

GMCC

用芯创造未来

2015

RECIP COMPRESSOR

往复式压缩机产品手册



GMCC

Creates A Future With A Core

本资料相关技术数据仅供参考，实际数据以我司最新的产品规格书为准
The data of this catalog is for reference only, the actual data is subject to
the latest specification document.

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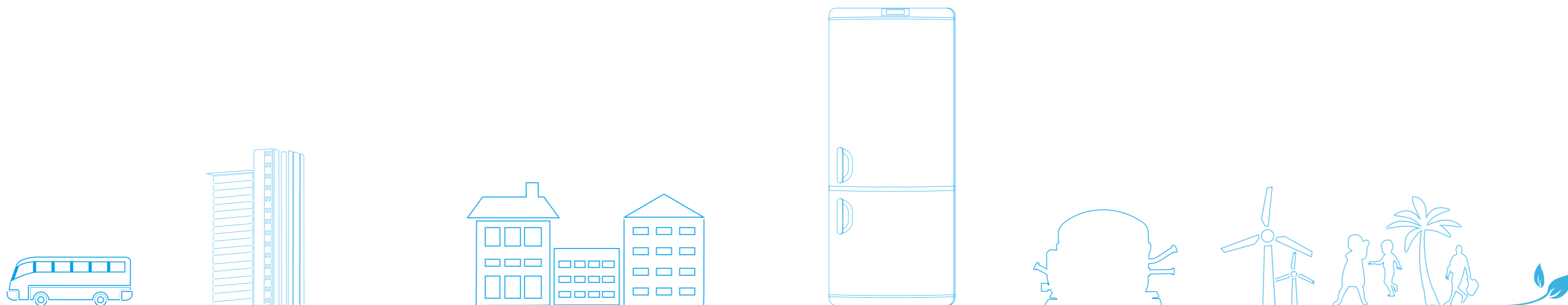
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GMCC is a precision manufacturer specializing in the R&D, manufacture and marketing of rotary, reciprocating and other types of refrigeration, refrigerated storage and ambient air-conditioner compressors, with its products applied widely to air conditioners, refrigerators, refrigerated cabinets, heat-pump water-heaters, dehumidifiers, driers, refrigerated trucks, water dispensing equipment, etc.

Founded in 1995, GMCC is the world's largest manufacturer of air conditioner compressors and fastest-growing manufacturer of refrigerator compressors. Currently, GMCC has four production bases in China, which are Guangdong Meizhi Compressor Co., Ltd. and Guangdong Meizhi Precision Manufacturing Co., Ltd. located in Shunde, Guangdong, Anhui Meizhi Compressor Co., Ltd. located in Hefei, Anhui, and Anhui Meizhi Precision Manufacturing Co., Ltd. located in Wuhu, Anhui. GMCC has been ranking first worldwide in terms of output and sales volume of air-conditioner rotary compressors since 2006, and currently has a market share of 25% and an annual production capacity of 51 million units, including 9 million refrigerator compressors, being one of the fastest-growing manufacturers of refrigerator compressors in the world.

As a manufacturer of core parts in the refrigeration industry, GMCC has contributed significantly to the industry's healthy development and technological upgrading by improving production capacity and

technologies constantly. GMCC has world-class R&D capacity and production equipment, and has established sound independent R&D and product systems, developed fixed speed and inverter products suited to refrigeration appliances worldwide, and passed authoritative certifications, including CCC, TUV, UL, CSA and VDE. In recent years, GMCC has made breakthroughs in cutting-edge compressor technologies, such as the environmental friendly refrigerant application technology, energy saving inverter technology, high-comfort application technology and green manufacturing technology, and become a technological leader in the global compressor industry.

Guided by the global leadership strategy, the GMCC people are focusing on the common vision of "To Be the Most Excellent Compressor Supplier in the World", and practicing the core values of "Dedicative, Interactive, high-Efficiency and Effective, Competitive", and the code of conduct of "Customers First, Pragmatic and Innovative, Respect People, Keep Learning" in order to strengthen the compressor business, pursue inclusive, intensive and sustainable development on the precondition of knowledge accumulation and innovation, and build comprehensive competitive edges based on products, talent, efficiency, speed and scale persistently.

COMPANY PROFILE

公司简介

GMCC 美芝是专业化研发、生产、销售旋转式、往复式等冷冻冷藏、环境空气调节用压缩机的精密制造企业，产品被广泛应用于各类空调、冰箱、冷柜、热泵热水器、抽湿机、干衣机、冷藏汽车、饮水机设备等领域。

美芝创建于 1995 年，是全球最大的空调压缩机和最具成长性的冰箱压缩机制造企业。目前，GMCC 美芝在国内有 4 大制造基地，分别是位于广东顺德的广东美芝制冷设备有限公司、广东美芝精密制造有限公司，以及位于安徽合肥的安徽美芝制冷设备有限公司、安徽芜湖的安徽美芝精密制造有限公司。自 2006 年起，GMCC 美芝空调用旋转式压缩机产销规模持续雄居全球第一，目前市场占有率已超过 30%，年产能已达到 5100 万台；其冰箱用压缩机的年产能已达 900 万台，成为全球范围内产销规模增长最为迅速的冰箱压缩机企业之一。

作为制冷行业核心零部件企业，GMCC 美芝通过不断提升产能规模和升级产品技术，为空调、冰箱产业的健康发展及

技术升级做出了重要贡献。GMCC 美芝现已具备全球领先的研发技术和生产设备，建立了完善的自主研发体系和产品体系，拥有适应全球各地区制冷器具基本需求的定速和变频产品，并通过了 CCC、TUV、UL、CSA、VDE 等各项权威认证。近年来，美芝在压缩机前沿技术领域如环保冷媒应用技术、节能变频技术、高舒适性应用技术及绿色制造技术等方面均取得了诸多突破性成果，成为全球压缩机行业技术领跑者。

在全球领先战略的指引下，美芝人聚焦“做全球最优秀压缩机供应商”的共同愿景，奉行“敬业、互动、高效、竞争”的核心价值观和“顾客第一、务实创新、尊重个人、不断学习”的核心行为准则，专致于压缩机事业的做强、做大，始终不渝地追求以知识积累和创新为前提的内涵集约式可持续发展，坚持不懈地锻造基于产品、人才、效率、速度和规模的综合竞争优势。

广东美芝制冷设备有限公司



广东美芝精密制造有限公司



安徽美芝制冷设备有限公司



安徽美芝精密制造有限公司



GREEN MILE

绿色里程

03

04

2000年10月

交流变频机种研发成功
实现量产

Oct.2000
AC INV Comp.

2004年03月

广东美芝精密制造
有限公司正式投产

Mar.2004
Guangdong Meizhi Precision
Manufacturing Co.,Ltd.
Went into Production

2008年11月

第一台冰箱
压缩机下线

Nov.2008
1st Reciprocating Comp.
Produced

12月

R410A冷媒双缸直流
变频产品实现量产

Dec.2008
R410A-DC INV Twin
Cylinder Comp.

2010年01月

卧式系列冷冻压缩机
研发成功，投放市场

Jan.2010
The Horizontal Refrigerating
Compressor Was Successfully
Developed and Marketed

05月

CO₂热泵热水器专
用压缩机研发成功

May.2010
Comp.for HP
Water Heater in CO₂

10月

首创双缸变容
压缩机投入市场

Oct.2010
1st Twin Cylinder Variable
Capacity Compressor Was Put into Market

2013年

第2亿台旋转式压缩机下线及喷气
增焓旋转式变频压缩机研发成功

2013
The 200,000,000th rotary compressor rolled off
the line, and the rotary inverter gas injection
compressor was developed successfully.

引入日方技术，X1C、X2C
系列压缩机开始投产

Oct.1996
Introducing Japanese Tech,
Produce X1C,X2C Series
Rotary Comp.

1996年10月

环保冷媒R410A直流
变频压缩机研发成功
实现量产

Sep.2003
R410A-DC INV Comp.

2003年09月

高效G1系列产品
量产成功

Nov.2007
High - Efficiency
G1 Series Comp.

2007年11月

R134a热泵热水
器系列专用压缩
机投放市场

Dec.2009
Special Comp. for
HP Water Heater
in R134a

2009年12月

美芝芜湖空压基地
投产

Oct.2011
The Air Compressor
Base of GMCC
in Wuhu Was Put
into Production

2011年10月

11月
正式被认定为首家联合国
蒙特利尔R290压缩机
示范生产线

Nov. 2011
R290 Production Line Became
the First Pilot Production Line
Recognized by the UN Montreal

2012年07月

成为全球首家变频压缩机累
计生产达3000万台的企业

July.2012
1st Enterprise with the
Cumulative Production of
over 30 Million INV
Compressors in the World

国内首发变频变容
高效空调压缩机
1st to Release Variable
Volumes DC-INV
Compressor in China

2014年

GMCC美芝空调压缩机
全球市场占有率达30%

2014
The global market share of
GMCC air-conditioner
compressors reached 30%.

GREEN INNOVATION

绿色创新

为保持核心科技的领先优势，GMCC美芝持续投入大量科研资源，配备了160余套价值超过1.2亿元的噪声/振动测试仪器与分析软件、压缩机模拟空调气体负荷试验、耐久试验、电机性能测试等设备，建立起全球领先的研发测试中心，并通过了国家实验室认证和UL CTDP认证。

To maintain the leadership of core technologies, GMCC has been investing heavily in scientific research. It has purchased over 160 noise/vibration test instruments worth over RMB120 million, as well as analysis software, and simulated air-conditioner gas load, durability and motor performance testing equipment, established a globally leading R&D and testing center, and been certified as a national laboratory and to UL CTDP.



