103	409	1.70	5.80	90	78	308	1.33	4.54			
				4500	175	150	597	1.60	5.46	132	113	449	1.25	4.25			
VFA090CY1	9.0	ST	BLDC	1200	62	53	212	1.55	5.29	47	40	159	1.20	4.09	CCC/VDE /UL	AI	124
				2000	105	90	358	1.75	5.97	79	68	269	1.34	4.57			
				3000	160	138	546	1.70	5.80	120	103	410	1.33	4.54			
				4500	215	185	734	1.60	5.46	162	139	552	1.25	4.25			
VFA110CY1H	11.0	ST	BLDC	1200	72	62	246	1.55	5.29	54	47	185	1.21	4.12	CCC/VDE	AI	124
				2000	120	103	409	1.73	5.90	90	78	308	1.35	4.59			
				3000	180	155	614	1.70	5.80	135	116	462	1.32	4.51			
				4500	240	206	819	1.60	5.46	180	155	616	1.25	4.25			
R600a VFJ 变频压缩机 Variable Speed Compressor LBP																	
VFJ050CY1	5.0	ST	BLDC	1200	34	29	116	1.65	5.63	26	22	87	1.28	4.38	VDE	AI	129
				2000	60	52	205	1.80	6.14	45	39	154	1.40	4.78			
				3000	90	77	307	1.78	6.07	68	58	231	1.39	4.73			
				4500	130	112	444	1.62	5.53	98	84	334	1.26	4.30			
VFJ070CY1	7.0	ST	BLDC	1200	42	36	143	1.65	5.63	32	27	108	1.28	4.38	CCC/VDE	AI	129
				2000	80	69	273	1.80	6.14	60	52	205	1.40	4.78			
				3000	120	103	409	1.78	6.07	90	78	308	1.39	4.73			
				4500	175	150	597	1.62	5.53	132	113	449	1.26	4.30			
VFJ090CY1	9.0	ST	BLDC	1200	62	53	212	1.65	5.63	47	40	159	1.28	4.38	CCC/VDE	AI	129
				2000	105	90	358	1.80	6.14	79	68	269	1.40	4.78			
				3000	160	138	546	1.78	6.07	120	103	410	1.39	4.73			
				4500	215	185	734	1.62	5.53	162	139	552	1.26	4.30			
VFJ110CY1	11.0	ST	BLDC	1200	72	62	246	1.65	5.63	54	47	185	1.28	4.38	CCC/VDE	AI	129
				2000	120	103	409	1.78	6.07	90	78	308	1.39	4.73			
				3000	180	155	614	1.75	5.97	135	116	462	1.36	4.65			
				4500	240	206	819	1.62	5.53	180	155	616	1.26	4.30			
R600a VFL 变频压缩机 Variable Speed Compressor LBP																	
VFL070CY1H	7.0	ST	BLDC	1200	42	36	143	1.71	5.83	32	27	108	1.33	4.54	CCC/VDE	AI	138
				2000	80	69	273	1.85	6.31	60	52	205	1.44	4.91			
				3000	120	103	409	1.75	5.97	90	78	308	1.36	4.65			
				4500	175	150	597	1.60	5.46	132	113	449	1.25	4.25			

型号 Model	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	转速 Rotate Speed	ASHRAE (-23. 3/54. 4/32. 2 °C)					CECOMAF (-25/55/32 °C)					认证 Certification	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP				
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER			
	cm ³	rpm	W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER					
R600a VFL 变频压缩机 Variable Speed Compressor LBP																	
VFL070CY1	7.0	ST	BLDC	1200	42	36	143	1.73	5.90	32	27	108	1.35	4.59	CCC/VDE /UL	AI	138
				2000	80	69	273	1.88	6.41	60	52	205	1.46	4.99			
				3000	120	103	409	1.80	6.14	90	78	308	1.40	4.78			
				4500	175	150	597	1.60	5.46	132	113	449	1.25	4.25			
				1200	62	53	212	1.72	5.87	47	40	159	1.34	4.57			
VFL090CY1H	9.0	ST	BLDC	2000	105	90	358	1.85	6.31	79	68	269	1.44	4.91	CCC/VDE /UL	AI	138
				3000	160	138	546	1.75	5.97	120	103	410	1.36	4.65			
				4500	215	185	734	1.60	5.46	162	139	552	1.25	4.25			
				1200	62	53	212	1.80	6.14	47	40	159	1.40	4.78			
				2000	105	90	358	1.90	6.48	79	68	269	1.48	5.04			
VFL090CY1	9.0	ST	BLDC	3000	160	138	546	1.80	6.14	120	103	410	1.40	4.78	CCC/VDE /UL	AI	138
				4500	215	185	734	1.60	5.46	162	139	552	1.25	4.25			
				1200	73	63	249	1.85	6.31	55	47	187	1.44	4.91			
				2000	120	103	409	1.90	6.48	90	78	308	1.48	5.04			
				3000	180	155	614	1.80	6.14	135	116	462	1.40	4.78			
VFL100CY1	10.0	ST	BLDC	4500	245	211	836	1.60	5.46	184	158	629	1.25	4.25	CCC/VDE /UL	AI	138
				1200	80	69	273	1.73	5.90	60	52	205	1.35	4.59			
				2000	135	116	461	1.85	6.31	102	87	346	1.44	4.91			
				3000	200	172	682	1.75	5.97	150	129	513	1.36	4.65			
				4500	265	228	904	1.60	5.46	199	171	680	1.25	4.25			
VFL110CY1H	11.0	ST	BLDC	1200	80	69	273	1.73	5.90	60	52	205	1.35	4.59	CCC/VDE /UL	AI	138
				2000	135	116	461	1.85	6.31	102	87	346	1.44	4.91			
				3000	200	172	682	1.75	5.97	150	129	513	1.36	4.65			
				4500	265	228	904	1.60	5.46	199	171	680	1.25	4.25			
				1200	80	69	273	1.78	6.07	60	52	205	1.39	4.73			
VFL110CY1	11.0	ST	BLDC	2000	135	116	461	1.90	6.48	102	87	346	1.48	5.04	CCC/VDE /UL	AI	138
				3000	200	172	682	1.80	6.14	150	129	513	1.40	4.78			
				4500	265	228	904	1.60	5.46	199	171	680	1.25	4.25			
				1200	90	77	307	1.74	5.94	68	58	231	1.35	4.62			
				2000	150	129	512	1.88	6.41	113	97	385	1.46	4.99			
VFL126CY1	12.6	ST	BLDC	3000	225	193	768	1.76	6.01	169	145	577	1.37	4.67	CCC/VDE /UL	AI	138
				4500	285	245	972	1.58	5.39	214	184	731	1.23	4.20			
R600a VFV 变频压缩机 Variable Speed Compressor LBP																	
VFV050CY1	5.5	ST	BLDC	1000	26	22	89	1.72	5.87	20	23	67	1.30	4.44	CCC/VDE/UL	AI	150
				1200	34	29	116	1.81	6.18	26	30	87	1.38	4.71			
				1600	45	39	154	1.84	6.28	34	39	115	1.43	4.88			
				2000	60	52	205	1.85	6.31	45	52	154	1.45	4.95			
				2400	72	62	246	1.88	6.41	54	63	185	1.47	5.02			
				3000	88	76	300	1.83	6.24	66	77	226	1.41	4.81			
VFV050CY	5.5	ST	BLDC	4500	125	107	427	1.58	5.39	94	109	321	1.24	4.23	CCC/VDE/UL	Cu	150
				1000	26	22	89	1.83	6.24	20	23	67	1.42	4.86			
				1200	34	29	116	1.85	6.31	26	30	87	1.40	4.78			
				1600	45	39	154	1.87	6.38	34	39	115	1.46	4.97			
				2000	60	52	205	1.89	6.45	45	52	154	1.47	5.02			
				2400	72	62	246	1.92	6.55	54	63	185	1.49	5.10			
VFV070CY1	7.0	ST	BLDC	3000	88	76	300	1.84	6.28	66	77	226	1.43	4.89	CCC/VDE/UL	AI	150
				4500	125	107	427	1.60	5.46	94	109	321	1.25	4.25			
				1000	38	33	130	1.80	6.14	29	25	97	1.40	4.78			
				1200	42	36	143	1.88	6.41	32	27	108	1.46	4.99			
				1600	64	55	218	1.94	6.62	48	41	164	1.51	5.15			
				2000	80	69	273	1.95	6.65	60	52	205	1.52	5.18			

型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	转速 Rotate Speed rpm	ASHRAE (-23.3/54.4/32.2℃)					CECOMAF (-25/55/32℃)					认证 Certification	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP				
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER			
R600a VFW 变频压缩机 Variable Speed Compressor LBP																	
VFW070CY	7.0	ST	BLDC	1000	38	33	130	1.83	6.24	29	25	97	1.42	4.86	CCC/VDE/UL	Cu	150
				1200	42	36	143	1.90	6.48	32	27	108	1.48	5.04			
				1600	64	55	218	1.95	6.65	48	41	164	1.52	5.18			
				2000	80	69	273	2.00	6.82	60	52	205	1.56	5.31			
				3000	120	103	409	1.90	6.48	90	78	308	1.48	5.04			
VFW090CY1	9.0	ST	BLDC	4500	175	150	597	1.68	5.73	132	113	449	1.31	4.46	CCC/VDE/UL	Al	150
				1000	52	45	177	1.80	6.14	39	34	133	1.40	4.78			
				1200	62	53	212	1.88	6.41	47	40	159	1.46	4.99			
				1600	82	71	280	1.95	6.65	62	53	210	1.52	5.18			
				2000	105	90	358	1.96	6.69	79	68	269	1.53	5.20			
VFW090CY	9.0	ST	BLDC	3000	160	138	546	1.86	6.35	120	103	410	1.45	4.94	CCC/VDE/UL	Cu	150
				4500	215	185	734	1.65	5.63	162	139	552	1.28	4.38			
				1000	52	45	177	1.85	6.31	39	34	133	1.44	4.91			
				1200	62	53	212	1.92	6.55	47	40	159	1.49	5.10			
				1600	82	71	280	2.03	6.93	62	53	210	1.58	5.39			
VFW100CY1	10.0	ST	BLDC	2000	105	90	358	2.05	6.99	79	68	269	1.60	5.44	CCC/UL	Al	150
				3000	160	138	546	1.93	6.59	120	103	410	1.50	5.12			
				4500	215	185	734	1.71	5.83	162	139	552	1.33	4.54			
				1000	60	52	205	1.80	6.14	45	39	154	1.40	4.78			
				1200	73	63	249	1.88	6.41	55	47	187	1.46	4.99			
VFW110CY1	11.0	ST	BLDC	1600	99	85	338	1.95	6.65	74	64	254	1.52	5.18	CCC/VDE/UL	Al	150
				2000	120	103	409	1.96	6.69	90	78	308	1.53	5.20			
				3000	180	155	614	1.86	6.35	135	116	462	1.45	4.94			
				4500	245	211	836	1.65	5.63	184	158	629	1.28	4.38			
				1000	65	56	222	1.80	6.14	49	42	167	1.40	4.78			
VFW110CY	11.0	ST	BLDC	1200	80	69	273	1.88	6.41	60	52	205	1.46	4.99	CCC/VDE/UL	Cu	150
				1600	106	91	362	1.95	6.65	80	69	272	1.52	5.18			
				2000	135	116	461	1.96	6.69	102	87	346	1.53	5.20			
				3000	200	172	682	1.86	6.35	150	129	513	1.45	4.94			
				4500	265	228	904	1.65	5.63	199	171	680	1.28	4.38			
VFW110CY	11.0	ST	BLDC	1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91	CCC/VDE/UL	Cu	150
				1200	80	69	273	1.92	6.55	60	52	205	1.49	5.10			
				1600	106	91	362	2.03	6.93	80	69	272	1.58	5.39			
				2000	135	116	461	2.05	6.99	102	87	346	1.60	5.44			
				3000	200	172	682	1.93	6.59	150	129	513	1.50	5.12			
VFW110CY	11.0	ST	BLDC	4500	265	228	904	1.71	5.83	199	171	680	1.33	4.54	CCC/VDE/UL	Cu	150
				1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91			
				1200	80	69	273	1.92	6.55	60	52	205	1.49	5.10			
				1600	106	91	362	2.03	6.93	80	69	272	1.58	5.39			
				2000	135	116	461	2.05	6.99	102	87	346	1.60	5.44			
VFW110CY	11.0	ST	BLDC	3000	200	172	682	1.93	6.59	150	129	513	1.50	5.12	CCC/VDE/UL	Cu	150
				4500	265	228	904	1.71	5.83	199	171	680	1.33	4.54			
				1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91			
				1200	80	69	273	1.92	6.55	60	52	205	1.49	5.10			
				1600	106	91	362	2.03	6.93	80	69	272	1.58	5.39			
VFW110CY	11.0	ST	BLDC	2000	135	116	461	2.05	6.99	102	87	346	1.60	5.44	CCC/VDE/UL	Cu	150
				3000	200	172	682	1.93	6.59	150	129	513	1.50	5.12			
				4500	265	228	904	1.71	5.83	199	171	680	1.33	4.54			
				1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91			
				1200	80	69	273	1.92	6.55	60	52	205	1.49	5.10			
VFW110CY	11.0	ST	BLDC	1600	106	91	362	2.03	6.93	80	69	272	1.58	5.39	CCC/VDE/UL	Cu	150
				2000	135	116	461	2.05	6.99	102	87	346	1.60	5.44			
				3000	200	172	682	1.93	6.59	150	129	513	1.50	5.12			
				4500	265	228	904	1.71	5.83	199	171	680	1.33	4.54			
				1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91			
R600a VBF 变频压缩机 Variable Speed Compressor LBP																	
VBF070CY1	7.0	ST	BLDC	1000	38	33	130	1.83	6.24	29	25	97	1.42	4.86	CCC/TUV	Al	150
				1200	42	36	143	1.90	6.48	32	27	108	1.48	5.04			
				1600	64	55	218	1.95	6.65	48	41	164	1.52	5.18			
				2000	80	69	273	2.00	6.82	60	52	205	1.56	5.31			
				3000	120	103	409	1.90	6.48	90	78	308	1.48	5.04			
VBF070CY	7.0	ST	BLDC	4500	175	150	597	1.68	5.73	132	113	449	1.31	4.46	CCC/TUV	Cu	150
				1000	38	33	130	1.83	6.24	29	25	97	1.42	4.86			
				1200	42	36	143	1.93	6.59	32	27	108	1.50	5.12			
				1600	64	55	218	2.05	6.99	48	41	164	1.60	5.44			
				2000	80	69	273	2.07	7.06	60	52	205	1.61	5.50			
VBF070CY	7.0	ST	BLDC	3000	120	103	409	1.92	6.55	90	78	308	1.49	5.10	CCC/TUV	Cu	150
				4500	175	150	597	1.73	5.90	132	113	449	1.35	4.59			
				1000	38	33	130	1.83	6.24	29	25	97	1.42	4.86			
				1200	42	36	143	1.93	6.59	32	27	108	1.50	5.12			
				1600	64	55	218	2.05	6.99	48	41	164	1.60	5.44			