自主性研发平台

拥有广东省制冷工程技术中心，下辖3个产品研发平台，具有完备的基础技术研究和产品开发体系，拥有各类科技人员268人，占公司全员39%以上。



Independent R&D Platform

We own Guangdong refrigerating engineering technical center, governing three product R&D platforms, equipped with complete basic technical research and product development system. We have 268 technicians, occupying over 39% of the total.

创新型科研队伍

已建成由博士、硕士和学士组成的知识结构层，同时铺建了由高级工程师、工程师、助理工程师构成的纵向职称网络，其中日韩籍专家5人，有效保证公司的研发能力和发展后劲。



Innovative R&D Team

We have established a brainpower team consisting of doctors, masters and bachelors, as well as title network including senior engineers, engineers, assistant engineers and so on, of whom, there are five experts from Japan or Korea, which guarantee the R&D potential and development of the company.

现代化实验设备

国内领先的PDM系统、全套先进的实验测试分析系统和实验室，包括最先进的噪音实验室、压缩机量热计实验室、压缩机单体耐久、压缩机试作室、电机性能实验室、焓差实验室、部品精密测量室。



Modern Experimental Equipment

Domestic leading PDM system, advance test analysis system and labs, including the most advanced noise lab, compressor calorimeter, compressor unit duration, compressor test lab, motor performance lab, enthalpy difference lab, part fine measurement lab and so on.

GREEN MANUFACTURE

绿色制造



“做全球最优秀的压缩机供应商”
作为制造企业的GMCC美芝
不断进行管理体系升级和制造工艺创新
为产品注入低碳、品质和服务等附加价值
用芯创造未来

“To be the most excellent compressors provider in the world”
GMCC, as a manufacturer, has been carrying out
the management system upgrade and
technical innovation so as to integrate added value as low carbon
quality and service to products and to create a future with cores

(一) 智能生产

近年来，GMCC 美芝在内部推进智能化生产的改造，已取得良好效果。目前，在压缩机生产中已实现了气缸连线自动化、定子 AC/DC 仕上自动化、高冲工序检测自动化、DC 转子装配自动化等，这些自动化项目的陆续投入使用，使美芝在规模、效率、品质、成本等各方面获得更大提升，继续保持行业领先优势。

(A) Intelligent production

In recent years, GMCC has carried out reforming of intelligent production in the company, and achieved a lot. Currently it has achieved cylinder connection automation, stator AC/DC finishing automation, high-punching process test automation, DC rotor assembly automation in the production of compressors, with the use of the automation projects in succession, GMCC has greatly improved itself in scale, efficiency, quality and cost, and kept leading in the industry.



(二) 绿色生产

GMCC 美芝建立了完善的能源管理制度，将能源消耗指标纳入部门考核中，并形成了三漏问题点自查及巡查机制；同时，美芝在内部生产中推行的中水回用、中央空调节能改造、生物质锅炉节能改造、空压机集成控制改造、中外炉余热利用改造等项目，对于生产过程中的节能减排极有成效。

(B) Green manufacture

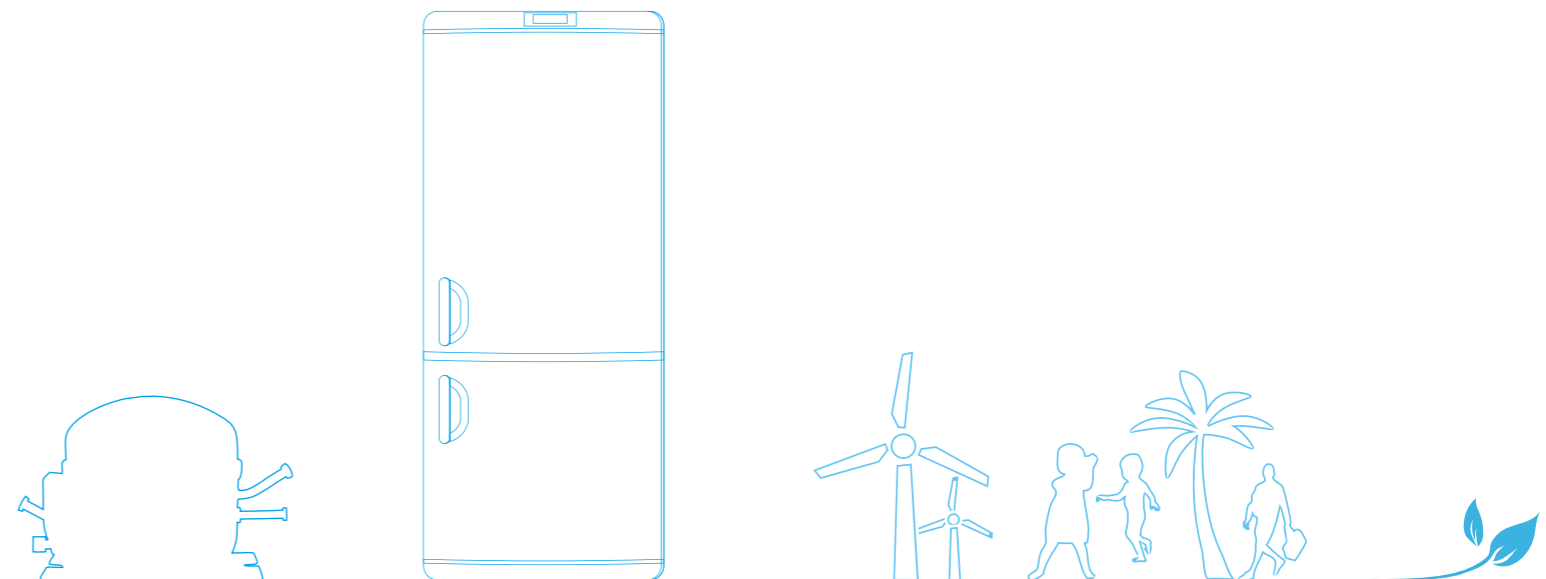
GMCC has established perfect energy management systems, and the energy consumption indices are integrated to department check, and it has formed three-leakage point self check and inspection systems; meanwhile, GMCC promotes projects in production such as use of reclaimed water, energy-saving rebuilding of central air conditioning, energy-saving rebuilding of biomass boilers, rebuilding of compressor integration control, rebuilding of residual heat of boilers and so on, which have higher effect in energy saving and emission reduction in the production.

(三) 精益制造

为了深挖制造潜力，实现高价值环节自动化，GMCC 美芝立足自身实际实施精益制造项目，紧密围绕生产自动化和布局优化方向，培养精益制造团队，同步提升内、外部物流供应能力和生产制造能力，逐步实现高质量、高效率、低成本、短交期的精益制造模式。

(C) Lean manufacture

In order to tap manufacturing potential and automate high-value processes, GMCC has implemented the lean manufacture project based on its own conditions, built a lean manufacture team for production automation and layout optimization, improved internal and external supply and manufacturing capacity, and realized a lean manufacture pattern featuring high quality and efficiency, low cost and short delivery period gradually.



INTRODUCTION TO PRODUCT SERIES

产品系列介绍

自主研发超高效产品系列，高效率电机及吸排气系统设计，冰箱工况COP最高可达到2.0，产品结构可靠、低噪音，可满足高效冰箱、冷柜、制冰机等需求。

This series are high-efficiency products independently developed by GMCC, using high-efficiency motor and suction and discharge system. Under refrigerator test condition, its maximum COP can reach 2.0, H series are characterized by solid structure, low noise, high-efficiency, which can meet the demands of refrigerator, freezer and ice-maker etc.

H SERIES系列



E SERIES系列

全新开发高效小型化产品系列，高可靠性设计，体积小、噪音低、启动性能好，适用工质R600a、R134a，产品最高COP达1.85，应用范围广，可满足不同国家地区的冰箱、冷柜产品需求。

This series are high-efficiency products with small size, which are newly developed by GMCC. E series are characterized by reliable structure, small size, low noise and easy starting, using refrigerant R600a and R134a. Its maximum COP can reach 1.8. With wide range of application, E series can meet the demands of refrigerator and freezer in different countries.

C SERIES系列

自主研发微型压缩机产品系列，是超小外形结构产品，可靠性高、噪音低、启动性能好，适用工质R600a、R134a，可满足饮水机、除湿机、小冰箱、小冷柜产品需求。

This series are mini-compressors independently developed by GMCC. C series are almost the smallest products among the current fridge compressors, which are characterized by high reliability, low noise, easy starting. Using refrigerant R600a and R134a, this series can meet the demands of water dispenser, dryer, small fridge and small freezer.

大排量

Large displacement SERIES系列

大排量机型在自主开发的H系列平台上拓展，排量覆盖范围11.0~15.0cc/rev，适用工质R600a、R134a，产品最高COP达1.85，可满足大冰箱、大冷柜、展示柜等大冷量产品需求。

This series was designed for the large displacement compressor which expanded from H series, the displacement range is from 11.0cc to 15.0cc, it can be used for both R600a and R134a refrigerant, the maximum cop is 1.85W/W, this series compressor are suitable for big size refrigerator / freezer, display cabinet and other similar equipments.



V SERIES系列

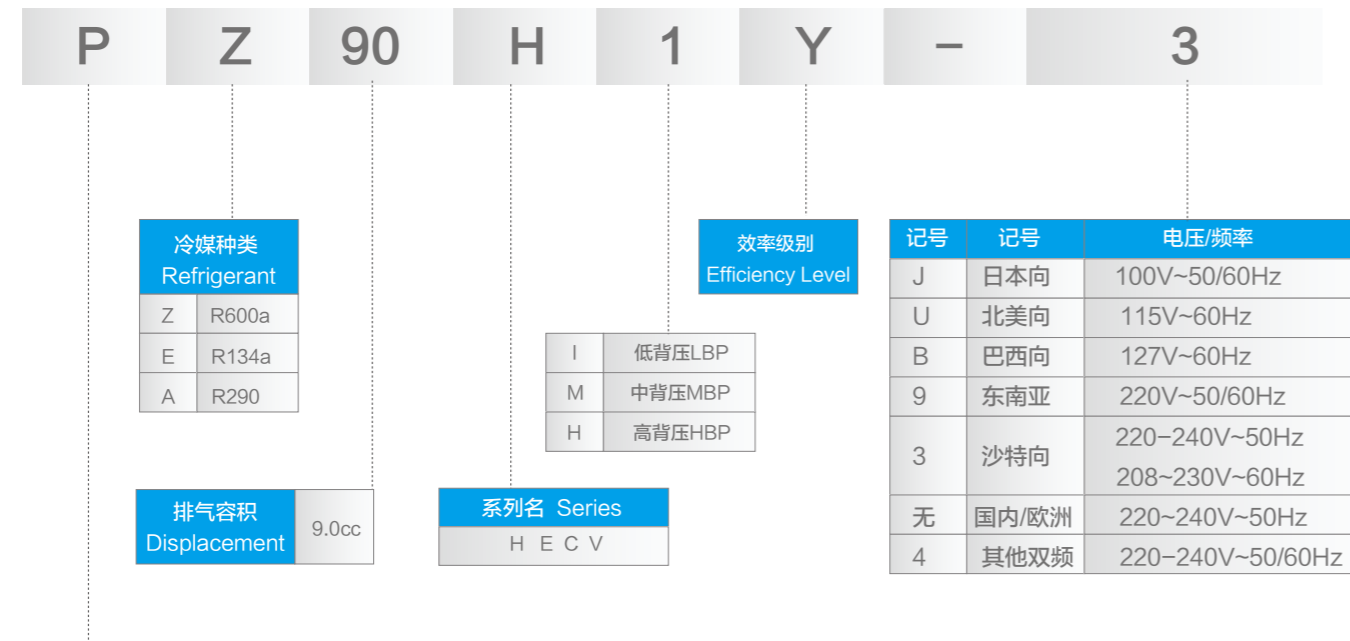
全新开发直流无刷变频系列，高可靠性、低噪音振动设计；全新低安装高度设计可使箱体利用率更高；先进的电机、电控设计，使其使用转速范围更广，过载能力更强、可靠性更高。适用工质R600a、R134a，产品排量范围从5.0~12.0cc/rev，最高效率达到2.05，可满足大容积高端节能产品的需求；同时中、低效产品性价比更高，可满足经济变频冰箱以及机械变频冰箱冷柜的使用。

Newly developed DC brushless inverter series, featuring high reliability, and low noise and vibration; new low mounting height design that improves cabinet utilization; advanced motor and electric control design that results in a wider RPM range, a higher overload capacity and higher reliability; working with refrigerants R600a and R134a, with a displacement range of 5.0~12.0cc/rev and a highest energy efficiency of 2.05 to meet the demand for high capacity, high-end energy-saving products; improved performance-cost ratio for medium- and low- efficiency products for use with economical inverter refrigerators, and mechanical inverter refrigerators and refrigerated cabinets

产品命名规则及测试工况

PRODUCT NAMING RULES AND TESTING CONDITIONS

产品命名规则 PRODUCT NAMING RULES



测试工况 TESTING CONDITIONS

测试工况 Test Condition	低背压LBP	
	ASHRAE	CECOMAF
蒸发温度Evap.Temp. °C	-23.3	-25
环境温度Amb.Temp. °C	32.2	32
冷凝温度Cond.Temp. °C	54.4	55
吸气温度SuctionTemp. °C	32.2	32
过冷温度SubcoolingTemp. °C	32.2	55

单位换算 Conersion Table

- 1、W × 3.412=Btu/h
- 2、W × 0.864=kcal/h
- 3、kcal/h × 1.163=W
- 4、kcal/h × 3.968=Btu/h
- 5、EER=COP × 3.412
- 6、Capacity(at50HZ) × 1.16=Capacity (at 60HZ)

国内/欧洲向产品性能参数

DOMESTIC/EUROPEAN PRODUCT PERFORMANCE AND PARAMETERS

系列 Series	型号 Model	气缸容积 Displ (cm³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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国内/欧洲向 DOMESTIC/EUROPEAN R600a LBP

220~240V/50Hz

系列	型号	气缸容积	冷却方式	电机类型	电源频率	制冷量	性能系数	认证	电机描述	壳体高度
H	PZ50H1U	5.4	ST	RSCR	220V/50Hz	94	1.98	----	Cu	178
	PZ50H1X	5.0	ST	RSCR	220V/50Hz	87	1.88	CCC/VDE	Cu/Al	178
	PZ55H1U▲	5.5	ST	RSCR	220V/50Hz	98	2.03	----	Cu	178
	PZ55H1W	5.5	ST	RSCR	220V/50Hz	98	1.95	CCC	Cu/Al	178
	PZ55H1X	5.5	ST	RSCR	220V/50Hz	98	1.90	CCC/VDE	Cu/Al	178
	PZ59H1Y	5.9	ST	RSCR	220V/50Hz	108/100	1.85	CCC/VDE	Cu/Al	178
	PZ65H1W	6.5	ST	RSCR	220V/50Hz	118	1.95	CCC	Cu	178
	PZ65H1X	6.5	ST	RSCR	220V/50Hz	118	1.90	CCC/VDE	Cu/Al	178
	PZ65H1Y	6.5	ST	RSCR	220V/50Hz	120	1.85	CCC/VDE	Cu/Al	178
	PZ65H1Z	6.5	ST	RSCR	220V/50Hz	120	1.80/1.78	CCC/VDE	Cu/Al	164
	PZ75H1W▲	7.5	ST	RSCR	220V/50Hz	137	1.95	CCC	Cu	178
	PZ75H1X	7.5	ST	RSCR	220V/50Hz	137	1.90	CCC/VDE	Cu/Al	178
	PZ75H1C	7.5	ST	RSCR	220V/50Hz	137	1.70	CCC/VDE	Cu/Al	164/170
	PZ80H1X▲	8.0	ST	RSCR	220V/50Hz	150	1.88	----	Cu/Al	178
	PZ80H1Y	8.0	ST	RSCR	220V/50Hz	150	1.85	CCC/VDE	Cu/Al	170
	SZ80H1H	8.0	ST	RSIR	220V/50Hz	150	1.45	CCC	Al	170
	PZ85H1X	8.5	ST	RSCR	220V/50Hz	165	1.90	CCC	Cu/Al	178
	PZ90H1X	9.0	ST	RSCR	220V/50Hz	170	1.90	CCC	Cu/Al	178
	PZ90H1Y	9.0	ST	RSCR	220V/50Hz	175	1.85	CCC/VDE	Al	178
	PZ90H1Z	9.0	ST	RSCR	220V/50Hz	170	1.78	CCC/VDE	Al	170
PZ90H1C	9.0	ST	RSCR	220V/50Hz	173	1.65	CCC/VDE	Cu/Al	164/170	
PZ99H1Y	9.9	ST	RSCR	220V/50Hz	185	1.88	CCC	Al	178	
PZ99H1C	9.9	ST	RSCR	220V/50Hz	185	1.65	CCC	Cu/Al	164/170	
SZ99H1H	9.9	ST	RSIR	220V/50Hz	185	1.48	CCC	Al	170	
E	PZ45E1C	4.5	ST	RSCR	220V/50Hz	70	1.65	CCC/VDE	Cu/Al	164/169
	PZ45E1F	4.5	ST	RSCR	220V/50Hz	70	1.50	CCC/VDE	Cu/Al	159
	SZ45E1K	4.5	ST	RSIR	220V/50Hz	70	1.29	CCC/VDE	Cu/Al	159
	PZ59E1Z	5.9	ST	RSCR	220V/50Hz	95	1.78	CCC/VDE	Cu/Al	164/169
	PZ59E1A	5.9	ST	RSCR	220V/50Hz	95	1.73	CCC/VDE	Cu/Al	164/169
	PZ59E1B	5.9	ST	RSCR	220V/50Hz	95	1.67	CCC/VDE	Al	164/169
	PZ59E1C	5.9	ST	RSCR	220V/50Hz	95	1.65/1.60	CCC/VDE	Cu/Al	164
	PZ59E1E	5.9	ST	RSCR	220V/50Hz	95	1.55	CCC/VDE	Cu/Al	164
	PZ59E1F	5.9	ST	RSCR	220V/50Hz	95	1.50	CCC/VDE	Cu/Al	164
	SZ59E1HL	5.9	ST	RSIR	220V/50Hz	95	1.45	CCC/VDE	Al	164
SZ59E1J	5.9	ST	RSIR	220V/50Hz	95	1.35	CCC	Al	159	
PZ70E1A	7.0	ST	RSCR	220V/50Hz	120	1.75	CCC	Cu/Al	164	