型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	转速 Rotate Speed rpm	ASHRAE (-23.3/54.4/32.2℃)					CECOMAF (-25/55/32℃)					认证 Certification	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP				
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER			
R600a VBF 变频压缩机 Variable Speed Compressor LBP																	
VBF090CY1	9.0	ST	BLDC	1000	52	45	177	1.85	6.31	39	34	133	1.44	4.91	CCC/TUV	Al	150
				1200	62	53	212	1.92	6.55	47	40	159	1.49	5.10			
				1600	82	71	280	2.03	6.93	62	53	210	1.58	5.39			
				2000	105	90	358	2.05	6.99	79	68	269	1.60	5.44			
				3000	160	138	546	1.93	6.59	120	103	410	1.50	5.12			
VBF090CY	9.0	ST	BLDC	4500	215	185	734	1.71	5.83	162	139	552	1.33	4.54	CCC/TUV	Cu	150
				1000	52	45	177	1.85	6.31	39	34	133	1.44	4.91			
				1200	62	53	212	2.02	6.89	47	40	159	1.57	5.36			
				1600	82	71	280	2.10	7.17	62	53	210	1.63	5.58			
				2000	105	90	358	2.13	7.27	79	68	269	1.66	5.66			
VBF100CY1	10.0	ST	BLDC	3000	160	138	546	1.85	6.31	120	103	410	1.44	4.91	CCC/TUV	Al	150
				4500	215	185	734	1.76	6.01	162	139	552	1.37	4.67			
				1000	60	52	205	1.85	6.31	45	39	154	1.44	4.91			
				1200	73	63	249	1.92	6.55	55	47	187	1.49	5.10			
				1600	99	85	338	2.03	6.93	74	64	254	1.58	5.39			
VBF100CY	10.0	ST	BLDC	2000	120	103	409	2.05	6.99	90	78	308	1.60	5.44	CCC/TUV	Cu	150
				3000	180	155	614	1.93	6.59	135	116	462	1.50	5.12			
				4500	245	211	836	1.71	5.83	184	158	629	1.33	4.54			
				1000	60	52	205	1.85	6.31	45	39	154	1.44	4.91			
				1200	73	63	249	2.02	6.89	55	47	187	1.57	5.36			
VBF110CY1	11.0	ST	BLDC	1600	99	85	338	2.10	7.17	74	64	254	1.63	5.58	CCC/TUV	Al	150
				2000	120	103	409	2.13	7.27	90	78	308	1.66	5.66			
				3000	180	155	614	1.85	6.31	135	116	462	1.44	4.91			
				4500	245	211	836	1.76	6.01	184	158	629	1.37	4.67			
				1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91			
VBF110CY	11.0	ST	BLDC	1200	80	69	273	1.92	6.55	60	52	205	1.49	5.10	CCC/TUV	Cu	150
				1600	106	91	362	2.03	6.93	80	69	272	1.58	5.39			
				2000	135	116	461	2.05	6.99	102	87	346	1.60	5.44			
				3000	200	172	682	1.93	6.59	150	129	513	1.50	5.12			
				4500	265	228	904	1.71	5.83	199	171	680	1.33	4.54			
VFL050CU1	5.0	F	BLDC	1000	65	56	222	1.85	6.31	49	42	167	1.44	4.91	CCC	Al	148
				1200	80	69	273	2.02	6.89	60	52	205	1.57	5.36			
				1600	106	91	362	2.14	7.30	80	69	272	1.67	5.68			
				2000	135	116	461	2.15	7.34	102	87	346	1.67	5.71			
				3000	200	172	682	1.85	6.31	150	129	513	1.44	4.91			
VFL070CU1	7.0	F	BLDC	4500	265	228	904	1.76	6.01	199	171	680	1.37	4.67	CCC	Al	148
				1600	106	91	362	2.14	7.30	80	69	272	1.67	5.68			
				2000	135	116	461	2.15	7.34	102	87	346	1.67	5.71			
				3000	200	172	682	1.85	6.31	150	129	513	1.44	4.91			
				4500	265	228	904	1.76	6.01	199	171	680	1.37	4.67			
R290 变频压缩机 Variable Speed Compressor L/MBP																	
VFL050CU1	5.0	F	BLDC	1600	120	103	409	1.70	5.80	90	78	308	1.32	4.51	CCC	Al	148
				2000	150	129	512	1.75	5.97	113	97	385	1.36	4.65			
				3000	240	206	819	1.80	6.14	180	155	616	1.40	4.78			
				4200	340	292	1160	1.65	5.63	256	220	872	1.28	4.38			
				1600	175	150	597	1.70	5.80	132	113	449	1.32	4.51			
VFL070CU1	7.0	F	BLDC	2000	230	198	785	1.75	5.97	173	149	590	1.36	4.65	CCC	Al	148
				3000	340	292	1160	1.80	6.14	256	220	872	1.40	4.78			
				4200	480	413	1638	1.65	5.63	361	310	1231	1.28	4.38			
				2000	340	292	1160	1.78	6.07	256	220	872	1.39	4.73			
				3000	510	439	1740	1.78	6.07	383	330	1308	1.39	4.73			
VKZ100CU	10.0	F	BLDC	4200	710	610	2423	1.70	5.80	534	459	1821	1.32	4.51	CCC	Cu	191
				2000	440	378	1501	1.78	6.07	331	284	1129	1.39	4.73			
				3000	660	567	2252	1.78	6.07	496	427	1693	1.39	4.73			
				4200	900	774	3071	1.70	5.80	677	582	2309	1.32	4.51			
				2000	440	378	1501	1.78	6.07	331	284	1129	1.39	4.73			
VKZ130CU	13.0	F	BLDC	3000	660	567	2252	1.78	6.07	496	427	1693	1.39	4.73	CCC/VDE	Cu	191
				4200	900	774	3071	1.70	5.80	677	582	2309	1.32	4.51			
				2000	440	378	1501	1.78	6.07	331	284	1129	1.39	4.73			
				3000	660	567	2252	1.78	6.07	496	427	1693	1.39	4.73			
				4200	900	774	3071	1.70	5.80	677	582	2309	1.32	4.51			

型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	转速 Rotate Speed rpm	ASHRAE (-23. 3/54. 4/32. 2℃)						CECOMAF (-25/55/32℃)						认证 Certification	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP					
	W	Kcal/h	Btu/h		W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
R290 变频压缩机 Variable Speed Compressor L/MBP																			
VKZ168CU	16.8	F	BLDC 12V	2000	550	473	1877	1.70	5.80	414	356	1411	1.32	4.51	CCC	Cu	191		
				3000	800	688	2730	1.70	5.80	602	517	2052	1.32	4.51					
				4200	1100	946	3753	1.60	5.46	827	711	2822	1.25	4.25					
R134a 直流变频压缩机 Direct Curret Variable Speed Compressor L/MBP																			
VC15EZ	1.5	F	BLDC 12/24V	2000	17	15	58	1.10	3.75	13	11	44	0.86	2.92	CCC/CB	Cu	93		
				2500	21	18	72	1.13	3.86	16	14	54	0.88	3.00					
				3000	25	21	85	1.16	3.96	19	16	64	0.90	3.08					
C50EZ	2.5	F	BLDC 12/24V	3500	29	25	99	1.12	3.82	22	19	74	0.87	2.97	CCC	Cu	137		
				2000	35	30	119	1.12	3.82	26	23	90	0.87	2.97					
				2500	42	36	143	1.14	3.89	32	27	108	0.89	3.03					
C70EZ	3.0	F	BLDC 12/24V	3000	50	43	171	1.18	4.03	38	32	128	0.92	3.13	CCC	Cu	137		
				3500	58	50	198	1.15	3.92	44	37	149	0.89	3.05					
				2000	48	41	164	1.14	3.89	36	31	123	0.89	3.03					
C100EZ	4.2	F	BLDC 12/24V	2500	59	51	201	1.18	4.03	44	38	151	0.92	3.13	CCC	Cu	137		
				3000	70	60	239	1.20	4.09	53	45	180	0.93	3.19					
				3500	80	69	273	1.16	3.96	60	52	205	0.90	3.08					
C50EY	4.2	F	BLDC 12/24V	2000	70	60	239	1.10	3.75	53	45	180	0.86	2.92	CCC	Cu	137		
				2500	85	73	290	1.13	3.86	64	55	218	0.88	3.00					
				3000	100	86	341	1.15	3.92	75	65	257	0.89	3.05					
R600a 直流变频压缩机 Direct Curret Variable Speed Compressor L/MBP																			
C50EY	4.2	F	BLDC 12/24V	2000	34	29	116	1.12	3.82	26	22	87	0.87	2.97	CCC	Cu	137		
				2500	43	37	147	1.15	3.92	32	28	110	0.89	3.05					
				3000	52	45	177	1.20	4.09	39	34	133	0.93	3.19					
				3500	58	50	198	1.13	3.86	44	37	149	0.88	3.00					



DONPER GROUP

家用系列 Household Series

系列 Series	型号 Model	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23. 3/54. 4/32. 2℃)						CECOMAF (-25/55/32℃)						运行电容 Run Capacitor	启动电容 StartCapacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER	μF	μF						
220-240V~50Hz R600a LBP																						
S	SJ35CY1	3.5	ST	ESCR	50	43	171	1.80	6.14	38	32	128	1.40	4.78	2.5		CCC	EPTC	AI	168		
A	AK50CY1	3.6	ST	RSCR	50	43	171	1.50	5.12	38	32	128	1.17	3.98	3		CCC/VDE	EPTC	AI	155		
A	AU50CY1A	3.6	ST	ESCR	50	43	171	1.60	5.46	38	32	128	1.25	4.25	3		CCC/VDE	EPTC	AI	160		
D	D40CY1C	4.0	ST	RSIR	50	43	171	1.00	3.41	38	32	128	0.78	2.66				PTC	AI	140		
D	D40CY1B	4.0	ST	RSIR	50	43	171	1.20	4.09	38	32	128	0.93	3.19			CCC/TUV/CE	PTC	AI	147		
D	DG40CY1	4.0	ST	RSIR	50	43	171	1.28	4.37	38	32	128	1.00	3.40			CCC/VDE	PTC	AI	152		
S	SJ40CY1	4.0	ST	ESCR	60	52	205	1.80	6.14	45	39	154	1.40	4.78	2.5			EPTC	AI	168		
S	SR40CY1	4.0	ST	ESCR	60	52	205	1.85	6.31	45	39	154	1.44	4.91	2.5			EPTC	AI	171		
S	SC40CY	4.0	ST	ESCR	60	52	205	1.91	6.52	45	39	154	1.49	5.07	2.5			EPTC	Cu	168		
D	D43CY1B	4.3	ST	RSIR	65	56	222	1.00	3.41	49	42	167	0.78	2.66			CCC	PTC	AI	140		
D	D43CY1A	4.3	ST	RSIR	65	56	222	1.20	4.09	49	42	167	0.93	3.19			CB	PTC	AI	147		
D	DG43CY1A	4.3	ST	RSIR	65	56	222	1.35	4.61	49	42	167	1.05	3.58			TUV/CE/CB	PTC	AI	157		
A	AU70CY1*	4.5	ST	RSCR	68	58	232	1.60	5.46	51	44	174	1.25	4.25	2.5			PTC	AI	147		
A	AZ70CY1	4.5	ST	ESCR	68	58	232	1.70	5.80	51	44	174	1.32	4.51	2.5		CCC/VDE	EPTC	AI	163		
A	AM70CY1A	4.5	ST	ESCR	68	58	232	1.75	5.97	51	44	174	1.36	4.65	2.5		CB	EPTC	AI	163		
D	D53CY1E	5.3	ST	RSIR	80	69	273	1.00	3.41	60	52	205	0.78	2.66				PTC	AI	140		
D	D53CY1	5.3	ST	RSIR	80	69	273	1.20	4.09	60	52	205	0.93	3.19			CCC/VDE	PTC	AI	152		
D	DG53CY1A	5.3	ST	RSIR	80	69	273	1.35	4.61	60	52	205	1.05	3.58				PTC	AI	157		
A	A80CY1	5.3	ST	RSIR	80	69	273	1.30	4.44	60	52	205	1.01	3.45			CCC/VDE	PTC	AI	155		
A	AK80CY1	5.3	ST	RSCR	80	69	273	1.50	5.12	60	52	205	1.17	3.98	3		CCC/VDE	PTC	AI	155		
S	SR50CY1	5.0	ST	ESCR	80	69	273	1.85	6.31	60	52	205	1.44	4.91	2.5			EPTC	AI	171		
S	SC50CY	5.0	ST	ESCR	80	69	273	1.91	6.52	60	52	205	1.49	5.07	2.5		CCC	EPTC	Cu	168		
A	AJ90CYA	6.0	ST	ESCR	90	77	307	1.80	6.14	68	58	231	1.40	4.78	2.5			EPTC	Cu	163		
S	SR55CY1	5.5	ST	ESCR	90	77	307	1.85	6.31	68	58	231	1.44	4.91	2.5		TUV/CE	EPTC	AI	168		
S	SC55CY	5.5	ST	ESCR	90	77	307	1.91	6.52	68	58	231	1.49	5.07	2.5			EPTC	AI	168		
D	D65CY1D	6.0	ST	RSIR	95	82	324	1.00	3.41	71	61	244	0.78	2.66				PTC	AI	142		
D	D65CY1	6.0	ST	RSIR	95	82	324	1.20	4.09	71	61	244	0.93	3.19			CCC/VDE	PTC	AI	152		
D	DG65CY1A	6.0	ST	RSIR	95	82	324	1.35	4.61	71	61	244	1.05	3.58				PTC	AI	157		
D	DK65CY1A	6.0	ST	RSIR	95	82	324	1.45	4.95	71	61	244	1.13	3.85				PTC	AI	157		
S	SM60CY1*	6.0	ST	ESCR	95	82	324	1.78	6.07	71	61	244	1.39	4.73	2.5			EPTC	AI	168		
S	SJ60CY1	6.0	ST	ESCR	95	82	324	1.80	6.14	71	61	244	1.40	4.78	2.5			EPTC	AI	171		
S	SR60CY1	6.0	ST	ESCR	95	82	324	1.85	6.31	71	61	244	1.44	4.91	2.5		CCC/TUV	EPTC	AI	168		
L	LC58CY1	5.8	ST	ESCR	95	82	324	1.90	6.48	71	61	244	1.48	5.04	2.5		CCC/VDE	EPTC	AI	177		
L	LD58CY1	5.8	ST	ESCR	95	82	324	1.95	6.65	71	61	244	1.52	5.18	2.5		CCC/VDE	EPTC	AI	177		
A	AK100CY1	6.2	ST	RSIR	98	84	334	1.45	4.95	74	63	251	1.13	3.85			CCC/VDE	PTC	AI	155		
A	AK100CY1A	6.2	ST	RSIR	98	84	334	1.55	5.29	74	63	251	1.21	4.12			CCC/TUV/VDE	PTC	AI	155		
A	AU100CY1A	6.2	ST	RSCR	98	84	334	1.60	5.46	74	63	251	1.25	4.25	2.5		CCC/TUV/CE	PTC	AI	160		
A	AZ100CY1A	6.2	ST	ESCR	98	84	334	1.70	5.80	74	63	251	1.32	4.51	2.5		CCC/TUV/CE	EPTC	AI	163		
A	AM100CY1A	6.2	ST	ESCR	98	84	334	1.75	5.97	74	63	251	1.36	4.65	2.5		CCC	EPTC	AI	163		
A	A110CY1	6.6	ST	RSIR	105	90	358	1.35	4.61	79	68	269	1.05	3.58				PTC	AI	155		
A	AK110CY1	6.6	ST	RSIR	105	90	358	1.45	4.95	79	68	269	1.13	3.85				PTC	AI	155		
A	AZ110CY1A*	6.6	ST	ESCR	105	90	358	1.70	5.80	79	68	269	1.32	4.51	2.5			EPTC	AI	163		
A	A110CY1A	6.6	ST	RSIR	115	99	392	1.35	4.61	86	74	295	1.05	3.58			CCC	PTC	AI	155		
L	LC66CY1	6.6	ST	ESCR	108	93	368	1.90	6.48	81	70	277	1.48	5.04	3		CCC/CE	EPTC	AI	177		
L	LD66CY	6.6	ST	ESCR	108	93	368	1.95	6.65	81	70	277	1.52	5.18	3		CCC	EPTC	Cu	177		
A	A120CY1	7.2	ST	RSIR	118	101	403	1.15	3.92	89	76	303	0.89	3.05			CCC	PTC	AI	155		
A	AG120CY1A	7.2	ST	RSCR	118	101	403	1.45	4.95	89	76	303	1.13	3.85	3			PTC	AI	157		
A	AK120CY1H	7.2	ST	RSIR	118	101	403	1.50	5.12	89	76	303	1.17	3.98	3		CCC	PTC	AI	160		