国内/欧洲向产品性能参数

DOMESTIC/EUROPEAN PRODUCT PERFORMANCE AND PARAMETERS

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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国内/欧洲向 DOMESTIC/EUROPEAN R600a LBP

220~240V/50Hz

E	PZ70E1B	7.0	ST	RSCR	220V/50Hz	120	1.70	CCC	1Cu/Al	164
	PZ65E1B	6.5	ST	RSCR	220V/50Hz	115	1.68	CCC/VDE	Al	164/169
	PZ70E1D	7.0	ST	RSCR	220V/50Hz	120	1.60	CCC/VDE	Cu/Al	164/169
	SZ70E1H	7.0	ST	RSIR	220V/50Hz	120	1.37	CCC	Al	158/5
	PZ80E1A	8.0	ST	RSCR	220V/50Hz	148	1.75/1.73	CCC/VDE	Cu/Al	164/174
	PZ80E1C	8.0	ST	RSCR	220V/50Hz	148	1.65	CCC/VDE	Cu/Al	164/169
	PZ80E1D	8.0	ST	RSCR	220V/50Hz	148	1.60	CCC/VDE	Cu/Al	164
	PZ80E1F	8.0	ST	RSCR	220V/50Hz	148	1.48	CCC/VDE	Cu/Al	164
	SZ80E1H	8.0	ST	RSIR	220V/50Hz	140	1.40	CCC	Al	164
	SZ90E1H	9.0	ST	RSIR	220V/50Hz	164	1.45	CCC	Al	169
C	SZ35C1P	3.5	ST	RSIR	220V/50Hz	50	1.10	CCC/VDE	Al	147
	SZ45C1K	4.5	ST	RSIR	220V/50Hz	70	1.30	CCC/VDE	Al	147
	PZ55C1D	5.5	ST	RSCR	220V/50Hz	85	1.55	CCC/VDE	Al	156
	SZ59C1J	5.9	ST	RSIR	220V/50Hz	96	1.30	CCC/VDE	Al	147
	PZ59C1H	5.9	ST	RSCR	220V/50Hz	96	1.40	CCC/VDE	Al	147
	PZ59C1F	5.9	ST	RSIR	220V/50Hz	96	1.50	CCC/VDE	Al	152

大排量 Large displacement	PZ110H1Y	11.0	ST	RSCR	220V/50Hz	195	1.85	CCC/VDE	Al	178
	PZ110H1A	11.0	ST	RSCR	220V/50Hz	195	1.75	CCC/VDE	Al	178
	PZ110H1D	11.0	ST	RSCR	220V/50Hz	195	1.62	CCC/VDE	Al	178
	PZ120H1Y	12.0	ST	RSCR	220V/50Hz	210	1.85	CCC	Al	178
	PZ120H1A	12.0	ST	RSCR	220V/50Hz	210	1.75	CCC	Al	178
	PZ120H1D	12.0	ST	RSCR	220V/50Hz	210	1.62	----	Al	178
	PZ130H1Y	13.0	ST	RSCR	220V/50Hz	225	1.85	CCC/VDE	Cu	185
	PZ130H1A	13.0	ST	RSCR	220V/50Hz	225	1.75	CCC/VDE	Al	185
	PZ130H1D	13.0	ST	RSCR	220V/50Hz	225	1.62	----	Al	185
	PZ140H1Y	14.0	ST	RSCR	220V/50Hz	245	1.85	CCC	Cu	185
	PZ140H1B	14.0	ST	RSCR	220V/50Hz	245	1.70	----	Al	185
	PZ140H1D	14.0	ST	RSCR	220V/50Hz	245	1.62	----	Al	185
	PZ150H1Y▲	15.0	ST	RSCR	220V/50Hz	275	1.85	----	Cu	185
	PZ150H1Z	15.0	ST	RSCR	220V/50Hz	275	1.80	CCC	Cu	185
	PZ150H1D	15.0	ST	RSCR	220V/50Hz	275	1.62	CCC	Al	185

国内/欧洲向产品性能参数

DOMESTIC/EUROPEAN PRODUCT PERFORMANCE AND PARAMETERS

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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国内/欧洲向 DOMESTIC/EUROPEAN R600a LBP 变频 DC inverter

220~240V/50Hz

V	DZ59V1X▲	5.9	ST	BLDC	22(1320rpm)	41	1.85	----	Cu	138
					30(1800rpm)	62	1.94			
					50(3000rpm)	106	1.88			
	DZ59V1Y▲	5.9	ST	BLDC	22(1320rpm)	41	1.82	----	Al	138
					30(1800rpm)	62	1.85			
					50(3000rpm)	106	1.80			
	DZ59V1A	5.9	ST	BLDC	22(1320rpm)	41	1.74	----	Al	138
					30(1800rpm)	62	1.76			
					50(3000rpm)	106	1.74			
	DZ75V1X▲	7.5	ST	BLDC	22(1320rpm)	51	1.85	----	Cu	138
					30(1800rpm)	78	1.93			
					50(3000rpm)	136	1.90			
	DZ75V1Y	7.5	ST	BLDC	22(1320rpm)	51	1.82	----	Al	138
					30(1800rpm)	78	1.85			
					50(3000rpm)	136	1.80			
DZ75V1A	7.5	ST	BLDC	22(1320rpm)	51	1.74	----	Al	138	
				30(1800rpm)	78	1.76				
				50(3000rpm)	136	1.74				
DZ90V1X	9.0	ST	BLDC	22(1320rpm)	61	1.84	----	Cu	138	
				30(1800rpm)	97	1.94				
				50(3000rpm)	170	1.90				
DZ90V1Y▲	9.0	ST	BLDC	22(1320rpm)	61	1.82	----	Al	138	
				30(1800rpm)	97	1.85				
				50(3000rpm)	170	1.80				
DZ90V1A▲	9.0	ST	BLDC	22(1320rpm)	61	1.74	----	Al	138	
				30(1800rpm)	97	1.76				
				50(3000rpm)	170	1.74				
					72(4320rpm)	230	1.65			

DOMESTIC/EUROPEAN PRODUCT PERFORMANCE AND PARAMETERS 国内/欧洲向产品性能参数

DOMESTIC/EUROPEAN PRODUCT PERFORMANCE AND PARAMETERS 国内/欧洲向产品性能参数

国内/欧洲向产品性能参数

DOMESTIC/EUROPEAN PRODUCT
PERFORMANCE AND PARAMETERS

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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国内/欧洲向 DOMESTIC/EUROPEAN R600a LBP 变频 DC inverter

220~240V/50Hz

V	DZ120V1X	12.0	ST	BLDC	22(1320rpm)	81	1.85	----	Cu	145
					30(1800rpm)	126	1.95			
					50(3000rpm)	210	1.88			
					72(4320rpm)	276	1.71			
	DZ120V1Y▲	12.0	ST	BLDC	22(1320rpm)	81	1.82	----	Al	145
					30(1800rpm)	126	1.85			
					50(3000rpm)	210	1.80			
					72(4320rpm)	276	1.71			
	DZ120V1A▲	12.0	ST	BLDC	22(1320rpm)	81	1.74	----	Al	138
					30(1800rpm)	126	1.76			
					50(3000rpm)	210	1.74			
					72(4320rpm)	276	1.65			

异种电源产品性能参数

PRODUCT PERFORMANCE AND PARAMETERS
UNDER DIFFERENT POWER SUPPLY

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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北美向 NORTH AMERICAN R600a LBP