系列 Series	型号 Model	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23. 3/54. 4/32. 2°C)					CECOMAF (-25/55/32°C)					运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP							
		W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER	μF	μF							
220-240V~50Hz R600a LBP																				
A	AU120CY1A	7.2	ST	RSIR	118	101	403	1.55	5.29	89	76	303	1.21	4.12			CCC/CB	PTC	Al	163
A	AU120CY1B	7.2	ST	RSCR	118	101	403	1.60	5.46	89	76	303	1.25	4.25	2.5		CCC/VDE	PTC	Al	160
A	AZ120CY1A	7.2	ST	ESCR	118	101	403	1.70	5.80	89	76	303	1.32	4.51	2.5		CCC/TUV/CE	EPTC	Al	163
S	SJ70CY1	7.0	ST	ESCR	118	101	403	1.80	6.14	89	76	303	1.40	4.78	3			EPTC	Al	168
S	SR70CY1	7.0	ST	ESCR	118	101	403	1.85	6.31	89	76	303	1.44	4.91	3		TUV/CE	EPTC	Al	168
L	LC70CY1	7.0	ST	ESCR	118	101	403	1.90	6.48	89	76	303	1.48	5.04	3		CCC/VDE	EPTC	Al	177
L	LD70CY1	7.0	ST	ESCR	118	101	403	1.95	6.65	89	76	303	1.52	5.18	3		CCC	EPTC	Al	177
A	AU130CY1A	8.0	ST	RSCR	128	110	437	1.60	5.46	96	83	328	1.25	4.25	4			PTC	Al	163
A	A145CY1A	8.8	ST	RSIR	140	120	478	1.35	4.61	105	91	359	1.05	3.58			CCC/CB/TUV	PTC	Al	157
A	AK140CY1A	8.8	ST	RSCR	140	120	478	1.50	5.12	105	91	359	1.17	3.98	4		CCC/CB/VDE	PTC	Al	163
A	AU140CY1A	8.8	ST	RSCR	140	120	478	1.60	5.46	105	91	359	1.25	4.25	4		CCC/CE	PTC	Al	163
A	AZ140CY1A	8.8	ST	ESCR	140	120	478	1.70	5.80	105	91	359	1.32	4.51	4		TUV/VDE	EPTC	Al	163
S	SJ80CY1	8.0	ST	ESCR	138	119	471	1.80	6.14	104	89	354	1.40	4.78	4		CCC/TUV/CB	EPTC	Al	166
S	SR80CY1	8.0	ST	ESCR	138	119	471	1.85	6.31	104	89	354	1.44	4.91	4		CCC/VDE	EPTC	Al	168
L	LC82CY1	8.2	ST	ESCR	138	119	471	1.90	6.48	104	89	354	1.48	5.04	3		CCC/VDE	EPTC	Al	177
L	LD82CY1	8.2	ST	ESCR	138	119	471	1.95	6.65	104	89	354	1.52	5.18	3			EPTC	Al	177
S	S96CY1	9.6	ST	RSIR	155	133	529	1.35	4.61	117	100	398	1.05	3.58			CCC	PTC	Al	162
S	SU96CY1	9.6	ST	RSCR	155	133	529	1.60	5.46	117	100	398	1.25	4.25	4			PTC	Al	162
S	SZ96CY1	9.6	ST	RSCR	155	133	529	1.70	5.80	117	100	398	1.32	4.51	4			PTC	Al	162
S	SJ96CY1	9.6	ST	ESCR	155	133	529	1.80	6.14	117	100	398	1.40	4.78	4		CCC	EPTC	Al	168
L	LR88CY1	8.8	ST	ESCR	158	136	539	1.88	6.41	119	102	405	1.46	4.99	4		CCC/VDE	EPTC	Al	177
L	LD88CY1	8.8	ST	ESCR	158	136	539	1.95	6.65	119	102	405	1.52	5.18	4			EPTC	Al	177
S	S100CY1	10.0	ST	RSIR	168	144	573	1.35	4.61	126	109	431	1.05	3.58			CCC/VDE	PTC	Al	162
S	SK100CY1	10.0	ST	RSIR	168	144	573	1.52	5.19	126	109	431	1.18	4.04				PTC	Al	162
S	SU100CY1	10.0	ST	RSIR	168	144	573	1.60	5.46	126	109	431	1.25	4.25			CCC/VDE	PTC	Al	162
S	SZ100CY1	10.0	ST	RSCR	168	144	573	1.75	5.97	126	109	431	1.36	4.65	4		CCC	PTC	Al	168
S	SJ100CY1	10.0	ST	ESCR	168	144	573	1.80	6.14	126	109	431	1.40	4.78	4		CCC/TUV	EPTC	Al	168
S	SR100CY1	10.0	ST	ESCR	168	144	573	1.85	6.31	126	109	431	1.44	4.91	4			EPTC	Al	171
L	LC100CY1	10.0	S	ESCR	168	144	573	1.90	6.48	126	109	431	1.48	5.04	4		CCC/VDE	EPTC	Al	177
L	LD100CY1	10.0	S	ESCR	168	144	573	1.95	6.65	126	109	431	1.52	5.18	4		CCC	EPTC	Al	177
S	SJ111CY1	11.1	ST	RSCR	185	159	631	1.65	5.63	139	120	475	1.28	4.38	4		CCC/CB	PTC	Al	162
S	SZ111CY1	11.1	ST	RSCR	185	159	631	1.73	5.90	139	120	475	1.35	4.59	4		CCC	PTC	Al	168
S	SJ111CY1	11.1	ST	ESCR	185	159	631	1.80	6.14	139	120	475	1.40	4.78	4		TUV/CE/VDE	EPTC	Al	171
L	LR111CY1	11.1	ST	ESCR	185	159	631	1.88	6.41	139	120	475	1.46	4.99	4		CCC	EPTC	Al	177
L	LC111CY1	11.1	ST	ESCR	185	159	631	1.90	6.48	139	120	475	1.48	5.04	4		CCC	EPTC	Al	177
S	S118CY1	11.8	ST	RSIR	193	166	659	1.38	4.71	145	125	495	1.07	3.66			CB/TUV/CE	PTC	Al	166
S	SU118CY1	11.8	ST	RSCR	193	166	659	1.65	5.63	145	125	495	1.28	4.38	4		CB	PTC	Al	168
S	SZ118CY1	11.8	ST	RSCR	193	166	659	1.70	5.80	145	125	495	1.32	4.51	4		CB	PTC	Al	168
L	LJ118CY1	11.8	ST	ESCR	193	166	659	1.80	6.14	145	125	495	1.40	4.78	5		CCC/VDE	EPTC	Al	177
L	LR118CY1	11.8	ST	ESCR	193	166	659	1.85	6.31	145	125	495	1.44	4.91	5		CCC/CE	EPTC	Al	177
L	LC118CY1	11.8	ST	ESCR	193	166	659	1.91	6.52	145	125	495	1.49	5.07	4			EPTC	Al	177
S	S126CY1*	12.6	ST	RSIR	212	182	723	1.36	4.64	159	137	544	1.06	3.61			CCC/VDE	PTC	Al	168
S	SU126CY1*	12.6	ST	RSCR	212	182	723	1.60	5.46	159	137	544	1.25	4.25	5		CCC/VDE	PTC	Al	168
S	SZ126CY1	12.6	ST	RSCR	212	182	723	1.70	5.80	159	137	544	1.32	4.51	5		CCC	PTC	Al	171
L	LJ126CY1	12.6	ST	ESCR	212	182	723	1.80	6.14	159	137	544	1.40	4.78	4		CCC/VDE	EPTC	Al	177
L	LR126CY1	12.6	ST	ESCR	212	182	723	1.85	6.31	159	137	544	1.44	4.91	4			EPTC	Al	177
L	LC126CY	12.6	ST	ESCR	212	182	723	1.90	6.48	159	137	544	1.48	5.04	4		CCC/VDE	EPTC	Cu	177

系列 Series	型号 Model	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23. 3/54. 4/32. 2℃)				CECOMAF (-25/55/32℃)				运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"	
					制冷量 Cooling Capacity		COP		制冷量 Cooling Capacity		COP								
					W	Kcal/h Btu/h	W/W	EER	W	Kcal/h Btu/h	W/W	EER							
220-240V~50Hz R600a LBP																			
L	L140CY1	14.0	F	RSIR	235	202	802	1.36	4.64	177	152	603	1.06	3.61		CCC/VDE	PTC	Al	174
L	LU140CY1	14.0	F	RSCR	235	202	802	1.60	5.46	177	152	603	1.25	4.25	5	CCC/VDE	PTC	Al	177
L	LZ140CY1	14.0	F	RSCR	235	202	802	1.70	5.80	177	152	603	1.32	4.51	5		PTC	Al	177
L	LM140CY1	14.0	F	ESCR	235	202	802	1.75	5.97	177	152	603	1.36	4.65	5	CCC	EPTC	Al	177
L	LJ140CY1	14.0	F	ESCR	235	202	802	1.80	6.14	177	152	603	1.40	4.78	5	CCC/VDE	EPTC	Al	177
K	K270CY1	16.2	F	RSIR	265	228	904	1.30	4.44	199	171	680	1.01	3.45		CCC/VDE	PTC	Al	189
K	KK270CY1	16.2	F	RSCR	265	228	904	1.50	5.12	199	171	680	1.17	3.98	5	CCC/VDE	PTC	Al	189
K	KU270CY1	16.2	F	RSCR	265	228	904	1.60	5.46	199	171	680	1.25	4.25	5	CCC/VDE	PTC	Al	189
K	KJ270CY1	16.2	F	ESCR	265	228	904	1.83	6.24	199	171	680	1.42	4.86	5	CCC	EPTC	Cu	189
K	KR270CY1	16.2	F	ESCR	265	228	904	1.88	6.41	199	171	680	1.46	4.99	5	CCC/VDE	EPTC	Cu	189
K	K290CY1	18.3	F	RSIR	290	249	989	1.30	4.44	218	187	744	1.01	3.45		CCC/VDE	PTC	Al	189
160-260V~50Hz R600a LBP																			
D	D40WY1	4.0	ST	RSIR	50	43	171	1.20	4.09	38	32	128	0.93	3.19		CB	PTC	Al	157
D	D43WY1	4.3	ST	RSIR	65	56	222	1.20	4.09	49	42	167	0.93	3.19		CB	PTC	Al	157
S	SZ50WY1	5.0	ST	RSCR	80	69	273	1.70	5.80	60	52	205	1.32	4.51	2.5		PTC	Al	168
S	SZ55WY1*	5.5	ST	ESCR	90	77	307	1.73	5.90	68	58	231	1.35	4.59	2.5		EPTC	Al	168
D	D65WY1	6.0	ST	RSIR	95	82	324	1.15	3.92	71	61	244	0.89	3.05			PTC	Al	157
A	A100WY1A	6.2	ST	RSIR	98	84	334	1.30	4.44	74	63	251	1.01	3.45		CB	PTC	Al	160
S	SG66WY1*	6.6	ST	RSIR	102	88	348	1.45	4.95	77	66	262	1.13	3.85			PTC	Al	166
S	SK66WY1	6.6	ST	RSIR	102	88	348	1.55	5.29	77	66	262	1.21	4.12			PTC	Al	166
S	SJ66WY1	6.6	ST	ESCR	102	88	348	1.80	6.14	77	66	262	1.40	4.78	4	CB/CE	EPTC	Al	171
A	A110WY1A	6.7	ST	RSIR	108	93	368	1.30	4.44	81	70	277	1.01	3.45		CE/CB	PTC	Al	160
A	AK110WY1A	6.7	ST	RSIR	108	93	368	1.45	4.95	81	70	277	1.13	3.85		CB	PTC	Al	163
A	AZ110WY1A	6.7	ST	RSCR	108	93	368	1.65	5.63	81	70	277	1.28	4.38	5	CB	EPTC	Al	163
A	A120WY1A	7.2	ST	RSIR	118	101	403	1.30	4.44	89	76	303	1.01	3.45		CE/CB	PTC	Al	160
S	SJ70WY1	7.0	ST	ESCR	118	101	403	1.80	6.14	89	76	303	1.40	4.78	4	TUV/CE	EPTC	Al	168
S	SR75WY1	7.5	ST	ESCR	128	110	437	1.85	6.31	96	83	328	1.44	4.91	4		EPTC	Al	168
A	AK140WY1A	8.8	ST	RSCR	140	120	478	1.45	4.95	105	91	359	1.13	3.85	6	CB	PTC	Al	163
L	LC82WY1	8.2	ST	ESCR	138	119	471	1.90	6.48	104	89	354	1.48	5.04	3		EPTC	Al	177
S	SJ96WY1	9.6	ST	RSCR	155	133	529	1.60	5.46	117	100	398	1.25	4.25	4		PTC	Al	166
S	SJ96WY1	9.6	ST	ESCR	155	133	529	1.80	6.14	117	100	398	1.40	4.78	4		EPTC	Al	168
L	LC88CYA	8.8	ST	ESCR	155	133	529	1.91	6.52	117	100	398	1.49	5.07	4	CCC/CB	EPTC	Cu	177
S	SL100WY1	10.0	ST	RSIR	168	144	573	1.35	4.61	126	109	431	1.05	3.58		CCC/CB	PTC	Al	166
S	SK100WY1*	10.0	ST	RSIR	168	144	573	1.55	5.29	126	109	431	1.21	4.12			PTC	Al	166
S	SU100WY1	10.0	ST	RSCR	168	144	573	1.60	5.46	126	109	431	1.25	4.25	4		PTC	Al	166
S	SZ100WY1	10.0	ST	RSCR	168	144	573	1.70	5.80	126	109	431	1.32	4.51	4		PTC	Al	168
L	LR100WY1*	10.0	ST	ESCR	168	144	573	1.85	6.31	126	109	431	1.44	4.91	4		EPTC	Al	177
S	SU111WY1	11.1	ST	RSCR	183	157	624	1.60	5.46	138	118	469	1.25	4.25	6		PTC	Al	168
L	LJ18BWY1	11.8	ST	RSIR	193	166	659	1.40	4.78	145	125	495	1.09	3.72		CCC/CB	PTC	Al	177
L	LJ118WY1	11.8	ST	ESCR	193	166	659	1.80	6.14	145	125	495	1.40	4.78	5	CCC/VDE	EPTC	Al	177
L	LJ126WY1	12.6	ST	RSCR	212	182	723	1.36	4.64	159	137	544	1.06	3.61	4	CB	PTC	Al	177
L	LJ126WY1	12.6	ST	ESCR	212	182	723	1.80	6.14	159	137	544	1.40	4.78	5	CCC/VDE	EPTC	Al	177
L	LZ140WY1	14.0	ST	RSCR	235	202	802	1.68	5.73	177	152	603	1.31	4.46	5	CB	PTC	Al	177
L	LJ140CY1	14.0	ST	ESCR	235	202	802	1.80	6.14	177	152	603	1.40	4.78	5		PTC	Al	177
K	KM270WY1	16.2	F	ESCR	265	228	904	1.65	5.63	199	171	680	1.28	4.38	5	CCC/VDE	EPTC	Cu	189

系列 Series	型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23.3/54.4/32.2℃)						CECOMAF (-25/55/32℃)						运行电容 Run Capacitor μF	启动电容 Start Capacitor μF	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
220-240V~50Hz/60Hz R600a LBP																						
D	D40DY1	4.0	ST	RSIR	52	45	177	1.00	3.41	39	34	133	0.78	2.66			CB/KC	PTC	Al	147		
					65	56	222	1.20	4.09	49	42	167	0.93	3.19								
A	AK80DY1A	4.8	ST	RSIR	68	58	232	1.35	4.61	51	44	174	1.05	3.58			CB/KC	PTC	Al	155		
					80	69	273	1.50	5.12	60	52	205	1.17	3.98								
A	AK100DY1A	5.5	ST	RSIR	83	71	283	1.35	4.61	62	54	213	1.05	3.58			CB	PTC	Al	155		
					98	84	334	1.50	5.12	74	63	251	1.17	3.98								
A	AU100DY1A	5.5	ST	RSIR	83	71	283	1.45	4.95	62	54	213	1.13	3.85			CB	PTC	Al	163		
					98	84	334	1.60	5.46	74	63	251	1.25	4.25								
A	AZ100DY1A	5.5	ST	RSCR	83	71	283	1.60	5.46	62	54	213	1.25	4.25	4			PTC	Al	163		
					98	84	334	1.70	5.80	74	63	251	1.32	4.51								
A	AU120DY1A	6.2	ST	RSCR	108	93	368	1.45	4.95	81	70	277	1.13	3.85	4		CB	PTC	Al	163		
					125	107	427	1.60	5.46	94	81	321	1.25	4.25								
A	AK140DY1	7.2	ST	RSCR	118	101	403	1.40	4.78	89	76	303	1.09	3.72	4		CB	PTC	Al	157		
					140	120	478	1.50	5.12	105	91	359	1.17	3.98								
S	SZ80DY1	8.0	ST	RSCR	140	120	478	1.60	5.46	105	91	359	1.25	4.25	4			PTC	Al	168		
					165	142	563	1.70	5.80	124	107	423	1.32	4.51								
L	LR82DY1	8.2	ST	ERSCR	140	120	478	1.75	5.97	105	91	359	1.36	4.65	4			EPTC	Al	168		
					165	142	563	1.85	6.31	124	107	423	1.44	4.91								
L	LK76DY1	7.6	ST	RSCR	146	126	498	1.44	4.91	110	94	375	1.12	3.82	4		CCC/VDE	PTC	Al	174		
					168	144	573	1.53	5.22	126	109	431	1.19	4.06								
L	LZ76DY1	7.6	ST	RSCR	146	126	498	1.60	5.46	110	94	375	1.25	4.25	4		CCC/VDE	PTC	Al	174		
					168	144	573	1.70	5.80	126	109	431	1.32	4.51								
L	LJ76DY1	7.6	ST	ESCR	146	126	498	1.72	5.87	110	94	375	1.34	4.57	4		CCC/CB/CE	EPTC	Al	179		
					168	144	573	1.80	6.14	126	109	431	1.40	4.78								
L	LK88DY1	8.8	ST	RSIR	155	133	529	1.38	4.71	117	100	398	1.07	3.66			VDE	PTC	Al	174		
					185	159	631	1.47	5.02	139	120	475	1.14	3.90								
L	LU88DY1	8.8	ST	RSIR	155	133	529	1.58	5.39	117	100	398	1.23	4.20			CB	PTC	Al	174		
					185	159	631	1.62	5.53	139	120	475	1.26	4.30								
S	SJ96DY1	9.6	ST	ESCR	155	133	529	1.75	5.97	117	100	398	1.36	4.65	4		CB/KC	EPTC	Al	168		
					180	155	614	1.80	6.14	135	116	462	1.40	4.78								
L	LU118DY1	11.8	ST	RSCR	185	159	631	1.50	5.12	139	120	475	1.17	3.98	5		VDE	PTC	Al	177		
					215	185	734	1.59	5.43	162	139	552	1.24	4.22								
L	LJ118DY1	11.8	ST	ESCR	185	159	631	1.72	5.87	139	120	475	1.34	4.57	4		CCC/VDE/CB/KC	EPTC	Al	177		
					215	185	734	1.80	6.14	162	139	552	1.40	4.78								
L	LJ126DY1	12.6	F	ESCR	212	182	723	1.72	5.87	159	137	544	1.34	4.57	5		CB/CCC/VDE/KC	EPTC	Al	177		
					240	206	819	1.80	6.14	180	155	616	1.40	4.78								
K	KU270DY1	14.3	F	RSCR	248	213	846	1.50	5.12	186	160	636	1.17	3.98	5		TUV/CE/CCC	PTC	Al	189		
					265	228	904	1.60	5.46	199	171	680	1.25	4.25								
220-240V~60Hz R600a LBP																						
A	A110FY1	6.0	ST	RSIR	110	95	375	1.00	3.41	83	71	282	0.78	2.66				PTC	Al	147		
A	A120FY1A	6.2	ST	RSIR	118	101	403	1.35	4.61	89	76	303	1.05	3.58			INMETRO	PTC	Al	155		
A	AZ120FY1A	6.2	ST	RSCR	118	101	403	1.70	5.80	89	76	303	1.32	4.51	3		CB	PTC	Al	163		
S	SG96FY1	9.6	ST	RSIR	180	155	614	1.50	5.12	135	116	462	1.17	3.98				PTC	Al	163		

系列 Series	型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23.3/54.4/32.2℃)						CECOMAF (-25/55/32℃)						运行电容 Run Capacitor μF	启动电容 Start Capacitor μF	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
					115-127V~60Hz R600a LBP																	
A	AK60XY1	3.6	ST	RSCR	60	52	205	1.50	5.12	45	39	154	1.17	3.98	6		UL	PTC	AI	155		
A	AU60XY1A	3.6	ST	RSCR	60	52	205	1.60	5.46	45	39	154	1.25	4.25	6			PTC	AI	160		
A	AK80XY1	4.8	ST	RSCR	80	69	273	1.45	4.95	60	52	205	1.13	3.85	6		UL	PTC	AI	155		
A	AU80XY1A	4.8	ST	RSCR	80	69	273	1.60	5.46	60	52	205	1.25	4.25	6		CB	PTC	AI	155		
A	A100XY1A	5.5	ST	RSIR	98	84	334	1.30	4.44	74	63	251	1.01	3.45			UL	PTC	AI	155		
A	AK100XY1A	5.5	ST	RSIR	98	84	334	1.45	4.95	74	63	251	1.13	3.85			UL	PTC	AI	155		
A	AZ100XY1A	5.7	ST	ESCR	98	84	334	1.70	5.80	74	63	251	1.32	4.51	12			EPTC	AI	163		
A	A110XY1	6.0	ST	RSIR	108	93	368	1.00	3.41	81	70	277	0.78	2.66				PTC	AI	155		
A	AK110XY1A*	6.0	ST	RSIR	108	93	368	1.50	5.12	81	70	277	1.17	3.98				PTC	AI	163		
L	LR58XY1	5.8	ST	ESCR	115	99	392	1.88	6.41	86	74	295	1.46	4.99	12			EPTC	AI	177		
S	SJ60XY1	6.0	ST	ESCR	115	99	392	1.78	6.07	86	74	295	1.39	4.73	12			EPTC	AI	171		
A	A120XY1A	6.2	ST	RSIR	118	101	403	1.35	4.61	89	76	303	1.05	3.58			UL	PTC	AI	155		
A	AK120XY1A	6.2	ST	RSIR	118	101	403	1.50	5.12	89	76	303	1.17	3.98				PTC	AI	155		
A	AK120XY1B	6.2	ST	RSIR	118	101	403	1.50	5.12	89	76	303	1.17	3.98				PTC	AI	155		
A	AU120XY1A	6.2	ST	RSCR	118	101	403	1.58	5.39	89	76	303	1.23	4.20	12		CB	PTC	AI	163		
A	AZ120XY1A	6.2	ST	ESCR	118	101	403	1.70	5.80	89	76	303	1.32	4.51	12		CB	EPTC	AI	163		
S	SJ66XY1	6.3	ST	ESCR	123	106	420	1.80	6.14	92	80	316	1.40	4.78	12			EPTC	AI	171		
L	LC66XY1	6.6	ST	ESCR	135	116	461	1.90	6.48	102	87	346	1.48	5.04	12			EPTC	AI	177		
S	SK70XY1*	7.0	ST	RSCR	138	119	471	1.50	5.12	104	89	354	1.17	3.98	12			PTC	AI	168		
S	SZ70XY1	7.0	ST	RSCR	138	119	471	1.70	5.80	104	89	354	1.32	4.51	12			PTC	AI	168		
S	SJ70XY1	7.0	ST	ESCR	138	119	471	1.80	6.14	104	89	354	1.40	4.78	12		UL	EPTC	AI	171		
L	LR70XY1	7.0	ST	ESCR	138	119	471	1.85	6.31	104	89	354	1.44	4.91	12		UL	EPTC	AI	177		
L	LC70XY1*	7.0	ST	ESCR	138	119	471	1.90	6.48	104	89	354	1.48	5.04	12			EPTC	AI	177		
A	AK140XY1A	7.2	ST	RSIR	140	120	478	1.50	5.12	105	91	359	1.17	3.98			UL/INMETRO	PTC	AI	160		
S	SU80XY1	8.0	ST	RSIR	165	142	563	1.60	5.46	124	107	423	1.25	4.25			UL	PTC	AI	168		
S	SZ80XY1	8.0	ST	RSCR	165	142	563	1.70	5.80	124	107	423	1.32	4.51	12			PTC	AI	168		
S	SJ80XY1	8.0	ST	ESCR	165	142	563	1.80	6.14	124	107	423	1.40	4.78	12		UL	EPTC	AI	171		
L	LR82XY1	8.2	ST	ESCR	170	146	580	1.85	6.31	128	110	436	1.44	4.91	12			EPTC	AI	177		
S	SG96XY1	9.6	ST	RSIR	180	155	614	1.48	5.05	135	116	462	1.15	3.93			UL	PTC	AI	166		
S	SU96XY1	9.6	ST	RSCR	180	155	614	1.60	5.46	135	116	462	1.25	4.25	12		UL	PTC	AI	166		
S	SZ96XY1	9.6	ST	RSCR	180	155	614	1.70	5.80	135	116	462	1.32	4.51	12			PTC	AI	166		
S	SJ96XY1	9.6	ST	ESCR	180	155	614	1.80	6.14	135	116	462	1.40	4.78	12		UL	EPTC	AI	171		
L	LJ88XY1A	8.8	ST	ESCR	185	159	631	1.80	6.14	139	120	475	1.40	4.78	12			EPTC	AI	179		
L	LR88XY1	8.8	ST	ESCR	185	159	631	1.85	6.31	139	120	475	1.44	4.91	12			EPTC	AI	179		
L	LC88XY1	8.8	ST	ESCR	185	159	631	1.90	6.48	139	120	475	1.48	5.04	12			EPTC	AI	179		
L	LJ100XY1	10.0	ST	ESCR	195	168	665	1.80	6.14	147	126	500	1.40	4.78	12			EPTC	AI	179		
S	SJ111XY1	11.1	ST	RSCR	212	182	723	1.60	5.46	159	137	544	1.25	4.25	12			PTC	AI	171		
L	LJ111XY1	11.1	ST	ESCR	215	185	734	1.80	6.14	162	139	552	1.40	4.78	12		UL	EPTC	AI	179		
L	LJ111XY1A	11.1	ST	ESCR	215	185	734	1.80	6.14	162	139	552	1.40	4.78	12		UL	EPTC	AI	179		
L	LR111XY1*	11.1	ST	ESCR	215	185	734	1.85	6.31	162	139	552	1.44	4.91	12			EPTC	AI	179		
L	LU118XY1	11.8	ST	RSCR	225	193	768	1.55	5.29	169	145	577	1.21	4.12	12		CB	PTC	AI	171		
L	LZ118XY1	11.8	ST	RSCR	225	193	768	1.70	5.80	169	145	577	1.32	4.51	12			PTC	AI	177		
L	LJ118XY1	11.8	ST	ESCR	225	193	768	1.80	6.14	169	145	577	1.40	4.78	12			EPTC	AI	177		
L	LZ126XY1	12.6	ST	ESCR	250	215	853	1.70	5.80	188	162	641	1.32	4.51	12		CB	EPTC	AI	179		
L	LJ126XY1	12.6	ST	ESCR	250	215	853	1.78	6.07	188	162	641	1.39	4.73	12			EPTC	Cu	179		
L	LU140XY1*	14.0	ST	RSCR	275	236	938	1.60	5.46	207	178	705	1.25	4.25	12			PTC	AI	179		

系列 Series	型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23, 3/54, 4/32, 2℃)								CECOMAF (-25/55/32℃)								运行电容 Run Capacitor μF	启动电容 Start Capacitor μF	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"	
					制冷量 Cooling Capacity				COP				制冷量 Cooling Capacity				COP										
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER													
115V~60Hz R600a LBP																											
D	D35BY1	3.5	ST	RSIR	50	43	171	1.00	3.41	38	32	128	0.78	2.66				UL	PTC	Al	135						
D	DG40BY1A	4.0	ST	RSIR	65	56	222	1.28	4.37	49	42	167	1.00	3.40				UL	PTC	Al	142						
D	DK40BY1	4.0	ST	RSIR	65	56	222	1.35	4.61	49	42	167	1.05	3.58				UL	PTC	Al	147						
D	DK40BY1B	4.0	ST	RSIR	62	53	212	1.28	4.37	47	40	159	1.00	3.40				UL	PTC	Al	135						
D	D53BY1	5.3	ST	RSIR	95	82	324	1.20	4.09	71	61	244	0.93	3.19				UL	PTC	Al	147						
S	SZ70BY1	7.0	ST	ESCR	138	119	471	1.70	5.80	104	89	354	1.32	4.51				EPTC	Al	168							
L	LK111BY	11.1	ST	RSCR	200	172	682	1.50	5.12	150	129	513	1.17	3.98				12	PTC	Cu	174						
L	LZ111BY1	11.1	ST	RSCR	200	172	682	1.70	5.80	150	129	513	1.32	4.51				12	CB	PTC	Al	177					
100V~50Hz/60Hz R600a LBP																											
A	AG60AY1	3.6	ST	RSIR	45	39	154	1.20	4.09	34	29	115	0.93	3.19					PTC	Al	155						
					56	48	191	1.30	4.44	42	36	144	1.01	3.45													
D	DG40AY1	4.0	ST	RSIR	52	45	177	1.25	4.27	39	34	133	0.97	3.32				CB	PTC	Al	144						
					65	56	222	1.28	4.37	49	42	167	1.00	3.40													
A	AG80AY1	4.5	ST	RSIR	68	58	232	1.30	4.44	51	44	174	1.01	3.45				CB	PTC	Al	155						
					80	69	273	1.45	4.95	60	52	205	1.13	3.85													
A	AU100AY1A	6.2	ST	RSCR	98	84	334	1.50	5.12	74	63	251	1.17	3.98	12				PTC	Al	160						
					118	101	403	1.60	5.46	89	76	303	1.25	4.25													
A	AG120AY1A	6.2	ST	RSIR	100	86	341	1.30	4.44	75	65	257	1.01	3.45					PTC	Al	155						
					120	103	409	1.45	4.95	90	78	308	1.13	3.85													
S	SJ66AY1	6.6	ST	ESCR	105	90	358	1.75	5.97	79	68	269	1.36	4.65	12				EPTC	Al	168						
					118	101	403	1.80	6.14	89	76	303	1.40	4.78													
A	AG130AY1A	6.7	ST	RSIR	111	95	379	1.35	4.61	83	72	285	1.05	3.58					PTC	Al	155						
					130	112	444	1.45	4.95	98	84	334	1.13	3.85													
A	AZ130AY1A	6.7	ST	RSCR	111	95	379	1.55	5.29	83	72	285	1.21	4.12	12				PTC	Al	163						
					130	112	444	1.70	5.80	98	84	334	1.32	4.51													
A	AG140AY1	7.2	ST	RSIR	118	101	403	1.30	4.44	89	76	303	1.01	3.45					PTC	Al	157						
					140	120	478	1.42	4.85	105	91	359	1.11	3.77													
S	SM70AY1	7.0	ST	ESCR	118	101	403	1.70	5.80	89	76	303	1.32	4.51	12			CB	EPTC	Al	168						
					140	120	478	1.75	5.97	105	91	359	1.36	4.65													
S	SZ80AY1	8.0	ST	ESCR	140	120	478	1.60	5.46	105	91	359	1.25	4.25	12				EPTC	Al	168						
					165	142	563	1.70	5.80	124	107	423	1.32	4.51													
L	L126AY	12.6	ST	RSIR	212	182	723	1.25	4.27	159	137	544	0.97	3.32					PTC	Cu	177						
					240	206	819	1.35	4.61	180	155	616	1.05	3.58													
					212	182	723	1.65	5.63	159	137	544	1.28	4.38													
L	LZ126AY	12.6	ST	ESCR	240	206	819	1.70	5.80	180	155	616	1.32	4.51	12			EPTC	Cu	177							
220-240V~50Hz R134a LBP																											
S	SK53CZ1	5.3	ST	RSCR	145	125	495	1.50	5.12	109	94	372	1.17	3.98	4			CCC/CB	PTC	Al	168						
S	S65CZ1	6.5	ST	RSIR	170	146	580	1.30	4.44	128	110	436	1.01	3.45													
S	SK65CZ1	6.5	ST	RSCR	175	150	597	1.50	5.12	132	113	449	1.17	3.98	5			PTC	Al	171							
L	LM65CZ	6.5	ST	ESCR	175	150	597	1.70	5.80	132	113	449	1.32	4.51	4			CCC/VDE	EPTC	Cu	177						
L	LJ65CZ	6.5	ST	ESCR	175	150	597	1.78	6.07	132	113	449	1.39	4.73	4			CCC/VDE	EPTC	Cu	179						
L	LU70CZ	7.0	ST	RSCR	190	163	648	1.55	5.29	143	123	487	1.21	4.12	5			CCC/VDE	PTC	Cu	174						
S	S72CZ1	7.2	ST	RSIR	195	168	665	1.35	4.61	147	126	500	1.05	3.58				CCC/CB	PTC	Al	168						
L	LK72CZ	7.2	ST	RSCR	195	168	665	1.50	5.12	147	126	500	1.17	3.98	4			CCC/VDE	PTC	Cu	170						
L	LU72CZ	7.2	ST	RSCR	195	168	665	1.60	5.46	147	126	500	1.25	4.25	4				PTC	Cu	177						
L	LM72CZ	7.2	ST	ESCR	195	168	665	1.70	5.80	147	126	500	1.32	4.51	4			CCC/VDE/CB	EPTC	Cu	177						
S	S76CZ1	7.6	ST	RSIR	215	185	734	1.30	4.44	162	139	552	1.01	3.45				PTC	Al	168							

系列 Series	型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23, 3/54, 4/32, 2°C)								CECOMAF (-25/55/32°C)								运行电容 Run Capacitor μF	启动电容 Start Capacitor μF	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity				COP				制冷量 Cooling Capacity				COP									
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER							
220-240V~50Hz R134a LBP																										
L	L83CZ1	8.3	F	RSIR	230	198	785	1.30	4.44	173	149	590	1.01	3.45					CCC/CB	PTC	Al	179				
L	L96CZ1	9.5	F	RSIR	270	232	921	1.30	4.44	203	175	693	1.01	3.45					CCC	PTC	Al	179				
K	KK230CZ1	8.3	F	RSCR	230	198	785	1.50	5.12	173	149	590	1.17	3.98	5				CCC/VDE	PTC	Al	189				
K	KM230CZ	8.3	F	ESCR	230	198	785	1.70	5.80	173	149	590	1.32	4.51	5				CCC/VDE	EPTC	Cu	189				
K	KK270CZ1	9.5	F	RSCR	270	232	921	1.50	5.12	203	175	693	1.17	3.98	5				CCC/VDE	PTC	Al	189				
K	K325CZ1	11.4	F	CSIR	325	279	1109	1.30	4.44	244	210	834	1.01	3.45			50		CCC/VDE	CURRENT	Al	198				
K	K375CZ1	12.7	F	CSIR	375	322	1280	1.30	4.44	282	242	962	1.01	3.45			50		CCC/VDE	CURRENT	Al	198				
K	K400CZ1	14.3	F	CSR	400	344	1365	1.30	4.44	301	259	1026	1.01	3.45	6	50			CCC	CURRENT	Al	198				
220-240V~50Hz R134a M/HBP																										
S	S65CZ1A	6.5	F	RSIR	170	146	580	1.15	3.92	128	110	436	0.89	3.05					CCC/CB	PTC	Al	167				
S	S72CZ1A	7.2	F	RSIR	195	168	665	1.15	3.92	147	126	500	0.89	3.05					CCC/CB	PTC	Al	168				
S	S76CZ1A	7.6	F	RSIR	215	185	734	1.15	3.92	162	139	552	0.89	3.05					CCC/CB	PTC	Al	168				
160-260V~50Hz R134a LBP																										
D	D25WZ1	2.5	ST	RSIR	55	47	188	1.00	3.41	41	36	141	0.78	2.66					CCC/VDE/CB	PTC	Al	147				
D	D30WZ1	3.0	ST	RSIR	70	60	239	1.00	3.41	53	45	180	0.78	2.66					CCC/VDE/CB	PTC	Al	147				
D	D30WZ1B	3.0	ST	RSIR	70	60	239	1.10	3.75	53	45	180	0.86	2.92					CB	PTC	Al	157				
D	D36WZ1	3.6	ST	RSIR	85	73	290	1.00	3.41	64	55	218	0.78	2.66					CB	PTC	Al	157				
A	A110WZ1	4.3	ST	RSCR	110	95	375	1.30	4.44	83	71	282	1.01	3.45	6				CCC/VDE/CB	PTC	Al	157				
S	S48WZ1	4.8	ST	RSIR	125	107	427	1.25	4.27	94	81	321	0.97	3.32					CCC/VDE	PTC	Al	165				
A	A120WZ1	4.5	ST	RSCR	125	107	427	1.30	4.44	94	81	321	1.01	3.45	4				CCC/VDE	PTC	Al	157				
S	S53WZ1	5.3	ST	RSIR	145	125	495	1.30	4.44	109	94	372	1.01	3.45					CCC/CB	PTC	Al	166				
S	S56WZ1	5.6	ST	RSIR	155	133	529	1.30	4.44	117	100	398	1.01	3.45					PTC	Al	166					
L	L256WZ1	5.6	ST	RSCR	145	125	495	1.68	5.73	109	94	372	1.31	4.46	4				CB	PTC	Al	179				
L	L265WZ1	5.6	ST	RSCR	170	146	580	1.68	5.73	128	110	436	1.31	4.46	4				CB	PTC	Al	177				
S	SK72WZ1	7.2	ST	RSIR	195	168	665	1.50	5.12	147	126	500	1.17	3.98						PTC	Al	168				
L	LU72WZ1	7.2	ST	RSCR	195	168	665	1.55	5.29	147	126	500	1.21	4.12	4				VDE/CB	PTC	Al	177				
L	L272WZ1	7.2	ST	RSCR	195	168	665	1.68	5.73	147	126	500	1.31	4.46	4					PTC	Al	177				
L	L76CZ1	7.6	ST	RSIR	210	181	717	1.30	4.44	158	136	539	1.01	3.45					CCC/VDE	PTC	Al	177				
L	LG83WZ1	8.3	F	RSCR	240	206	819	1.40	4.78	180	155	616	1.09	3.72	6				CCC/CB	PTC	Al	179				
220-240V~50Hz/60Hz R134a LBP																										
D	D25DZ1	2.5	ST	RSIR	55	47	188	0.95	3.24	41	36	141	0.74	2.52							PTC	Al	147			
					65	56	222	1.00	3.41	49	42	167	0.78	2.66												
D	DK30DZ1	3.0	ST	RSCR	70	60	239	1.00	3.41	53	45	180	0.78	2.66	3						PTC	Al	147			
					85	73	290	1.28	4.37	64	55	218	1.00	3.40												
A	AG100DZ1	3.6	ST	RSCR	85	73	290	1.30	4.44	64	55	218	1.01	3.45	4						PTC	Al	157			
					100	86	341	1.40	4.78	75	65	257	1.09	3.72												
A	AG130DZ1	4.3	ST	RSCR	110	95	375	1.30	4.44	83	71	282	1.01	3.45	3						INMETRO	PTC	Al	157		
					130	112	444	1.40	4.78	98	84	334	1.09	3.72												
L	LG56DZ1	5.6	ST	RSIR	146	126	498	1.30	4.44	110	94	375	1.01	3.45							CB	PTC	Al	174		
					168	144	573	1.40	4.78	126	109	431	1.09	3.72												
L	LK56DZ1	5.6	ST	RSIR	161	138	549	1.40	4.78	121	104	413	1.09	3.72							INMETRO	PTC	Al	177		
					185	159	631	1.50	5.12	139	120	475	1.17	3.98												
S	S72DZ1	7.2	ST	RSIR	168	144	573	1.10	3.75	126	109	431	0.86	2.92							PTC	Al	168			
					195	168	665	1.20	4.09	147	126	500	0.93	3.19												
L	LU66DZ1	6.5	ST	RSIR	185	159	631	1.45	4.95	139	120	475	1.13	3.85							CB	PTC	Al	174		
					210	181	717	1.60	5.46	158	136	539	1.25	4.25												