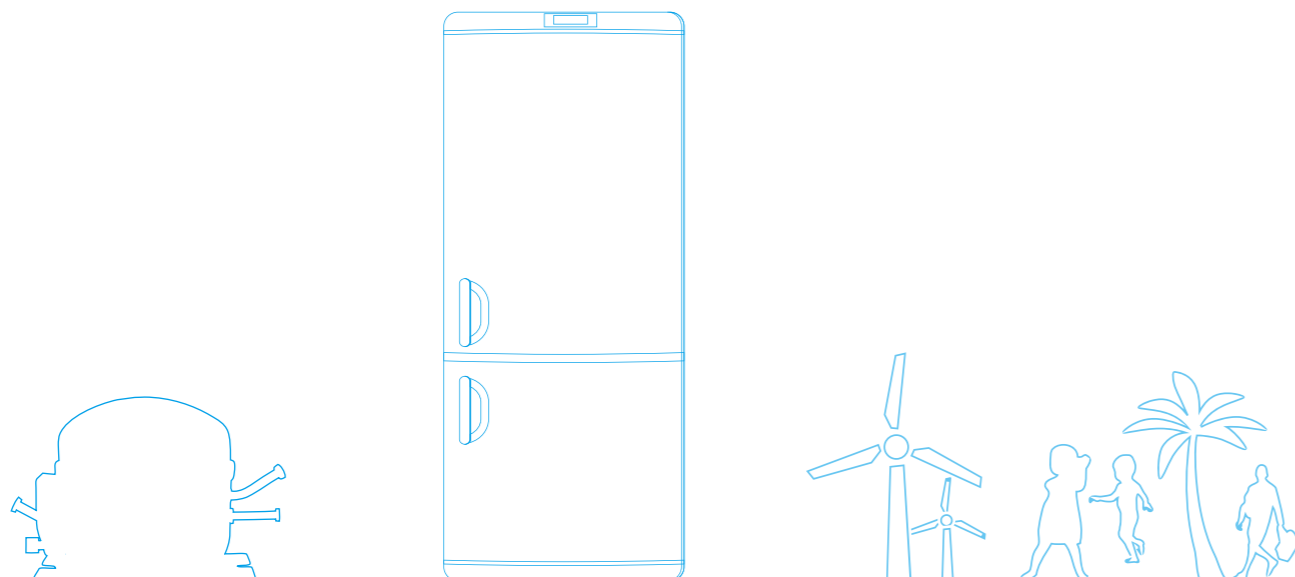
115V/60Hz

H	EZ55H1X-U	5.5	ST	RSCR	115V/60Hz	115	1.90	----	Al	178	
					115V/60Hz	115	1.82				
					115V/60Hz	115	1.64				
					115V/60Hz	135	1.85				
	FZ55H1D-U	5.5	ST	RSIR	115V/60Hz	115	1.64	UL	Al	170	
					115V/60Hz	135	1.64				
					115V/60Hz	170	1.80				
					115V/60Hz	170	1.80				
	E	FZ35E1H-U	3.5	ST	RSIR	115V/60Hz	64	1.40	UL	Al	164
						115V/60Hz	67	1.35			
						115V/60Hz	82	1.35			
						115V/60Hz	92	1.55			
FZ40E1J-U		4.0	ST	RSIR	115V/60Hz	67	1.35	UL	Al	159	
					115V/60Hz	82	1.35				
					115V/60Hz	92	1.55				
					115V/60Hz	92	1.45				
FZ45E1J-U		4.5	ST	RSIR	115V/60Hz	82	1.35	UL	Cu/Al	159	
					115V/60Hz	92	1.55				
					115V/60Hz	92	1.45				
					115V/60Hz	92	1.45				
FZ50E1E-U	5.0	ST	RSIR	115V/60Hz	92	1.55	UL	Cu/Al	164		
				115V/60Hz	92	1.45					
				115V/60Hz	92	1.45					
				115V/60Hz	92	1.45					
FZ50E1G-U	5.0	ST	RSIR	115V/60Hz	92	1.45	UL	Cu/Al	159		
				115V/60Hz	110	1.65					
				115V/60Hz	110	1.40					
				115V/60Hz	110	1.40					
EZ59E1C-U	5.9	ST	RSCR	115V/60Hz	110	1.65	UL	Cu/Al	164		
				115V/60Hz	110	1.40					
				115V/60Hz	132	1.65					
				115V/60Hz	132	1.65					
EZ80E1C-U	8.0	ST	RSCR	115V/60Hz	170	1.65	UL	Cu	164		
				115V/60Hz	170	1.65					
				115V/60Hz	150	1.75					
				115V/60Hz	150	1.75					
EZ75E1A-U	7.5	ST	RSCR	115V/60Hz	150	1.75	----	Cu	164		
				115V/60Hz	55	1.20					
				115V/60Hz	66	1.30					
				115V/60Hz	66	1.30					
C	FZ35C1M-U	3.5	ST	RSIR	115V/60Hz	55	1.20	----	Al	147	
					115V/60Hz	66	1.30				
					115V/60Hz	80	1.35				
					115V/60Hz	80	1.35				
FZ40C1J-U	4.0	ST	RSIR	115V/60Hz	66	1.30	----	Al	147		
				115V/60Hz	80	1.35					
				115V/60Hz	80	1.35					
				115V/60Hz	80	1.35					
FZ45C1J-U	4.5	ST	RSIR	115V/60Hz	80	1.35	----	Al	152		
				115V/60Hz	112	1.40					
				115V/60Hz	112	1.40					
				115V/60Hz	112	1.40					
FZ59C1H-U	5.0	ST	RSIR	115V/60Hz	112	1.40	----	Al	156		
				115V/60Hz	112	1.40					
				115V/60Hz	112	1.40					
				115V/60Hz	112	1.40					

日本向 JAPANESE R600a LBP

100V/50Hz~60Hz

H	FZ90H1E-J	9.0	ST	RSIR	100V/50Hz	170	1.55	----	Cu	164
					100V/60Hz	195	1.60			
E	FZ40E1J-J	4.0	ST	RSIR	100V/50Hz	56	1.16	----	Cu/Al	159
					100V/60Hz	65	1.35			
					100V/50Hz	71	1.20			
					100V/60Hz	82	1.40			
	EZ59E1A-J	5.9	ST	RSCR	100V/50Hz	95	1.51	----	Cu/Al	164
					100V/60Hz	110	1.75			
					100V/50Hz	95	1.36			
					100V/60Hz	110	1.60			
	EZ59E1C-J	5.9	ST	RSCR	100V/50Hz	95	1.36	----	Al	164
					100V/60Hz	110	1.60			
					100V/50Hz	95	1.38			
					100V/60Hz	110	1.60			
FZ59E1C-J	5.9	ST	RSIR	100V/50Hz	95	1.38	----	Cu	164	
				100V/60Hz	110	1.60				
				100V/50Hz	95	1.29				
				100V/60Hz	113	1.55				
FZ59E1F-J	5.9	ST	RSIR	100V/50Hz	95	1.29	----	Al	169	
				100V/60Hz	113	1.55				
				100V/50Hz	112	1.34				
				100V/60Hz	133	1.58				
FZ65E1E-J	6.5	ST	RSIR	100V/50Hz	112	1.34	----	Cu	164	
				100V/60Hz	133	1.58				
				100V/50Hz	112	1.34				
				100V/60Hz	133	1.58				



异种电源产品性能参数

PRODUCT PERFORMANCE AND PARAMETERS
UNDER DIFFERENT POWER SUPPLY

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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日本向 JAPANESE R600a LBP

100V/50Hz~60Hz

E	FZ65E1F-J	6.5	ST	RSIR	100V/50Hz 100V/60Hz	112 130	1.29 1.50	----	Cu/Al	159/169
	EZ75E1A-J	7.5	ST	RSCR	100V/50Hz 100V/60Hz	134 155	1.48 1.72	----	Cu	164
	EZ75E1D-J	7.5	ST	RSCR	100V/50Hz 100V/60Hz	129 150	1.42 1.65	----	Cu	164
	EZ80E1A-J	8.0	ST	RSCR	100V/50Hz 100V/60Hz	138 160	1.51 1.75	----	Cu	164

北美向 NORTH AMERICAN R134a LBP

115V/60Hz

H	EE50H1Z-U	5.0	ST	RSCR	115V/60Hz	178	1.70	UL	Cu	178
	EE50H1C-U	5.0	ST	RSCR	115V/60Hz	178	1.65	UL	Al	178
E	FE25E1L-U	2.5	ST	RSIR	115V/60Hz	70	1.24	UL	Cu	165
	FE25E1M-U	2.5	ST	RSIR	115V/60Hz	70	1.20	UL	Cu/Al	159
	EE30E1F-U	2.5	ST	RSCR	115V/60Hz	87	1.47	----	Al	174
	EE30E1H-U	2.5	ST	RSCR	115V/60Hz	87	1.45	UL	Al	165
	EE35E1F-U	3.5	ST	RSCR	115V/60Hz	115	1.50	UL	Cu/Al	175
	FE35E1G-U	3.5	ST	RSIR	115V/60Hz	120	1.44/1.40	UL	Cu/Al	165/169
	FE35E1M-U	3.5	ST	RSIR	115V/60Hz	115	1.20	UL	Al	159
	FE45E1F-U	4.5	ST	RSIR	115V/60Hz	140	1.48	UL	Cu/Al	165/169
	FE45E1M-U	4.5	ST	RSIR	115V/60Hz	140	1.20	UL	Al	165
	FE59E1G-U	5.9	ST	RSIR	115V/60Hz	190	1.45	----	Al	169
C	FE59E1M-U	5.9	ST	RSIR	115V/60Hz	190	1.40	----	Al	169
	FE30C1M-U	3.0	ST	RSIR	115V/60Hz	80	1.25	----	Al	147
	FE35C1K-U	3.5	ST	RSIR	115V/60Hz	110	1.30	----	Al	156
FE40C1J-U	4.0	ST	RSIR	115V/60Hz	120	1.35	----	Al	156	