系列 Series	型号 Model	气缸容积 Displacement cm ³	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23, 3/54, 4/32, 2 °C)					CECOMAF (-25/55/32 °C)					运行电容 Run Capacitor μF	启动电容 Start Capacitor μF	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
					制冷量 Cooling Capacity			COP		制冷量 Cooling Capacity			COP							
					W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER						
220-240V~50Hz/60Hz R134a LBP																				
L	LU70DZ1	7.0	ST	RSCR	200 230	172 198	682 785	1.56 1.65	5.32 5.63	150 173	129 149	513 590	1.21 1.28	4.14 4.38	4	INMETRO /CB/KC	PTC	Al	177	
L	LU88DZ	7.5	ST	RSCR	208 240	179 206	710 819	1.50 1.60	5.12 5.46	156 180	134 155	534 616	1.17 1.25	3.98 4.25	5	CCC/KC /CB	PTC	Cu	170	
L	LU88DZ1A	7.5	ST	RSCR	208 240	179 206	710 819	1.48 1.55	5.05 5.29	156 180	134 155	534 616	1.15 1.21	3.93 4.12	5	CB	PTC	Al	177	
K	KK325DZ1	9.6	F	RSCR	270 325	232 279	921 1109	1.40 1.50	4.78 5.12	203 244	175 210	693 834	1.09 1.17	3.72 3.98	5	CCC/VDE	PTC	Al	189	
K	K390DZ1	11.4	F	CSIR	325 385	279 331	1109 1314	1.20 1.30	4.09 4.44	244 289	210 249	834 988	0.93 1.01	3.19 3.45	50	CCC/VDE /KC	CURRENT	Al	198	
115-127V~60Hz R134a L/MBP																				
D	D25XZ1	2.5	ST	RSIR	65	56	222	1.00	3.41	49	42	167	0.78	2.66		UL/INMETRO	PTC	Al	142	
D	D30XZ1	3.0	ST	RSIR	85	73	290	1.00	3.41	64	55	218	0.78	2.66			PTC	Al	147	
D	DK30XZ1	3.0	ST	RSCR	85	73	290	1.30	4.44	64	55	218	1.01	3.45	12		PTC	Al	147	
115-127V~60Hz R134a LBP																				
A	AG100XZ1	3.6	ST	RSCR	100	86	341	1.42	4.85	75	65	257	1.11	3.77	6	INMETRO	PTC	Al	157	
A	AG130XZ1	4.3	ST	RSCR	130	112	444	1.40	4.78	98	84	334	1.09	3.72	12	INMETRO	PTC	Al	157	
L	LK56XZ1	5.6	ST	RSCR	185	159	631	1.50	5.12	139	120	475	1.17	3.98	12		PTC	Al	177	
L	LM63XZ1	6.3	ST	ESCR	200	172	682	1.75	5.97	150	129	513	1.36	4.65	12	UL	EPTC	Al	177	
L	LJ63XZ	6.3	ST	ESCR	200	172	682	1.78	6.07	150	129	513	1.39	4.73	12	UL	EPTC	Cu	176	
L	LU66XZ1	6.6	ST	RSCR	210	181	717	1.56	5.32	158	136	539	1.21	4.14	12	UL	PTC	Al	177	
L	LU70XZ1	7.0	ST	RSCR	230	198	785	1.66	5.66	173	149	590	1.29	4.41	12	UL/INMETRO	PTC	Al	177	
K	KU325XZ1	9.6	F	RSCR	325	279	1109	1.55	5.29	244	210	834	1.21	4.12	12	CB	PTC	Al	189	
115V~60Hz R134a LBP																				
K	KU250BZ1	7.6	F	RSCR	250	215	853	1.58	5.39	188	162	641	1.23	4.20	12	UL	PTC	Al	189	
L	L86BZ1	8.6	ST	RSIR	265	228	904	1.30	4.44	199	171	680	1.01	3.45		UL	PTC	Al	177	
K	K390BZ1	11.4	F	CSIR	385	331	1314	1.30	4.44	289	249	988	1.01	3.45		UL	CURRENT	Al	189	
100V~50/60Hz R134a LBP																				
D	D25AZ1	2.5	ST	RSIR	55 65	47 56	188 222	0.80 1.00	2.73 3.41	41 49	36 42	141 167	0.62 0.78	2.12 2.66			PTC	Al	147	
S	S53AZ1	5.3	ST	RSIR	140 170	120 146	478 580	1.20 1.30	4.09 4.44	105 128	91 110	359 436	0.93 1.01	3.19 3.45			PTC	Al	162	
K	K390AZ	11.4	F	CSIR	325 385	279 331	1109 1314	1.20 1.30	4.09 4.44	244 289	210 249	834 988	0.93 1.01	3.19 3.45	150		CURRENT	Cu	189	

测试工况 TEST CONDITION

测试工况 Test Condition		低背压 LBP		中/高背压 MBP	
	ASHRAE	AHAM	CECOMAF	ASHRAE	
蒸发温度 Evap. Temp. °C	-23.3	-23.3	-25.0	+7.2	
环境温度 Amb. Temp. °C	+32.2	+32.2	+32.0	+35.0	
冷凝温度 Cond. Temp. °C	+54.4	+40.5	+55.0	+54.4	
吸气温度 Suction Temp. °C	+32.2	+32.2	+32.0	+35.0	
过冷温度 Subcooling Temp. °C	+32.2	+32.2	+55.0	+46.1	

单位换算 CONVERSION TABLE

1 kcal/h = 1.163W
 1 kcal/h = 3.968 Btu/h
 1 W = 0.8598 kcal/h
 1 W = 3.412 Btu/h
 1 Btu/h = 0.252 kcal/h
 Capacity (at 50Hz) × 1.16 = Capacity (at 60Hz)
 EER = COP × 3.412

注: *表示开发中产品

NOTE: * Developing

EPTC: 零功耗启动

EPTC: zero power electronic starter

CURRENT: 电流式启动

CURRENT: current starting relay

POTENTIAL: 电压式启动

POTENTIAL: potential starting relay



智能保鲜 高效低噪 以变制定 动力强劲

冰箱冷柜压缩机

用心来研发 技术来引领

商用系列 Commercial Series

系列 Series	型号 Model	马力 Horse Power	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (7.2/54.4/35℃)				CECOMAF (5/55/32℃)				运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"		
		制冷量 Cooling Capacity				COP	制冷量 Cooling Capacity			COP											
		W	Kcal/h			Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
		HP	cm³																	μF	μF
220-240V~50Hz R134a M/HBP																					
A	A5134CZ1	3/8	4.0	F	RSIR	400	344	1365	2.40	8.19	328	282	1119	2.14	7.29			CCC	PTC	Al	153
A	A5136CZ1	3/8	4.3	F	RSIR	430	370	1467	2.40	8.19	353	303	1203	2.14	7.29			CCC	PTC	Al	153
A	A5170C21A	3/4	8.0	F	RSCR	800	688	2730	2.40	8.19	656	564	2238	2.14	7.29	10			PTC	Al	165
S	S6160CZ1	1/4	7.2	F	RSIR	750	645	2559	2.30	7.85	615	529	2098	2.05	6.98			CCC/CE	PTC	Al	167
L	L6170CZ	1/4+	7.9	F	CSIR	850	731	2900	2.30	7.85	697	599	2378	2.05	6.98	50		CCC/VDE	CURRENT	Cu	177
NE	NE5170CZ	1/3	9.8	F	RSIR	930	800	3173	2.20	7.51	763	656	2602	1.96	6.68			CCC/CE	CURRENT	Cu	196
NE	NE6188CZ	3/8	12.0	F	CSIR	1100	946	3753	2.30	7.85	902	776	3078	2.05	6.98			CCC/CE	CURRENT	Cu	196
K	K6210CZ	3/8	11.4	F	CSIR	1200	1032	4094	2.40	8.19	984	846	3357	2.14	7.29	75		CCC/CE	CURRENT	Cu	198
220-240V~50Hz/60Hz R134a M/HBP																					
L	L6170DZ1	1/4	7.9	F	CSIR	850	731	2900	2.20	7.51	697	599	2378	1.96	6.68		50		CURRENT	Al	177
						950	817	3241	2.30	7.85	779	670	2658	2.05	6.98						
K	K6210DZ	3/8	11.4	F	CSIR	1200	1032	4094	2.00	6.82	984	846	3357	1.78	6.07		75	CCC	CURRENT	Cu	198
						1300	1118	4436	2.10	7.17	1066	917	3637	1.87	6.38						
100V~50Hz/60Hz R134a M/HBP																					
K	K6212AZ	3/8	11.4	F	CSR	1200	1032	4094	2.30	7.85	984	846	3357	2.05	6.98	15	150		CURRENT	Cu	198
						1300	1118	4436	2.30	7.85	1066	917	3637	2.05	6.98						
220-240V~60Hz R134a M/HBP																					
K	K6212FZ1	3/8	12.7	F	CSIR	1400	1024	4777	2.10	7.17	1148	987	3917	1.87	6.38		75	CB/KC	CURRENT	Al	198
115V~60Hz R134a M/HBP																					
NE	NE6170BZ	1/4	9.0	F	CSIR	980	843	3344	2.20	7.51	804	691	2742	1.96	6.68		150	UL	CURRENT	Cu	196
NE	NE6188BZ	3/8	12.0	F	CSIR	1280	1101	4367	2.20	7.51	1050	903	3581	1.96	6.68		100	UL	CURRENT	Cu	196
220-240V~50Hz R404A M/HBP																					
NE	NE6210CK	2/5	9.0	F	CSIR	1250	1075	4265	1.80	6.14	1025	882	3497	1.60	5.47		75	CCC/CE	CURRENT	Cu	200
NE	NE6213CK	3/5	12.0	F	CSIR	1750	1505	5971	1.80	6.14	1435	1234	4896	1.60	5.47		75	CCC/CE	CURRENT	Cu	200
NCT	NCT6228CK1	1-1/4	23.6	F	CSR	3320	2855	11328	2.00	6.82	2722	2341	9289	1.78	6.07	25	100	CCC	POTENTIAL	Al	278
NCT	NCT6240CK	1-3/4	34.4	F	CSR	4800	4128	16378	2.10	7.51	3936	3385	13430	1.96	6.68	25	100	CCC	POTENTIAL	Cu	278
220-240V~60Hz R404A M/HBP																					
NE	NE6213DK	1/2	9.3	F	CSIR	1600	1376	5459	1.90	6.48	1230	1060	4197	1.68	5.73		75	KC/CB	CURRENT	Cu	200
NE	NE6219DK	3/4	13.5	F	CSR	2200	1892	7506	1.90	6.48	1804	1551	6155	1.69	5.77	15	75	KC/CB	CURRENT	Cu	200
NCT	NCT6228DK	1	23.6	F	CSR	3900	3353	13307	2.00	6.82	2932	2521	10005	1.56	5.31	25	100		POTENTIAL	Cu	278

系列 Series	型号 Model	马力 Horse Power	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23.3/54.4/32.2℃)						CECOMAF (-25/55/32℃)						运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
						制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
						W	kcal/h	Btu/h	W/W	EER	W	kcal/h	Btu/h	W/W	EER	μF	μF						
						220-240V~50Hz R404A L/MBP																	
L	LG68CK	3/8	6.8	F	CSIR	350	301	1194	1.30	4.44	263	226	898	1.01	3.45		75	CCC	CURRENT	Cu	177		
NE	NE2150CK	1/2	12.0	F	CSR	600	516	2047	1.25	4.27	451	388	1539	0.97	3.32	6	75	CCC	CURRENT	Cu	200		
NE	NE2170CK	3/4	13.5	F	CSR	700	602	2388	1.25	4.27	526	453	1796	0.97	3.32	6	75	CCC/VDE	CURRENT	Cu	200		
NE	NE2178CK	1	16.7	F	CSR	850	731	2900	1.30	4.44	639	550	2181	1.01	3.45	15	75	CCC	CURRENT	Cu	200		
NE	NE2178CKA	1	16.7	F	CSR	880	757	3002	1.40	4.78	662	569	2258	1.09	3.72	15	100	CCC	CURRENT	Cu	205		
NE	NE2180CK	1	18	F	CSR	910	782	3104	1.30	4.44	684	588	2335	1.01	3.45	15	100	CCC	CURRENT	Cu	205		
NCT	NCT2176CK1	1	23.5	F	CSR	950	817	3241	1.15	3.92	714	614	2437	0.89	3.05	25	100	CCC	POTENTIAL	Al	278		
NV	NV2192CK	1	21.2	F	CSR	930	800	3173	1.25	4.27	699	601	2386	0.97	3.32	25	100	CCC/TUV	POTENTIAL	Cu	239		
NV	NV2192CK1	1	21.2	F	CSR	930	800	3173	1.25	4.27	699	601	2386	0.97	3.32	15	100		POTENTIAL	Al	239		
NV	NV2195CK	1-1/2	27.8	F	CSR	1100	946	3753	1.30	4.44	827	711	2822	1.01	3.45	25	100		POTENTIAL	Cu	239		
NCT	NCT2195CK	1-1/2	31.2	F	CSR	1100	946	3753	1.15	3.92	827	711	2822	0.89	3.05	25	100	CCC	POTENTIAL	Cu	264		
NCT	NCT2121CK	1-3/4	34.6	F	CSR	1400	1204	4776	1.20	4.09	1053	905	3592	0.93	3.19	25	100	CCC	POTENTIAL	Cu	278		
220-240V~60Hz R404A L/MBP																							
NE	NE2134DK	1/2	12.0	F	CSR	670	576	2286	1.30	4.44	504	433	1719	1.01	3.45	6	75		CURRENT	Cu	200		
NE	NE2170DK	3/4	13.5	F	CSR	750	645	2559	1.20	4.09	564	485	1924	0.93	3.19	15	75	KC/CB	CURRENT	Cu	200		
NV	NV2192FK	1-1/8	21.2	F	CSR	1050	903	3583	1.25	4.27	789	679	2694	0.97	3.32	15	100	CCC	CURRENT	Cu	239		
100V~50Hz/60Hz R404A L/MBP																							
NCT	NCT2195AK	1-1/2	31.2	F	CSR	1150	989	3924	1.10	3.75	865	743	2950	0.86	2.92	35	250		POTENTIAL	Cu	278		
						1300	1118	4436	1.10	3.75	977	840	3335	0.86	2.92								

测试工况 TEST CONDITION

测试工况 Test Condition		低背压 LBP			中/高背压 MBP	
		ASHRAE	AHAM	CECOMAF	ASHRAE	
蒸发温度	Evap. Temp. °C	-23.3	-23.3	-25.0	+7.2	
环境温度	Amb. Temp. °C	+32.2	+32.2	+32.0	+35.0	
冷凝温度	Cond. Temp. °C	+54.4	+40.5	+55.0	+54.4	
吸气温度	Suction Temp. °C	+32.2	+32.2	+32.0	+35.0	
过冷温度	Subcooling Temp. °C	+32.2	+32.2	+55.0	+46.1	

单位换算 CONVERSION TABLE

1 kcal/h=1.163W
1 kcal/h=3.968 Btu/h
1 W=0.8598 kcal/h
1 W=3.412 Btu/h
1 Btu/h=0.252 kcal/h
Capacity (at50Hz) × 1.16=Capacity (at60Hz)
EER=COP × 3.412