异种电源产品性能参数

PRODUCT PERFORMANCE AND PARAMETERS
UNDER DIFFERENT POWER SUPPLY

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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沙特向 Saudi Arabia R600a LBP 双频

220~240V/50Hz~60Hz

E	PZ80E1D-3	8.0	ST	RSCR	230V/50Hz 230V/60Hz	148 170	1.60 1.70	CB	Cu	164	
	H	PZ55H1Y-3	5.5	ST	RSCR	230V/50Hz 230V/60Hz	100 115	1.83 1.85	CB	Al	178
		PZ80H1Y-3	8.0	ST	RSCR	230V/50Hz 230V/60Hz	150 174	1.83 1.85	CB	Al	178
		PZ90H1D-3	9.0	ST	RSCR	230V/50Hz 230V/60Hz	173 195	1.63 1.75	CB	Cu	170
PZ90H1Y-3		9.0	ST	RSCR	230V/50Hz 230V/60Hz	170 192	1.83 1.85	CB	Al	178	
PZ99H1D-3		9.9	ST	RSCR	230V/50Hz 230V/60Hz	185 210	1.60 1.68	CB	Cu	170	
PZ99H1Y-3		9.9	ST	RSCR	230V/50Hz 230V/60Hz	188 220	1.83 1.85	CB	Cu	178	
PZ130H1A-3		13.0	ST	RSCR	230V/50Hz 230V/60Hz	230 270	1.65 1.75	CB	Cu	185	

南美向 South America R600a LBP

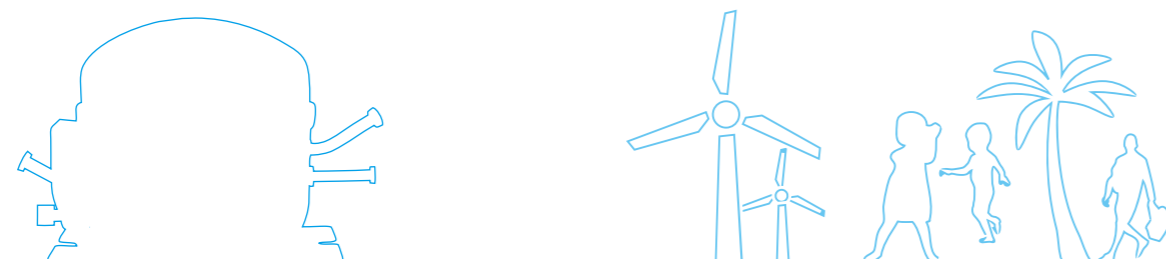
127~220V/60Hz

E	EZ45E1A-B	4.5	ST	RSIR	127V/60Hz	83	1.75	----	Al	165
	FZ50E1F-B	5.0	ST	RSIR	127V/60Hz	92	1.45	----	Al	165
	FZ59E1H-B	5.9	ST	RSIR	127V/60Hz	112	1.40	----	Al	165
	FZ65E1F-B	6.5	ST	RSIR	127V/60Hz	130	1.50	----	Al	165
	FZ75E1F-B	7.5	ST	RSIR	127V/60Hz	155	1.50	----	Al	165
	FZ80E1F-B	8.0	ST	RSIR	127V/60Hz	165	1.47	----	Al	165
	PZ45E1A-N	4.5	ST	RSIR	220V/60Hz	83	1.75	----	Cu	165
H	EZ80H1Y-B▲	8.0	ST	RSCR	127V/60Hz	174	1.84	----	Al	----
	EZ99H1D-B▲	9.9	ST	RSCR	127V/60Hz	210	1.60	----	Al	----
	EZ120H1A-B▲	12.0	ST	RSCR	127V/60Hz	240	1.75	----	Al	----
PZ150H1A-N▲	15.0	ST	RSCR	220V/60Hz	300	1.75	----	Cu	----	

南美向 South America R134a LBP

127~220V/60Hz

E	SE30E1J-B	3.0	ST	RSIR	127V/60Hz	88	1.35	----	Al	165
	FE35E1J-B	3.5	ST	RSIR	127V/60Hz	115	1.35	----	Al	165
	SE30E1J-N	3.0	ST	RSIR	220V/60Hz	88	1.35	----	Al	165
H	EE50H1C-B▲	5.0	ST	RSCR	127V/60Hz	185	1.65	----	Al	----
	EE75H1C-B▲	7.5	ST	RSCR	127V/60Hz	250	1.65	----	Al	----
	PE50H1C-N▲	5.0	ST	RSCR	220V/60Hz	185	1.65	----	Al	----
PE75H1C-N▲	7.5	ST	RSCR	220V/60Hz	250	1.65	----	Al	----	



异种电源产品性能参数

PRODUCT PERFORMANCE AND PARAMETERS
UNDER DIFFERENT POWER SUPPLY

系列 Series	型号 Model	气缸容积 Displ (cm ³)	冷却方式 Cooling Type	电机类型 Motor Type	电源频率 Power frequency	制冷量 Cooling Capacity (W)	性能系数 Coefficient of performance	认证 Certification	电机描述 Motor description	壳体高度 Shell height
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东南亚向 Southeast Asia

R134a LBP 宽电压双频 Wide voltage range

150~260V/50Hz(60Hz)

E	SE30E1M-9	3.0	ST	RSIR	220V/50Hz 220V/60Hz	75 88	1.15 1.30	----	Al	165
	SE35E1M-9	3.5	ST	RSIR	220V/50Hz 220V/60Hz	90 105	1.15 1.30	----	Al	165
	PE45E1F-9	4.5	ST	RSCR	220V/50Hz 220V/60Hz	120 140	1.35 1.55	----	Al	170
	PE50E1F-9	5.0	ST	RSCR	220V/50Hz 220V/60Hz	140 160	1.35 1.55	----	Al	175
	SE50E1M-9	5.0	ST	RSIR	220V/50Hz 220V/60Hz	130 150	1.15 1.30	----	Al	175
	SE59E1M-9	5.9	ST	RSIR	220V/50Hz 220V/60Hz	160 195	1.15 1.30	----	Al	175
H	PE45H1F-9	4.5	ST	RSCR	220V/50Hz 220V/60Hz	130 150	1.53 1.58	CB	Al	178
	SE50H1H-9	5.0	ST	RSCR	220V/50Hz	155	1.50	CB	Al	178
	PE50H1F-9	5.0	ST	RSCR	220V/50Hz 220V/60Hz	155 178	1.62 1.63	CB	Al	178
	PE50H1C-9	5.0	ST	RSCR	220V/50Hz	155	1.63	----	Al	178
	PE65H1C-9	6.5	ST	RSCR	220V/50Hz	190	1.65	----	Al	178
	PE65H1F-9	6.5	ST	RSCR	220V/50Hz 220V/60Hz	190 215	1.50 1.53	----	Al	178
	PE65H1H-9	6.5	ST	RSCR	220V/50Hz 220V/60Hz	195 215	1.45 1.52	----	Cu/Al	164/178
	PE75H1H-9	7.5	ST	RSCR	220V/50Hz 220V/60Hz	220 240	1.45 1.48	----	Cu/Al	178
	PE90H1F-9	9.0	ST	RSCR	220V/50Hz 220V/60Hz	270 300	1.53 1.58	----	Al	178

饮水机 Water dispenser

R134a LBP

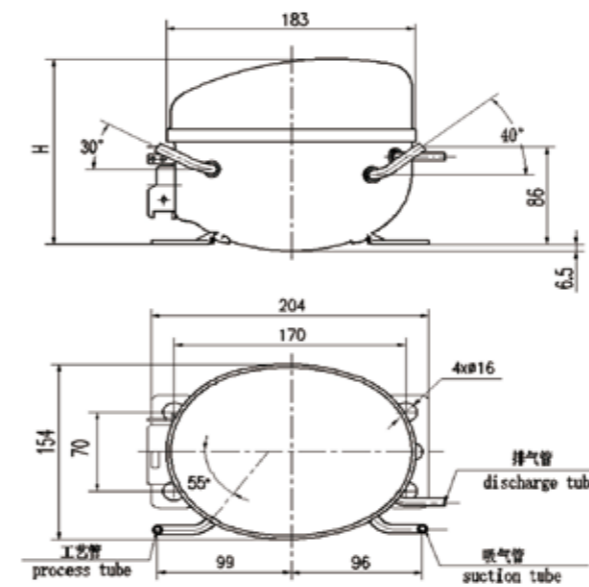
127V/60Hz

C	FE25C1Q▲	2.5	ST	RSIR	115V/60Hz	65	1.10	----	Al	147
	SE30C1P▲	3.0	ST	RSIR	220V/50Hz	68	1.15	----	Al	147

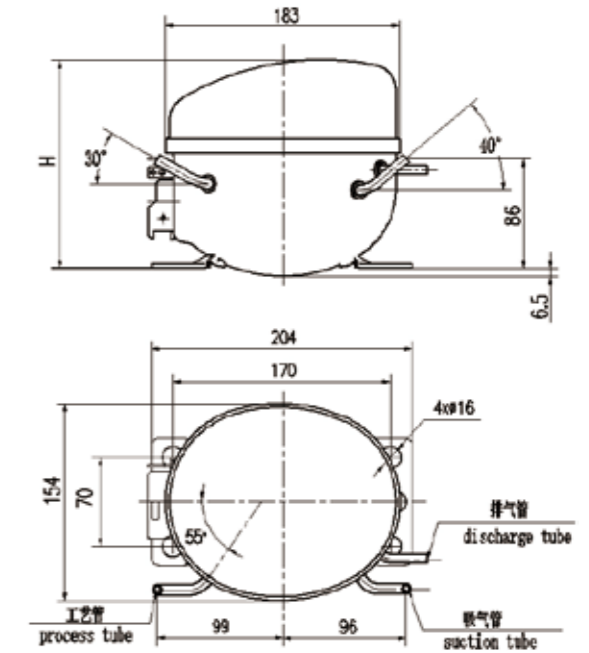
外形图 (一)