注: *表示开发中产品

EPTC: 零功耗启动

CURRENT: 电流式启动

POTENTIAL: 电压式启动

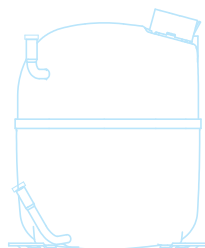
NOTE: * Developing

EPTC: zero power electronic starter

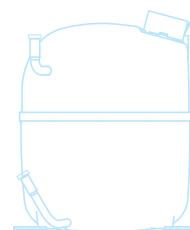
CURRENT: current starting relay

POTENTIAL: potential starting relay

DONPER GROUP



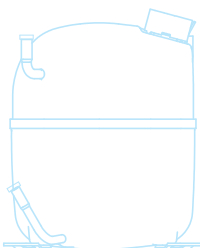
DONPER GROUP



系列 Series	型号 Model	马力 Horse Power	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23, 3/54, 4/32, 2°C)					CECOMAF (-25/55/32°C)					运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"				
						制冷量			COP		制冷量			COP											
						Cooling Capacity					COP		Cooling Capacity									COP			
						W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER							μF	μF		
220-240V~50Hz R290 M/HBP																									
A	A140CU1	1/4-	3.6	ST	RSIR	140	120	478	1.25	4.27	105	91	359	0.97	3.32			CCC/TUV	PTC	Al	153				
A	A170CU1	1/4-	4.3	ST	RSIR	170	146	580	1.25	4.27	128	110	436	0.97	3.32			CCC/CB	PTC	Al	151				
A	A200CU1A	1/4-	4.8	ST	RSIR	200	172	682	1.30	4.44	150	129	513	1.01	3.45			CCC/CB	PTC	Al	157				
S	SK43CU1	1/4-	4.3	ST	RSCR	190	163	648	1.50	5.12	143	123	487	1.17	3.98	5		CCC	PTC	Al	168				
A	A220CU1A	1/4+	5.0	ST	RSIR	220	189	751	1.30	4.44	165	142	564	1.01	3.45			CCC/CB	PTC	Al	157				
S	SU50CU1	1/4+	5.0	F	RSCR	220	189	751	1.55	5.29	165	142	564	1.21	4.12	5		CCC/VDE	PTC	Al	171				
S	SZ50CU1	1/4+	5.0	F	RSCR	220	189	751	1.70	5.80	165	142	564	1.32	4.51	5		CCC/VDE	PTC	Al	176				
S	S53CU1	1/3-	5.3	F	RSIR	240	206	819	1.30	4.44	180	155	616	1.01	3.45			CCC	PTC	Al	162				
L	L45CU1	1/3-	4.5	F	RSIR	255	219	870	1.30	4.44	192	165	654	1.01	3.45			CCC/VDE	PTC	Al	175				
L	LK45CU1	1/3-	4.5	F	RSCR	255	219	870	1.50	5.12	192	165	654	1.17	3.98	5		CCC/VDE	PTC	Al	175				
S	S58CU1	1/3+	5.8	F	RSIR	275	236	938	1.30	4.44	207	178	705	1.01	3.45			CCC/CB	PTC	Al	162				
S	SZ58CU1	1/3+	5.8	F	RSCR	275	236	938	1.65	5.63	207	178	705	1.28	4.38	5		CCC	PTC	Al	168				
L	LJ58CU1	1/3+	5.8	F	ESCR	275	236	938	1.80	6.14	207	178	705	1.40	4.78	5		CCC	EPTC	Cu	175				
L	LJ58CU1	1/3+	5.8	F	ESCR	275	236	938	1.80	6.14	207	178	705	1.40	4.78	6			EPTC	Al	184				
S	S68CU1	3/8+	6.8	F	RSIR	325	279	1109	1.30	4.44	244	210	834	1.01	3.45			CCC/CB	PTC	Al	166				
S	SK68CU1	3/8+	6.8	F	RSCR	325	279	1109	1.50	5.12	244	210	834	1.17	3.98	5		CCC	PTC	Al	166				
L	LU68CU1	3/8+	6.8	F	RSCR	325	279	1109	1.60	5.46	244	210	834	1.25	4.25	5			PTC	Al	171				
S	SZ68CU1	3/8+	6.8	F	RSCR	325	279	1109	1.70	5.80	244	210	834	1.32	4.51	5		CCC	PTC	Al	168				
L	LJ68CU1	3/8+	6.8	F	ESCR	325	279	1109	1.80	6.14	244	210	834	1.40	4.78	5		CCC	EPTC	Cu	177				
L	LJ68CU1	3/8+	6.8	F	ESCR	325	279	1109	1.80	6.14	244	210	834	1.40	4.78	6			EPTC	Al	184				
L	LR68CU1	3/8+	6.8	F	ESCR	325	279	1109	1.85	6.31	244	210	834	1.44	4.91	5			EPTC	Cu	177				
L	SK72CU1	1/2	7.2	F	RSCR	350	301	1194	1.50	5.12	263	226	898	1.17	3.98	5			PTC	Al	166				
S	S76CU1	1/2	7.6	F	RSIR	375	322	1280	1.30	4.44	282	242	962	1.01	3.45			CCC/CB/TUV	PTC	Al	168				
L	LK76CU1	1/2	7.6	F	RSCR	375	322	1280	1.50	5.12	282	242	962	1.17	3.98	5		CCC/VDE/CE	PTC	Al	175				
L	LU76CU1	1/2	7.6	F	RSCR	375	322	1280	1.60	5.46	282	242	962	1.25	4.25	5			PTC	Al	177				
L	LZ76CU1	1/2	7.6	F	RSCR	375	322	1280	1.70	5.80	282	242	962	1.32	4.51	5		CCC/VDE	PTC	Cu	175				
L	LZ76CU1	1/2	7.6	F	RSCR	375	322	1280	1.70	5.80	282	242	962	1.32	4.51	5		CCC	PTC	Al	175				
L	L83CU1	1/2+	8.3	F	CSIR	400	344	1365	1.40	4.78	301	259	1026	1.09	3.72	50		CCC/TUV/CE	CURRENT	Al	179				
L	LK83CU1	1/2+	8.3	F	RSCR	400	344	1365	1.50	5.12	301	259	1026	1.17	3.98	5		CCC/VDE	PTC	Cu	177				
S	SK83CU1	1/2+	8.3	F	CSR	400	344	1365	1.50	5.12	301	259	1026	1.17	3.98	6	50		CURRENT	Al	166				
L	LU83CU1	1/2+	8.3	F	CSR	400	344	1365	1.60	5.46	301	259	1026	1.25	4.25	6	50	CCC	CURRENT	Cu	179				
L	LU83CU1	1/2+	8.3	F	CSR	400	344	1365	1.60	5.46	301	259	1026	1.25	4.25	6	50	CCC	CURRENT	Al	179				
L	LJ83CU1	1/2+	8.3	F	CSR	400	344	1365	1.80	6.14	301	259	1026	1.40	4.78	6	50	CCC	CURRENT	Al	184				
L	L96CU1	3/4-	9.5	F	CSR	450	387	1535	1.50	5.12	338	291	1154	1.17	3.98	6	50	CCC/CB/TUV	CURRENT	Al	179				
S	SK96CU1	3/4-	9.5	F	CSIR	450	387	1535	1.50	5.12	338	291	1154	1.17	3.98	50			CURRENT	Al	168				
L	LU100CU	3/4	9.5	F	CSR	460	396	1570	1.60	5.46	346	297	1180	1.25	4.25	6	50	CCC	CURRENT	Cu	179				
L	LZ100CU	3/4	9.5	F	CSR	460	396	1570	1.65	5.63	346	297	1180	1.28	4.38	6	50		CURRENT	Cu	179				
K	K480CU1	3/4-	10.9	F	CSIR	480	413	1638	1.30	4.44	361	310	1231	1.01	3.45	50		CCC/VDE/CB	CURRENT	Al	189				
K	K480CU	3/4-	10.9	F	CSIR	480	413	1638	1.30	4.44	361	310	1231	1.01	3.45	50		CCC/VDE	CURRENT	Cu	189				
K	KK480CU	3/4-	10.9	F	CSR	480	413	1638	1.50	5.12	361	310	1231	1.17	3.98	6	50	CCC/VDE/CB	CURRENT	Cu	198				
K	KK480CU1	3/4-	10.9	F	CSR	480	413	1638	1.50	5.12	361	310	1231	1.17	3.98	6	50	CCC	CURRENT	Al	198				
K	KZ480CU1S*	3/4-	10.3	F	CSR	480	413	1638	1.70	5.80	361	310	1231	1.32	4.51	15	75		CURRENT	Al	198				
K	KK550CU	3/4	12.7	F	CSR	550	473	1877	1.50	5.12	414	356	1411	1.17	3.98	6	50	CCC/VDE	CURRENT	Cu	198				
K	KZ550CU1S*	3/4	11.6	F	CSR	550	473	1877	1.70	5.80	414	356	1411	1.32	4.51	15	75		CURRENT	Al	198				
L	LK126CU1	3/4	12.6	F	CSR	550	473	1877	1.50	5.12	414	356	1411	1.17	3.98	6	50	CCC	CURRENT	Al	187				
K	KK550CU1	3/4	13.4	F	CSR	580	499	1979	1.50	5.12	436	375	1488	1.17	3.98	6	50	CCC	CURRENT	Al	205				
NE	NE2150CU	3/5	13.5	F	CSIR	580	499	1979	1.30	4.44	436	375	1488	1.01	3.45	75		CCC	CURRENT	Cu	199				

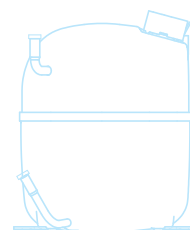
系列 Series	型号 Model	马力 Horse Power	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (-23.3/54.4/32.2℃)						CECOMAF (-25/55/32℃)						运行电容 Run capacitor	启动电容 Start capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 Height "A"
						制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
						W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER	μF	μF						
220-240V~50Hz R290 M/HBP																							
K	KK650CU	1/2	14.3	F	CSR	650	559	2218	1.50	5.12	489	420	1668	1668	3.98	6	50	CCC/VDE/CE	CURRENT	Cu	198		
K	KK650CU1	1/2	13.3	F	CSR	650	559	2218	1.50	5.12	489	420	1668	1668	3.98	6	50	CCC/TUV	CURRENT	Al	208		
K	KK2650CU1	1/2	13.3	F	CSR	650	559	2218	1.70	5.80	489	420	1668	1668	4.51	6	50	CCC	CURRENT	Cu	198		
K	KK800CUS	1	17.4	F	CSR	800	688	2730	1.50	5.12	602	517	2052	2052	3.98	6	50		CURRENT	Cu	205		
K	KK800CU1S	1	17.4	F	CSR	800	688	2730	1.50	5.12	602	517	2052	2052	3.98	6	50		CURRENT	Al	205		
NE	NE2168CU	3/4	16.7	F	CSR	750	645	2559	1.30	4.44	564	485	1924	1924	3.45	6	75	CCC/VDE	CURRENT	Cu	200		
NE	NE2168CU1	3/4	16.7	F	CSR	750	645	2559	1.30	4.44	564	485	1924	1924	3.45	6	75		CURRENT	Al	200		
NE	NE2168CUA	3/4	16.7	F	CSR	780	671	2661	1.45	4.95	586	504	2001	2001	3.85	15	100	CCC	CURRENT	Cu	205		
NE	NE2178CU	1	18.0	F	CSR	810	696	2764	1.30	4.44	609	524	2078	2078	3.45	15	100	CCC	CURRENT	Cu	205		
NV	NV2180CU	1-1/4	25.1	F	CSR	900	774	3071	1.30	4.44	677	582	2309	2309	3.45	15	75	CCC/TUV/CE	CURRENT	Cu	239		
NV	NV2180CUA	1-1/4	25.1	F	CSR	900	774	3071	1.40	4.78	677	582	2309	2309	3.72	15	75	CCC	CURRENT	Cu	224		
NV	NV2195CU	1-1/3	27.8	F	CSR	1020	877	3480	1.30	4.44	767	659	2617	2617	3.45	25	100	CCC/TUV/CE	CURRENT	Cu	239		
160-260V~50Hz R290 L/MBP																							
S	SU50WU1	1/4+	5.0	F	RSCR	200	172	682	1.60	5.46	150	129	513	1.25	4.25	5		CB	PTC	Al	171		
L	L58WU1	1/3+	5.8	F	RSCR	275	236	938	1.50	5.12	207	178	705	1.17	3.98	5		CB	PTC	Al	175		
L	LSU8WU1	1/3+	5.8	F	RSCR	275	236	938	1.60	5.46	207	178	705	1.25	4.25	5			PTC	Al	175		
L	LZ58WU1	1/3+	5.8	F	RSCR	275	236	938	1.70	5.80	207	178	705	1.32	4.51	5			PTC	Al	179		
L	L68WU1	3/8+	6.8	F	RSCR	325	279	1109	1.50	5.12	244	210	834	1.17	3.98	5		CB	PTC	Al	175		
L	LZ68WU1	3/8+	6.8	F	RSCR	325	279	1109	1.70	5.80	244	210	834	1.32	4.51	6			PTC	Al	175		
L	L76WU1	1/2	7.6	F	RSCR	375	322	1280	1.50	5.12	282	242	962	1.17	3.98	5		CB	PTC	Al	175		
L	LZ76WU1	1/2	7.6	F	RSCR	375	322	1280	1.70	5.80	282	242	962	1.32	4.51	5			PTC	Al	179		
K	K480WU1	3/4-	10.9	F	CSIR	480	413	1638	1.30	4.44	361	310	1231	1.01	3.45		75	CB	CURRENT	Al	201		
K	KK480WU1	3/4-	10.9	F	CSR	480	413	1638	1.50	5.12	361	310	1231	1.17	3.98	6	75	CCC	CURRENT	Al	201		
K	KK550WU1S	3/4	11.6	F	CSR	550	473	1877	1.50	5.12	414	356	1411	1.17	3.98	10	75	CCC/CB	CURRENT	Al	205		
K	KK650WU1S	1/2	13.3	F	CSR	650	559	2218	1.50	5.12	489	420	1668	1.17	3.98	15	75	CCC/CB	CURRENT	Al	205		
115-127V~60Hz R290 L/MBP																							
S	S43XU1	1/4+	4.3	F	RSIR	200	172	682	1.30	4.44	150	129	513	1.01	3.45				PTC	Al	166		
L	LZ43XU	1/4+	4.3	F	CSR	200	172	682	1.70	5.80	150	129	513	1.32	4.51	15	75	UL	CURRENT	Cu	175		
L	LZ43XU1	1/4+	4.3	F	CSR	200	172	682	1.70	5.80	150	129	513	1.32	4.51	15	75	UL	CURRENT	Al	175		
S	SZ43XU1*	1/4+	4.3	F	CSR	200	172	682	1.70	5.80	150	129	513	1.32	4.51				CURRENT	Al	166		
S	S50XU1	1/3-	5.0	F	RSIR	260	224	887	1.30	4.44	195	168	667	1.01	3.45			UL	PTC	Al	166		
L	LZ45XU	1/3+	4.5	F	CSR	265	228	904	1.70	5.80	199	171	680	1.32	4.51	15	75	UL	CURRENT	Cu	175		
L	LZ45XU1	1/3+	4.5	F	CSR	265	228	904	1.70	5.80	199	171	680	1.32	4.51	15	75	UL	CURRENT	Al	175		
L	L58XU1	3/8+	5.8	F	RSIR	320	275	1092	1.30	4.44	241	207	821	1.01	3.45				CURRENT	Al	168		
S	S58XU1*	3/8+	5.8	F	RSIR	320	275	1092	1.50	5.12	241	207	821	1.17	3.98				PTC	Al	166		
L	LZ48XU1	3/8+	5.8	F	CSR	320	275	1092	1.70	5.80	241	207	821	1.32	4.51	12	75	UL	CURRENT	Cu	175		
L	LZ58XU1	3/8+	5.8	F	CSR	320	275	1092	1.70	5.80	241	207	821	1.32	4.51	12	75	UL	CURRENT	Al	175		
L	LZ72XU	1/2	7.2	F	CSR	400	344	1365	1.70	5.80	301	259	1026	1.32	4.51	15	75	UL	CURRENT	Cu	175		
L	LZ72XU1*	1/2	7.2	F	CSR	400	344	1365	1.70	5.80	301	259	1026	1.32	4.51	15	75	UL	CURRENT	Al	175		
L	LM72XU	1/2	7.2	F	CSR	400	344	1365	1.75	5.97	301	259	1026	1.36	4.65	15	75		CURRENT	Cu	179		
L	LZ83XU	1/2+	8.3	F	CSR	480	413	1638	1.70	5.80	361	310	1231	1.32	4.51	15	75		CURRENT	Cu	179		
L	LZ83XU1*	1/2+	8.3	F	RSCR	480	413	1638	1.68	5.73	361	310	1231	1.31	4.46	15			PTC	Al	184		
K	KK480XU	3/4-	9.6	F	CSR	500	430	1706	1.50	5.12	376	323	1283	1.17	3.98	15	150		CURRENT	Cu	189		
K	KK550XU	3/4	10.9	F	CSR	580	499	1979	1.50	5.12	436	375	1488	1.17	3.98	15	150		CURRENT	Cu	198		
K	KK650XU	3/4	12.7	F	CSR	650	559	2218	1.45	4.95	489	420	1668	1.13	3.85	15	150	UL	CURRENT	Cu	198		
NV	NV2192XU*	1	21.2	F	CSR	880	757	3003	1.30	4.44	662	569	2258	1.01	3.45	25	100		CURRENT	Cu	239		