OUTLINE DRAWING OF COMPRESSOR (A)

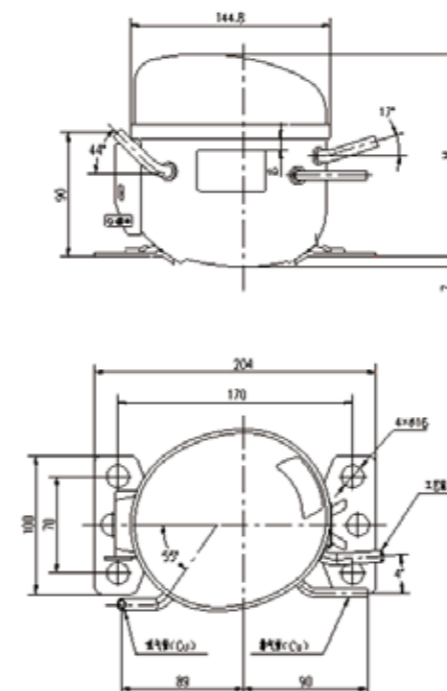
V SERIES



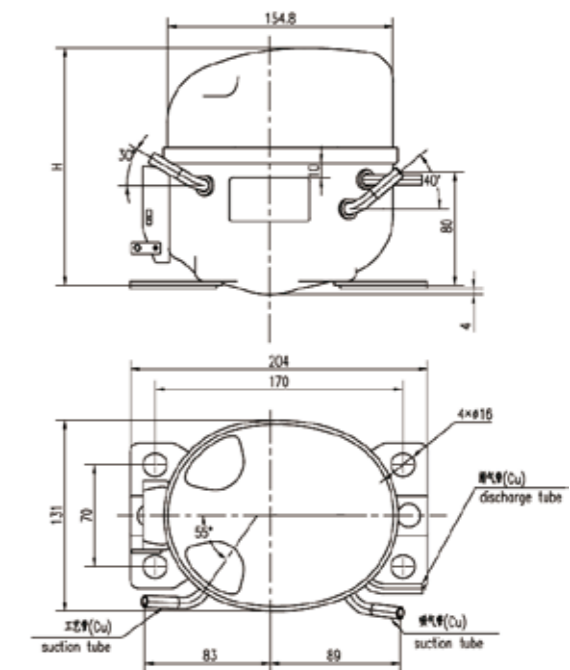
H series



C series



E series

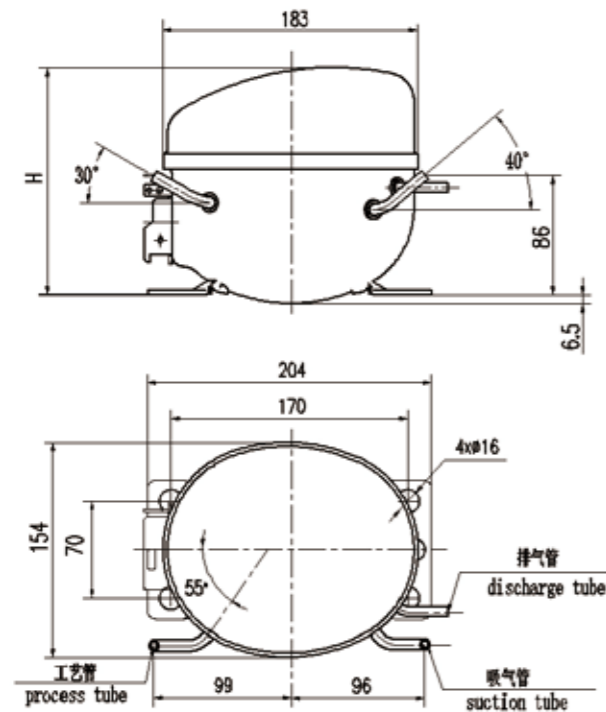


外形图 (二)

OUTLINE DRAWING OF COMPRESSOR (B)

大排量

Large displacement



系列 Series	高度 Height(mm)
H	178/170/164
E	169/164/159
C	156/152/147
大排量	187/183
V变频	138/145

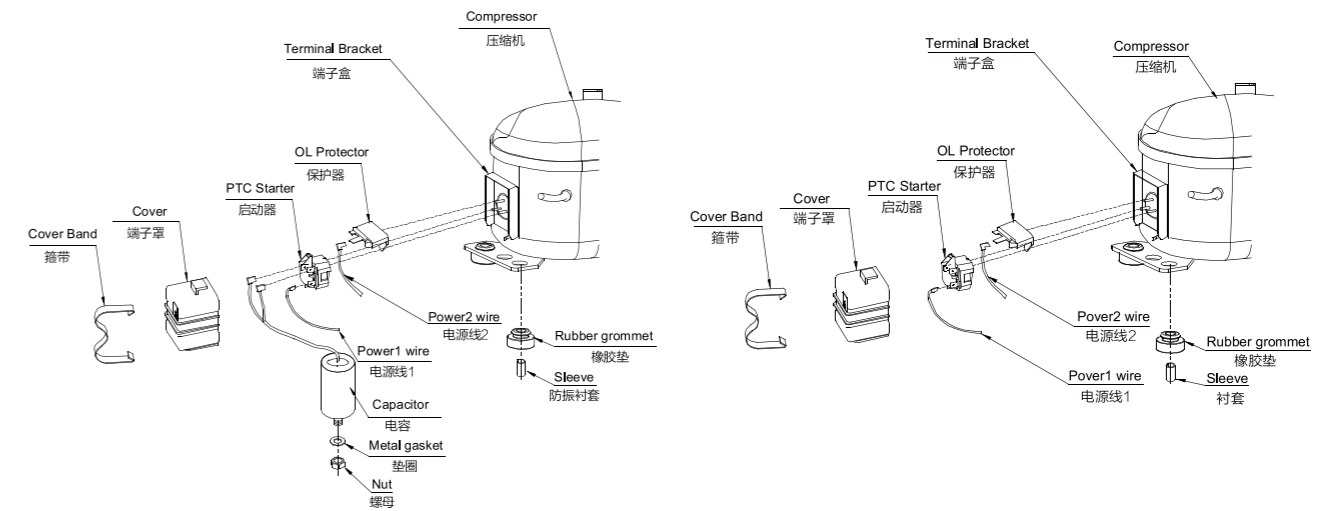
备注 Remarks:

- * 原则上吸排气管不能互换，若互换则COP和制冷量下降约5%左右；
In principle, suction and discharge pipes are not interchangeable, if interchanged, the COP and cooling capacity will be reduced by about 5%;
- * 接水盘扣增加与否可根据客户要求而定；
Whether water pan clip is added or not can be determined according to customer requirements;
- * 三管的内径、弯管方向可根据客户要求而定。
Inner diameters of the three tubes and bending direction can be determined according to customer requirements.