系列 Series	型号 Model	马力	气缸容积	冷却方式	电机类型	ASHRAE (-23.3/54.4/32.2℃)						CECOMAF (-25/55/32℃)						运行电容 Run Capacitor	启动电容 Start Capacitor	认证	启动方式	电机	壳体高度 Height "A"
		HP	cm³			制冷量			COP			制冷量			COP								
						W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
																μF	μF						
100V~50Hz/60Hz R600a LBP																							
S	S50AU1	1/4+	5.0	F	RSCR	213	183	727	1.15	3.92	160	138	546	0.89	3.05	12				PTC	Al	168	
						260	224	887	1.30	4.44	195	168	667	1.01	3.45								
K	KK550AU	3/4	10.9	F	CSR	480	413	1638	1.40	4.78	361	310	1231	1.09	3.72	15	150			CURRENT	Cu	198	
						550	473	1877	1.50	5.12	414	356	1411	1.17	3.98								
220-240V~50Hz/60Hz R290 L/MBP																							
S	SK43DU1	1/4+	4.3	F	RSCR	170	146	580	1.40	4.78	128	110	436	1.09	3.72	4			CB/KC	PTC	Al	171	
						200	172	682	1.55	5.29	150	129	513	1.21	4.12								
S	SU50DU1	1/4+	5.0	F	RSCR	200	172	682	1.40	4.78	150	129	513	1.09	3.72	5			CCC/CB	PTC	Al	168	
						240	206	819	1.60	5.46	180	155	616	1.25	4.25								
L	LK58DU1	3/8+	5.8	F	RSCR	275	236	938	1.50	5.12	207	178	705	1.17	3.98	5			CCC/CB/CE	PTC	Al	175	
						325	279	1109	1.50	5.12	244	210	834	1.17	3.98								
L	LZ58DU1	3/8+	5.8	F	RSCR	275	236	938	1.70	5.80	207	178	705	1.32	4.51	5				PTC	Al	175	
						325	279	1109	1.70	5.80	244	210	834	1.32	4.51								
S	SK68DU1	1/2+	6.8	F	RSCR	325	279	1109	1.50	5.12	244	210	834	1.17	3.98	5				PTC	Al	168	
						380	327	1297	1.50	5.12	286	246	975	1.17	3.98								
L	LZ68DU1	1/2+	6.8	F	RSCR	325	279	1109	1.70	5.80	244	210	834	1.32	4.51	5				PTC	Al	175	
						380	327	1297	1.70	5.80	286	246	975	1.32	4.51								
L	LZ72DU1	1/2+	7.2	F	RSCR	340	292	1160	1.70	5.80	256	220	872	1.32	4.51	5				PTC	Al	175	
						420	361	1433	1.70	5.80	316	272	1077	1.32	4.51								
L	LK76DU1	3/5	7.6	F	RSCR	380	327	1297	1.50	5.12	286	246	975	1.17	3.98	5			CCC/CB	PTC	Al	175	
						430	370	1467	1.50	5.12	323	278	1103	1.17	3.98								
K	K480DU	1/2+	9.6	F	CSIR	400	344	1365	1.30	4.44	301	259	1026	1.01	3.45		50		TUV	CURRENT	Cu	189	
						500	430	1706	1.40	4.78	376	323	1283	1.09	3.72								
K	KK550DU	3/4	10.9	F	CSR	500	430	1706	1.50	5.12	376	323	1283	1.17	3.98	6	50	CB/KC	CURRENT	Cu	198		
						580	499	1979	1.50	5.12	436	375	1488	1.17	3.98								
K	KK650DU1S	3/4	11.6	F	CSR	550	473	1877	1.50	5.12	414	356	1411	1.17	3.98	10	75			CURRENT	Cu	198	
						650	559	2218	1.50	5.12	489	420	1668	1.17	3.98								
NE	NE2168DU	3/4-	16.7	F	CSR	750	645	2559	1.30	4.44	564	485	1924	1.01	3.45	6	75	CCC/TUV/KC/VDE	CURRENT	Cu	200		
						850	731	2900	1.30	4.44	639	550	2181	1.01	3.45								



DONPER GROUP

系列 Series	型号 Model	马力 Horse Power	气缸容积 Displacement	冷却方式 Cooling Type	电机类型 Motor Type	ASHRAE (7.2/54.4/35℃)						CECOMAF (5/55/32℃)						运行电容 Run Capacitor	启动电容 Start Capacitor	认证 Certification	启动方式 Starter	电机 motor	壳体高度 "A"
		HP	cm³			制冷量 Cooling Capacity			COP			制冷量 Cooling Capacity			COP								
						W	Kcal/h	Btu/h	W/W	EER	W	Kcal/h	Btu/h	W/W	EER								
220-240V~50Hz R290 M/HBP																							
A	A5134CU1	1/2	3.2	F	RSIR	400	344	1365	2.60	8.87	301	259	1026	2.02	6.90			CCC/TUV/CE	PTC	Al	153		
A	A5136CU1	1/2+	3.3	F	RSIR	430	370	1467	2.60	8.87	323	278	1103	2.02	6.90				PTC	Al	153		
A	A5140CU1	1/2+	3.5	F	RSIR	460	396	1570	2.60	8.87	346	297	1180	2.02	6.90				PTC	Al	153		
A	A5170CU1A	4/5+	5.9	F	RSCR	800	688	2730	2.60	8.87	602	517	2052	2.02	6.90	10			PTC	Al	165		
S	S6160CU1	4/5+	5.3	F	RSIR	700	602	2388	2.40	8.19	526	453	1796	1.87	6.37			CCC/CE	PTC	Al	171		
L	L6170CU	4/5+	5.8	F	CSIR	790	679	2695	2.50	8.53	594	511	2027	1.95	6.64		50	CCC/CB	CURRENT	Cu	177		
L	L6180CU	3/4-	6.8	F	CSIR	920	791	3139	2.50	8.53	692	595	2360	1.95	6.64		50	CCC/CE	CURRENT	Cu	179		
L	L6186CU	3/4	7.6	F	CSIR	1000	860	3412	2.50	8.53	752	647	2565	1.95	6.64		50	CCC	CURRENT	Cu	179		
L	L6196CU	1/3+	8.3	F	CSR	1100	946	3753	2.50	8.53	827	711	2822	1.95	6.64	6	50	CCC/CE	CURRENT	Cu	179		
L	L6196CU1	1/3+	8.3	F	CSR	1100	946	3753	2.30	7.85	827	711	2822	1.79	6.11	6	50		CURRENT	Al	179		
K	K6196CU	1/3+	8.3	F	CSIR	1100	946	3753	2.50	8.53	827	711	2822	1.95	6.64		50	CCC	CURRENT	Cu	198		
L	L6212CU	2/5+	9.5	F	CSR	1300	1118	4436	2.30	7.85	977	840	3335	1.79	6.11	6	50	CCC/CE	CURRENT	Cu	179		
L	L6212CU1	2/5+	9.5	F	CSR	1300	1118	4436	2.30	7.85	977	840	3335	1.79	6.11	6	50		CURRENT	Al	179		
K	K6212CU	2/5+	9.5	F	CSR	1300	1118	4436	2.50	8.53	977	840	3335	1.95	6.64	6	75	CCC	CURRENT	Cu	198		
NE	NE6214CU	1/2+	12.0	F	CSR	1600	1376	5459	2.50	8.53	1203	1034	4105	1.95	6.64	15	75	CCC/CE	CURRENT	Cu	200		
NE	NE6217CU	3/5+	14.2	F	CSR	1900	1634	6483	2.30	7.85	1429	1228	4874	1.79	6.11	15	75	CCC/CE	CURRENT	Cu	200		
NE	NE6217CU1	3/5+	14.2	F	CSR	1900	1634	6483	2.30	7.85	1429	1228	4874	1.79	6.11	15	75		CURRENT	Al	200		
NE	NE6220CU*	1	16.7	F	CSR	2200	1892	7506	2.30	7.85	1654	1422	5644	1.79	6.11	15	75		CURRENT	Cu	200		
NV	NV6222CU*	1	21.2	F	CSR	2500	2150	8530	2.30	7.85	1880	1616	6414	1.79	6.11	25	100		CURRENT	Cu	239		
115-127V~60Hz R290 M/HBP																							
L	L6162XU1*	4/5+	4.5	F	CSIR	740	636	2525	2.6	8.87	556	478	1898	2.02	6.90		100		CURRENT	Al	179		



DONPER GROUP

黄石东贝深冷压缩机技术参数

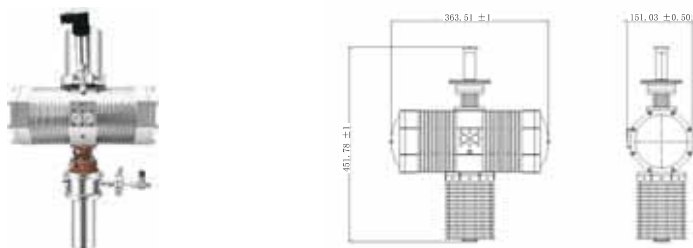
Technical Parameters of Huangshi Donper Deep-cooling Compressor

型号	气缸容积 (cm ³)	应用工况	电源	工质	适用箱体温度 (°C)
VFL090	9.0	ULBP	230V $\pm$ 40-150Hz	C-H混合	-40°C
VFL110	11.0	ULBP	230V $\pm$ 40-150Hz	C-H混合	-40°C
VKZ130	13.0	ULBP	230V $\pm$ 67-140Hz	C-H混合	-60°C
L96	9.6	ULBP	220-240V/50Hz	C-H混合	-60°C
K123	11.6	ULBP	115V/60Hz	C-H混合	-60°C
K143	14.3	ULBP	220-240V/50Hz	C-H混合	-86°C
NE180	18.0	ULBP	220-240V/50Hz	C-H混合	-86°C
NV210	21.2	ULBP	220-240V/50Hz	C-H混合	-86°C
NV220	22.0	ULBP	220-240V/50Hz	C-H混合	-86°C
NV252	25.2	ULBP	220-240V/50Hz	C-H混合	-86°C
NV278	27.8	ULBP	220-240V/50Hz	C-H混合	-86°C

黄石东贝超低温压缩机技术参数

Technical Parameters of Huangshi Donper Ultra-low Temperature Compressor

外型尺寸: Overall dimension:



规格参数: Specification parameter:

环境温度适应范围/Ambient temperature range	-20°C~+50°C
输入功率/Input power	350W
制冷量/Cooling capacity	10W@80K
降温时间/Cooling time	≤20 min
电源/Power supply	220V AC
散热方式/Heat dissipation method	风冷/Air cooled
最低制冷温度/Lowest cooling temperature	45K
机身振动振幅/Vibration amplitude	<0.05mm

应用领域: 量子技术、超导、红外探测、液氮温区作业等领域;

Application fields: quantum technology, superconductivity, infrared detection, liquid nitrogen temperature zone operation and others.

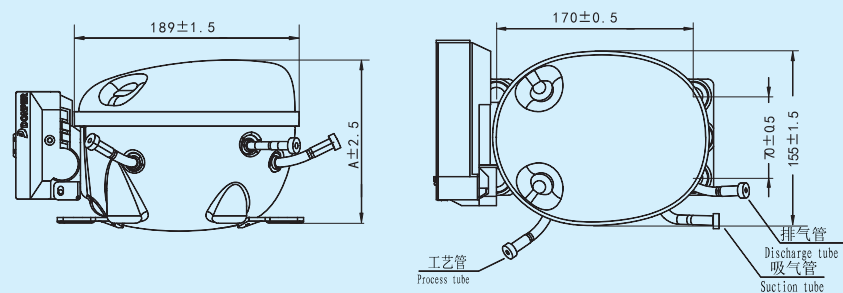


为全球制冷设备厂商提供一流的制冷解决方案

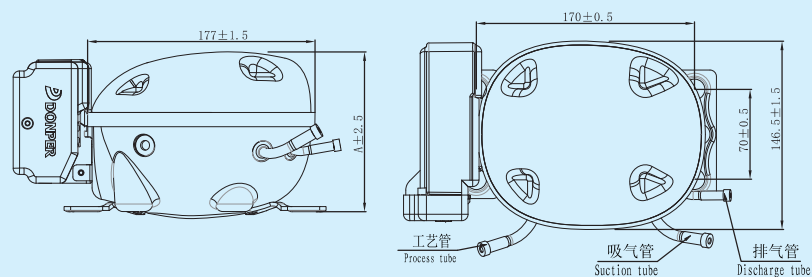
To provide first-class refrigeration solutions for global refrigeration equipment manufacturers

压缩机外型尺寸图 Compressor Dimensions

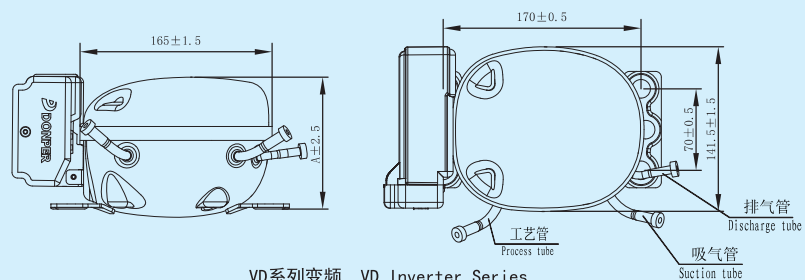
变频系列 VSC Series



VFL/VFW系列变频 VFL/VFW Inverter Series
工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

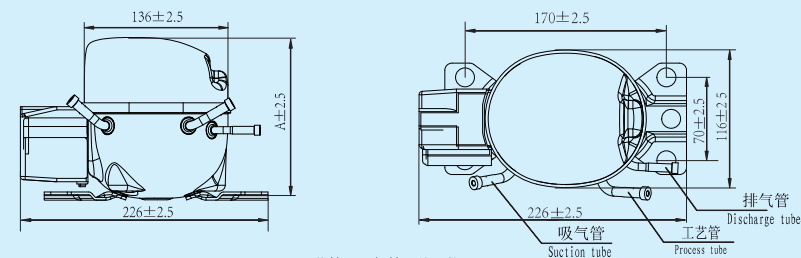


VFA系列变频 VFA Inverter Series
工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.



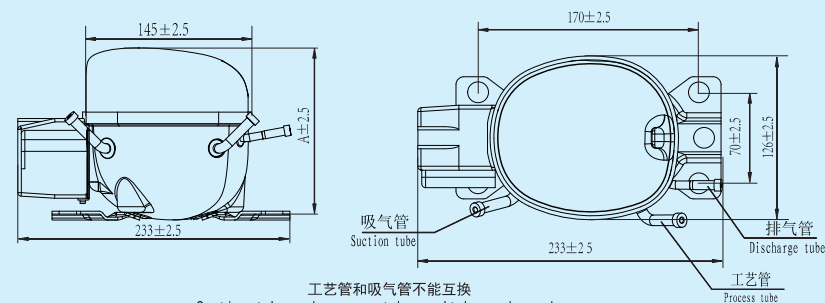
VD系列变频 VD Inverter Series
工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

C系列 C Series



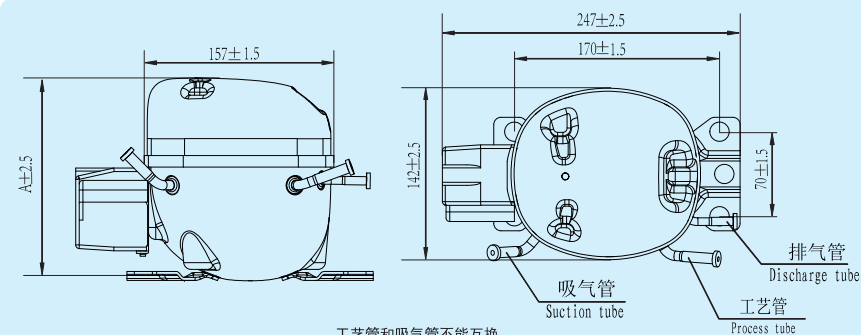
工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

D系列 D Series



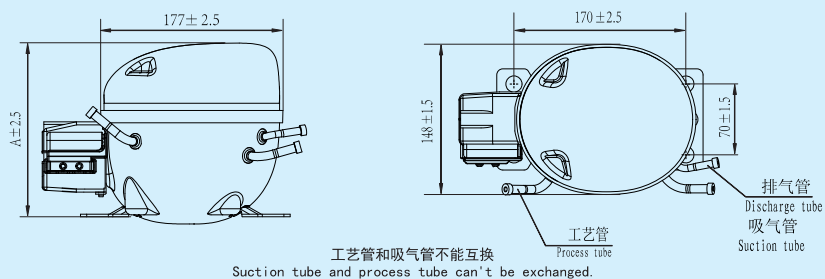
工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