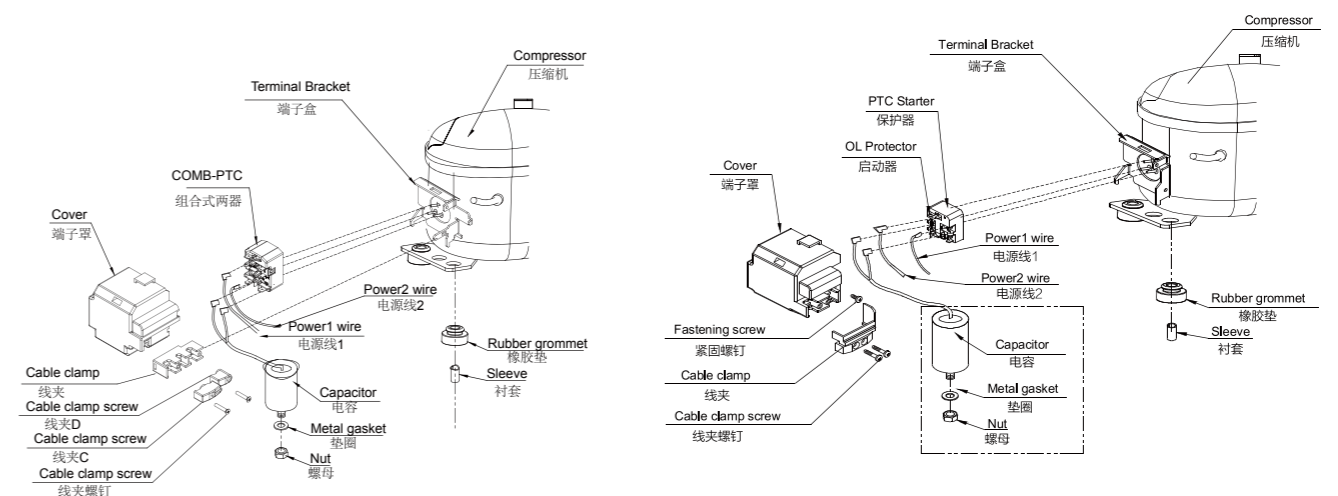
附件安装图

INSTALLATION OF ACCESSORIES

组装-箍带式接线盒 Assembly-cover band type terminal box



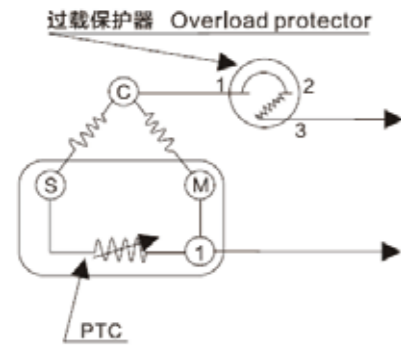
组装-线夹式接线盒 Cable clamp type terminal box



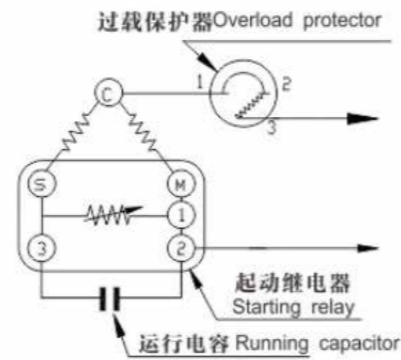
电气接线图

ELECTRIC WIRING DIAGRAM

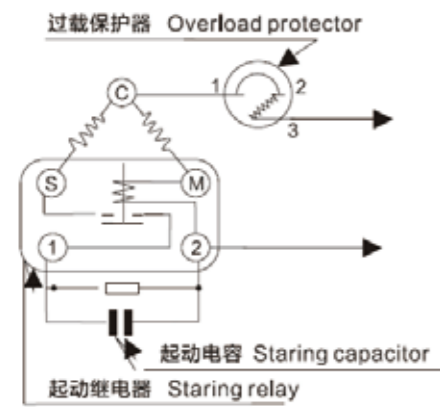
RSIR



RSCR



CSIR



BLDC 直流变频

具体接线方式请参照产品规格书
Please according to the specification

压缩机标准包装

COMPRESSOR STANDARD PACKAGE

依据运输要求，分为出口包装和内销包装，分别见下图：

The packing is divided into export packing and domestic packing, as shown below respectively:



出口包装
Export Packing



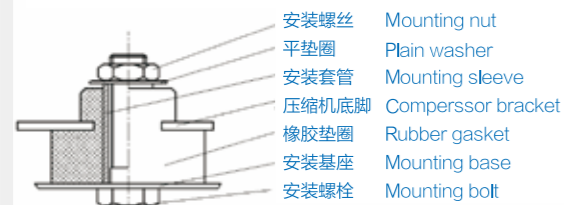
内销包装
Packing for domestic sale

地脚安装方式

ANCHOR INSTALLATION MODE

螺栓式 Bolted Type

安装方式 1
Mounting type1



压片式 Spring Clip Type

安装方式 2
Mounting type2



产品系列 Product Series	外形尺寸 External Dimensions			包装层数 No. of Layers	包装数量(台) Quantity (Unit)	毛重 Gross Weight (kg)
	L (mm)	W (mm)	H (mm)			
大排量	1100	920	1097/1122	5	120	939~1172
H/V系列 H/V series	1100	920	1027/1077	5	120	867~1100
E系列 E series	1100	920	1120/1190	5	140	810~920
C系列 C series	1100	920	1050/1100	5	140	700~760

备注 Remarks:

出口包装单包层数根据货柜尺寸及载重要求确定。

The number of layers of a single package for export packing is to be determined according to the dimensions of the container and load carrying requirements.

一般技术说明

GENERAL TECHNICAL DESCRIPTION



- 1、压缩机在真空条件下的不得加高电压测试或进行启动测试；
- 2、压缩机可以在0.3Mpa (R600a, 表压) 或0.5Mpa (R134a, 表压) 平衡压力下在标称电压的85%下启动；
- 3、冷媒封入时, 会出现冷媒在上、冷冻机油在下的分层状态, 此时请不要立即启动压缩机, 若启动由于冷冻机油润滑量不足, 导致机械部件划伤; 且压力未及时平衡, 会导致启动不良。

1. The compressor under vacuum condition should not be tested at high voltage or tested for startup;
2. The compressor may be started up at 85% of nominal voltage under 0.3MPa (G) (for R600a) or 0.5MPa (G) for (R134a) balance pressure;
3. When filling the refrigerant into the compressor, there will appear the phenomenon of stratification that the refrigerant is on the top and refrigerator oil is at bottom, in this case, please don't immediately start up the compressor, if you do so, the mechanical components may be scratched due to insufficient amount of lubricating refrigerator oil; moreover, the pressure has not achieved equilibrium, which will cause poor startup.



- 1、压缩机搬运过程中需要保持压缩机垂直, 不能倒置, 并尽量避免撞击和振动;
- 2、压缩机启动器、保护器等电装品必须使用配套制定的式样;
- 3、拔出橡皮塞, 请在5分钟内将压缩机与制冷系统连接, 不允许有任何空气中的灰尘或潮气进入压缩机里面;
- 4、不要对吸气管、排气管施加强制性弯曲力;
- 5、不得往压缩机内注入任何非指定液体;
- 6、制冷系统不能含氯系列残渣物 (除锈剂、清洗剂 (包含R113) 等), 有机物的残渣量在100mg以下;
- 7、冷媒充注不要超过规定量;
- 8、压缩机外接电源线不能接错, 若发生误接线, 压缩机逆转, 压缩机不能再使用;
- 9、压缩机端子罩内的配线须使用耐热性高的配线。

1. During the handling of the compressor, it is required to keep the compressor in vertical position, don't place it upside down and avoid impact and vibration as far as possible;
2. Electric components like starter, protector etc. of the compressor must adopt the specifications specified by our company;
3. Pull out the rubber plug, please connect the compressor with the refrigerating system within 5 minutes, it is not allowed to let any dust or moisture in the air enter the compressor;
4. Do not apply positive bending force to the suction and exhaust pipes;
5. It is forbidden to fill any non-specified liquid into the compressor;
6. The refrigerating system should not contain chlorine series residue (rust remover, cleaning agent (containing R113 etc.), and the amount of residual organic matter should be below 100mg;
7. The refrigerant charge should not exceed the specified amount;
8. Do not wrongly connect the external power lines of the compressor, if they are connected wrongly, the compressor will be reversed and cannot be used any longer;
9. The wires in the terminal cover of the compressor must use high temperature resistant ones.



- 1、压缩机出厂后的库存期最好不要超过6个月。如果超过6个月, 请检查压缩机内的干燥氮气是否充足, 必要时补充;
- 2、请将压缩机储存于通风干燥的地方, 尽量避免湿气。

1. The warehouse storage period of the compressor after delivery should preferably not exceed 6 months; If the storage period exceeds 6 months, please check if the dry nitrogen gas in the compressor is sufficient, and make up it, if necessary.
2. Please store the compressor in a well ventilated dry place and try to avoid moisture.

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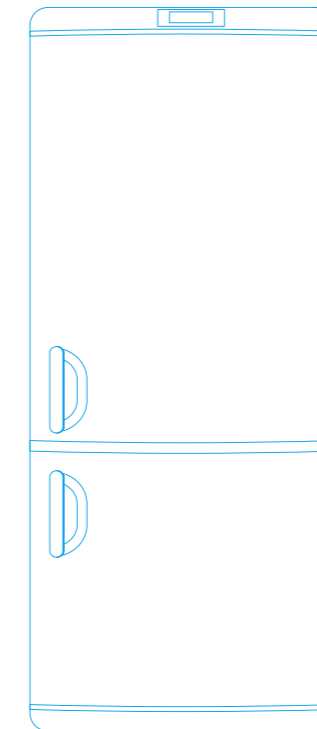
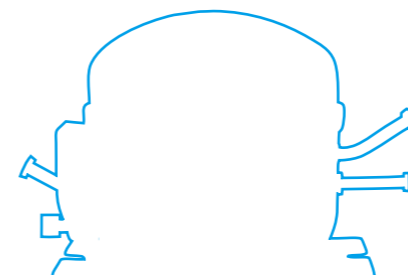
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