A系列 A Series

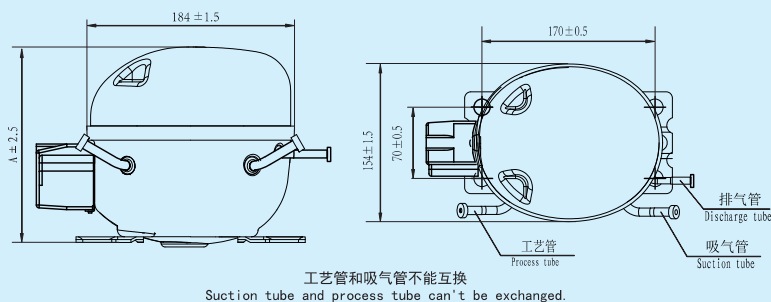


工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

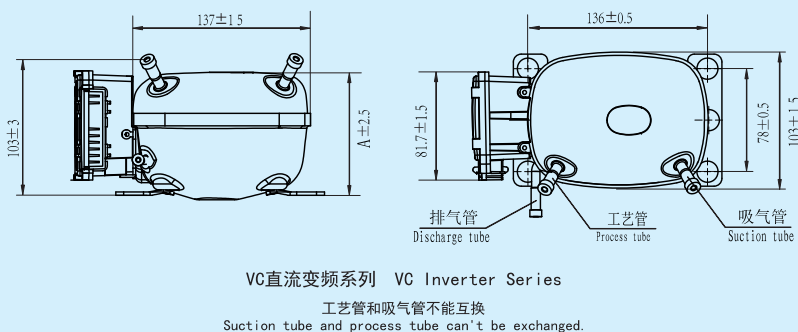
S系列 S Series



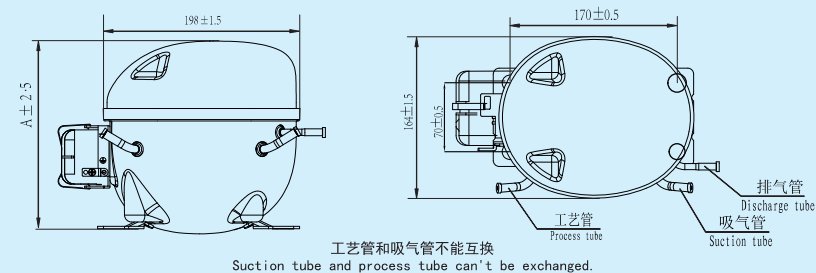
L系列 L Series



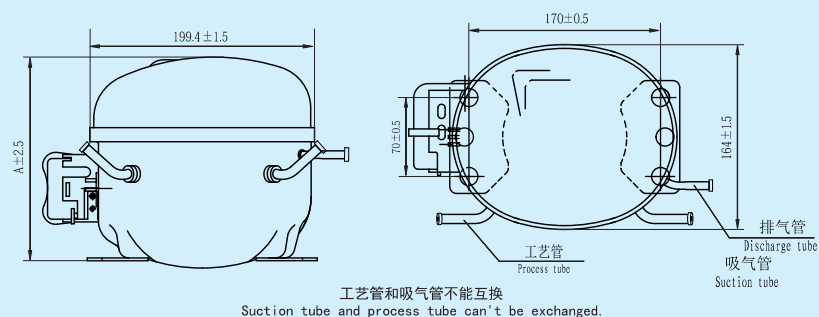
VC系列 VC Series



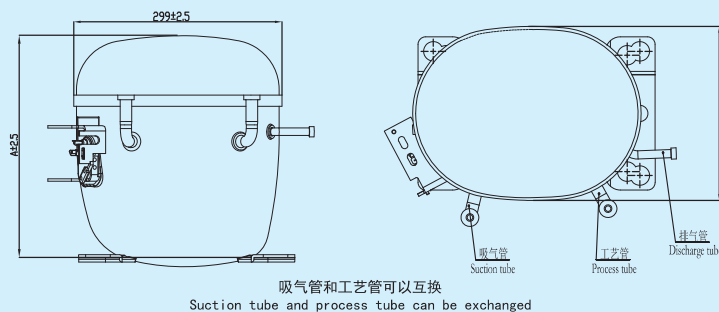
K系列 K Series



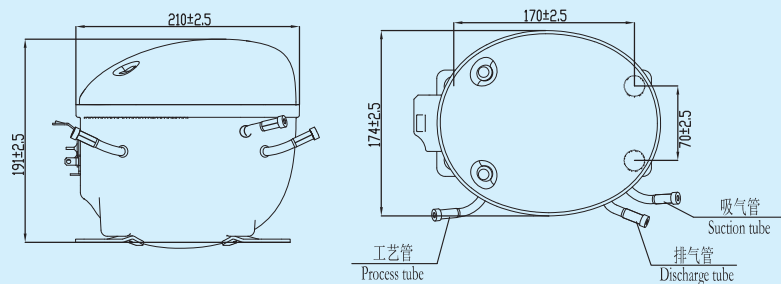
NE系列 NE Series



NV系列 NV Series

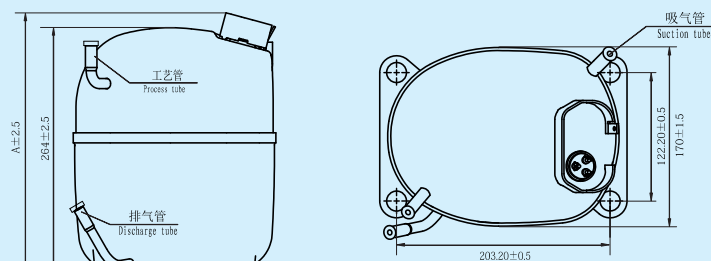


VK系列 VK Series



吸气管和工艺管不可以互换
Suction tube and process tube can not be exchanged

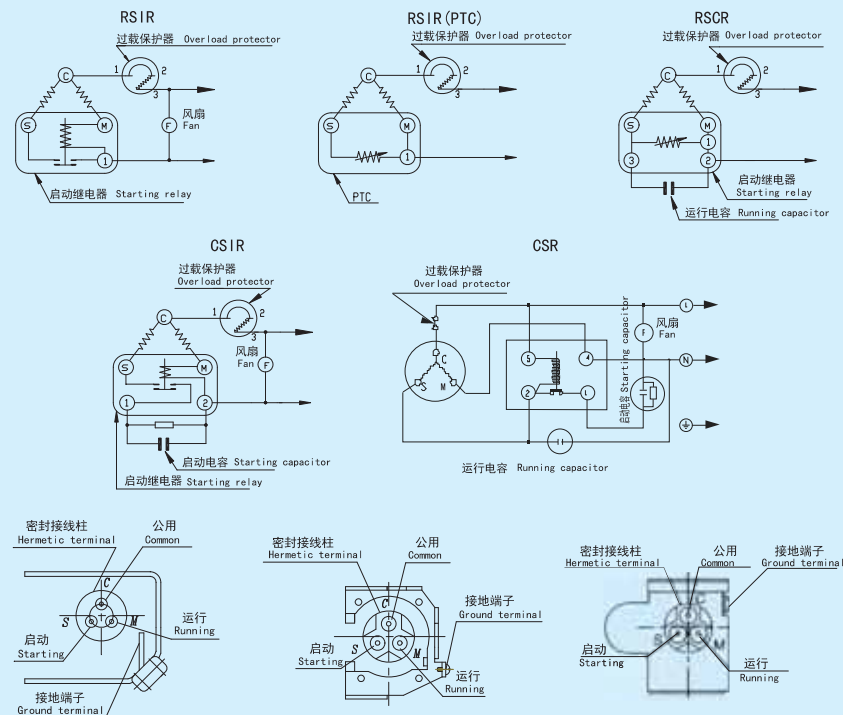
NCT系列 NCT Series



工艺管和吸气管不能互换
Suction tube and process tube can't be exchanged.

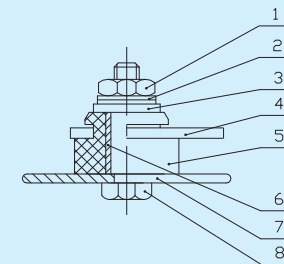
使用指南 USER'S GUIDE

一、产品电气接线图 Electrical Wiring Diagram



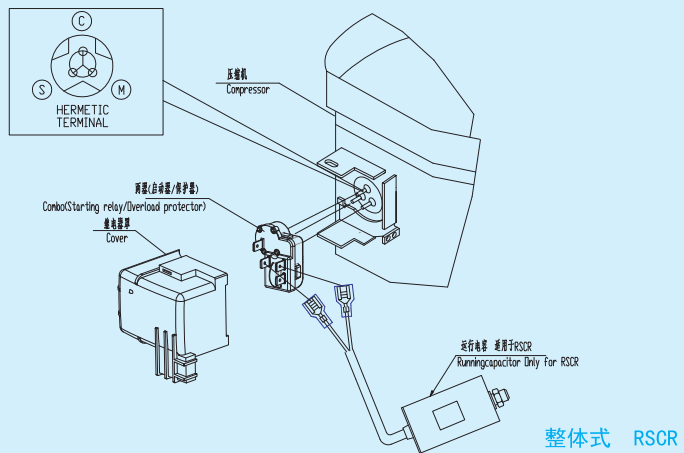
二、压缩机机脚与底板的安装 Fixing of mounting bracket and cabinet base

1. 地脚螺母 Hexagon nut
2. 弹簧垫圈 Spring washer
3. 平垫圈 Flat washer
4. 压缩机机脚 Compressor mounting bracket
5. 橡胶减振圈 Rubber grommet
6. 衬套 Sleeve
7. 安装底板 Cabinet base
8. 地脚螺栓 Screw

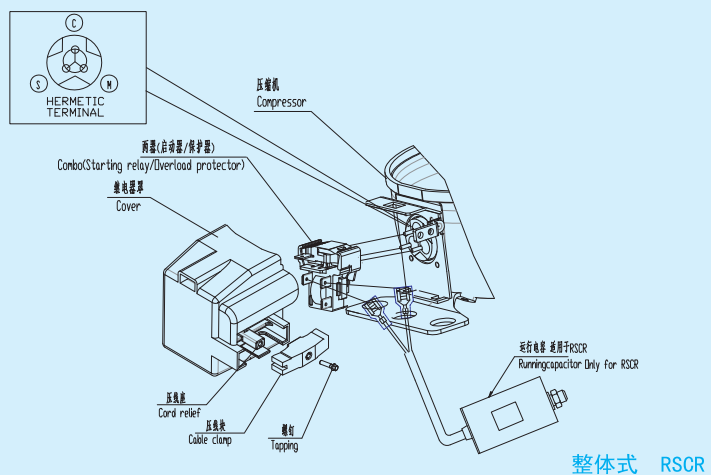


三、产品安装 Product mounting

1

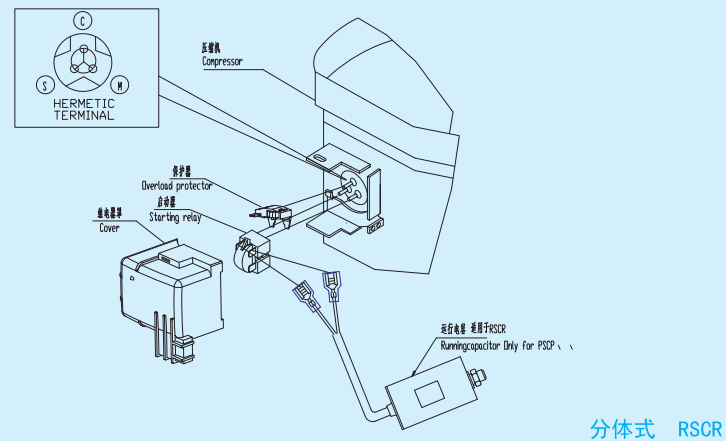


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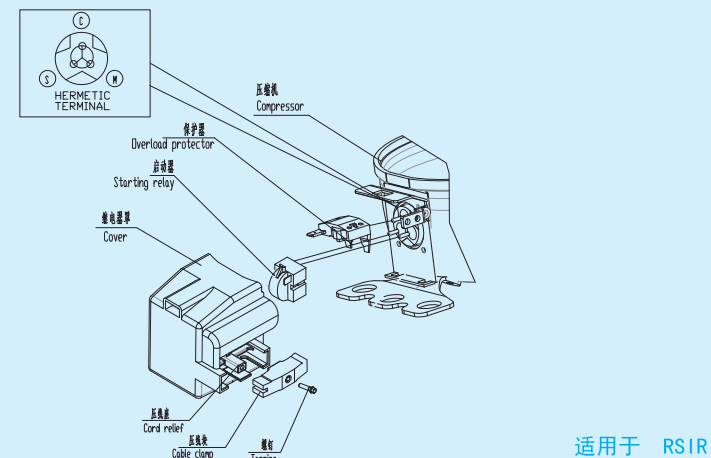


使用指南 USER'S GUIDE

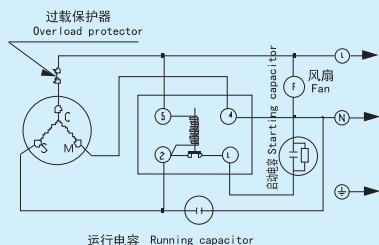
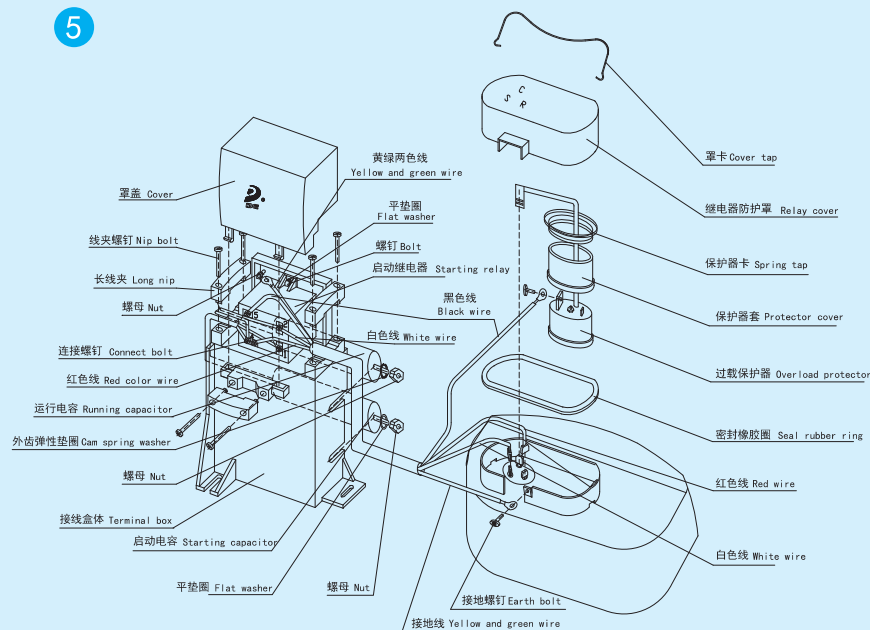
3



4



5

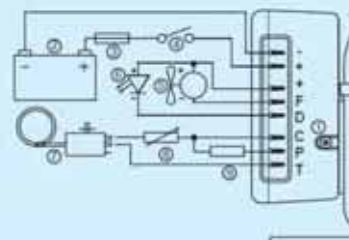


NCT系列

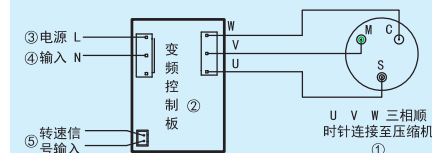
使用指南 USER'S GUIDE

四、变频压缩机产品接线 Frequency Inverter compressor wiring diagrams

直流DC



交流AC



①三相顺时针连接至压缩机 The three phases are connected clockwise to the compressor
②变频控制板 VSC control board
③电源 power
④输入 input
⑤转速信号输入 rotating speed signal input

五、产品通用要求 General requirement

1、压缩机拔掉橡胶塞后, 15分钟内必须装机, 以免污物和潮气进入。

After removing the rubber plug, the compressor must be assembled with 15 mins, to avoid dirt and moisture entering.

2、压缩机在存放、运输或安装时, 不得倾斜或倒置, 同时避免撞击。

When the compressor is stored, transported or installed, it shall not be tilted or turned upside down to avoid collision.

3、压缩机工作时要求与地面水平放置, 压缩机倾斜角度不得大于5度。

When the compressor is working, it should be placed horizontally with the ground. The inclination angle of the compressor should not be more than 5°

4、压缩机内注有东贝认可的最佳用量的冷冻油及冷冻油的品号。不得随意倒出或添加油量及更换油品。

The compressor is filled with the optimum amount of refrigeration oil approved by Donper. Do not pour out, add or change oil at will.

5、为了保证系统压力平衡,压缩机运行时间不得少于4分钟。

To ensure the system pressure balance, the compressor running time should not be less than 4 mins.

6、压缩机不能承受高额电压或者在真空条件下启动、运行,不能用压缩机进行系统抽真空。

Compressor can not withstand high voltage or start, operation in Vacuum condition, it cannot be used to vacuum the system.

7、制冷系统设计时,应充分考虑系统的回油。

When the refrigeration system is designed, the oil return of the system should be fully considered.

8、正常压缩机的工作环境温度不能高于43°C。在最高室温(43°C)连续运行时,冷凝压力和最高峰值压力不应超过下表值(针对特殊的使用环境,在选型前需要提前告知我们)。

The working ambient temperature of normal compressor should be no more than 43°C. When the compressor is continuously running at the highest room temperature, the condensing pressure and highest peak pressure should not exceed the following table value (for special adaptive environment, we need to be told in advance before model selection).

制冷剂Refrigerant	R600a	R134a	R290	R404A
最大冷凝压力Max. condensing pressure	0.87MPa	1.59MPa	2.01MPa	2.68MPa
最大峰值冷凝压力Max. Peak value condensing pressure	0.98MPa	2.0MPa	2.44MPa	3.0MPa
最高排气温度Max discharging gas temperature	110°C	120°C	130°C	130°C

9、如果需要将正常压缩机蒸发温度的使用范围增大,必须经过东贝认可。

If it is necessary to increase the use range of compressor evaporation temperature, it must be approved by Donper.

10、压缩机应存放于防雨雪、防潮、防晒区域。

Compressor should be stored in the area with protection against rain and snow, moisture, and sun.

11、压缩机附件(如启动继电器、过载保护器、电容等)交货时,未安装在压缩机上,而是装在压缩机附件箱内。

Compressor accessories (such as PTC, OLP, capacitor etc.) are not assembled with compressor when delivered, but inside the compressor accessories box.

12、在使用过程中,您有什么要求,请及时与我们取得联系,以便更好地为您服务。

In the process of use, if you have any requests, please contact us in time, in order to better serve you.

使用指南 USER'S GUIDE

六、R134a、R404A、R290、R1234yf系统特殊要求

Special Requirements for R134a, R404A, R290, R1234yf Systems

1、R134a、R404A、R290、R1234yf压缩机的三管敞口时间应尽可能短,最多不得超过10分钟。

The exposure time of three tubes of R134a, R404A, R290, R1234yf compressors should be as short as possible, no more than 10 mins.

2、R134a、R404A、R290、R1234yf压缩机内注入有东贝认可的专用冷冻油,不得随意添加、倒出或更换其它油品。

R134a, R404A, R290, R1234yf compressors are filled with special refrigeration oil approved by Donper. Please don't add, pour out or replace other oil products at will.

3、R134a、R404A、R290、R1234yf压缩机的工作系统应分别使用相对应的干燥过滤器。

The working system of R134a, R404A, R290, R1234yf compressors should use the corresponding drying filter respectively.

4、R134a、R404A、R290、R1234yf压缩机的工作系统进行抽真空和充注制冷剂时,必须分别使用专门装置或设备,不得与其它工质混用。

When vacuum pumping and refrigerant filling are carried out in the working system of R134a, R404A, R290, R1234yf compressors, special device and equipment must be used respectively, and it cannot be mixed with other refrigerants.

5、制冷系统应严格控制氯离子、石蜡、硅油及水份含量。

The content of chloride ion, paraffin, silicone oil and water should be strictly controlled in the refrigeration system.

6、与R134a、R404A、R290、R1234yf相容性不能确定的有机物在制冷系统中不得使用。

Organics with uncertain compatibility with R134a, R404A, R290, R1234yf shall not be used in refrigeration systems.

七、R290应用说明 R290 Application Instruction

R290制冷剂又称丙烷,属于天然制冷剂中的一种,具有良好的热力性能,价格低廉,R290制冷剂中不含有氯原子,ODP值为零,对大气臭氧层不具有破坏作用,同时R290制冷剂的GWP值接近零,对地球的温室效应没有影响,完全绿色环保。

R290 refrigerant, also known as propane, a kind of natural refrigerant with good thermal performance and low price. R290 refrigerant does not contain chlorine atoms, and its ODP value is zero, which does not damage the atmospheric ozone layer. Meanwhile, the GWP value of R290 is close to zero, which has no effect on the earth's green house effect and is completely green and environmentally friendly.



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