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整体式/分体式库用冷冻机
Integral and separable Library use freezer



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2016年第一版



美乐柯集团
MELUCK Group

美乐柯集团简介

MELUCK Group Company Profile

美乐柯集团，是集研发设计、制造、销售、工程安装及售后服务于一体的大型现代化企业。自1993年创建以来，凭借尖端研发技术和丰富的实践经验，现已发展成为集团化企业。总部及其研发中心，位于上海南翔工业区。旗下拥有上海美乐柯制冷设备有限公司、安徽美乐柯空调设备有限公司、浙江冰峰空调设备有限公司三家分公司。

秉承“创新促发展，服务促市场”的经营理念，坚持“以人为本，追求卓越”的企业宗旨，在全国设立60多个代理机构，覆盖全国大、中、小城市，形成全国营销网络体系。根据客户需求，自主研发10多款系列产品，因其“更节能、更环保、更灵活”的使用特点，获得用户高度评价。产品远销中东、欧洲、澳洲、东南亚、非洲等几十个国家和地区，现在为客群提供全套生产设备与解决方案。

已获得ISO9001:2008国际质量体系认证证书，产品拥有国家进出口自营权；通过国际权威机构CE、SGS质量安全认证和CQC认证；成为中国制冷学会团体会员、中国质量检验学会团体会员、中国知识产权保护协会会员、浙江企业文化团体会员，拥有中华人民共和国特种设备制造许可证和全国工业产品生产许可证。

企业愿景：成为行业内最受推崇和尊敬的品牌。

企业使命：成为国际领先的制冷成套设备、制冷换热器及压力容器供应商和服务商。

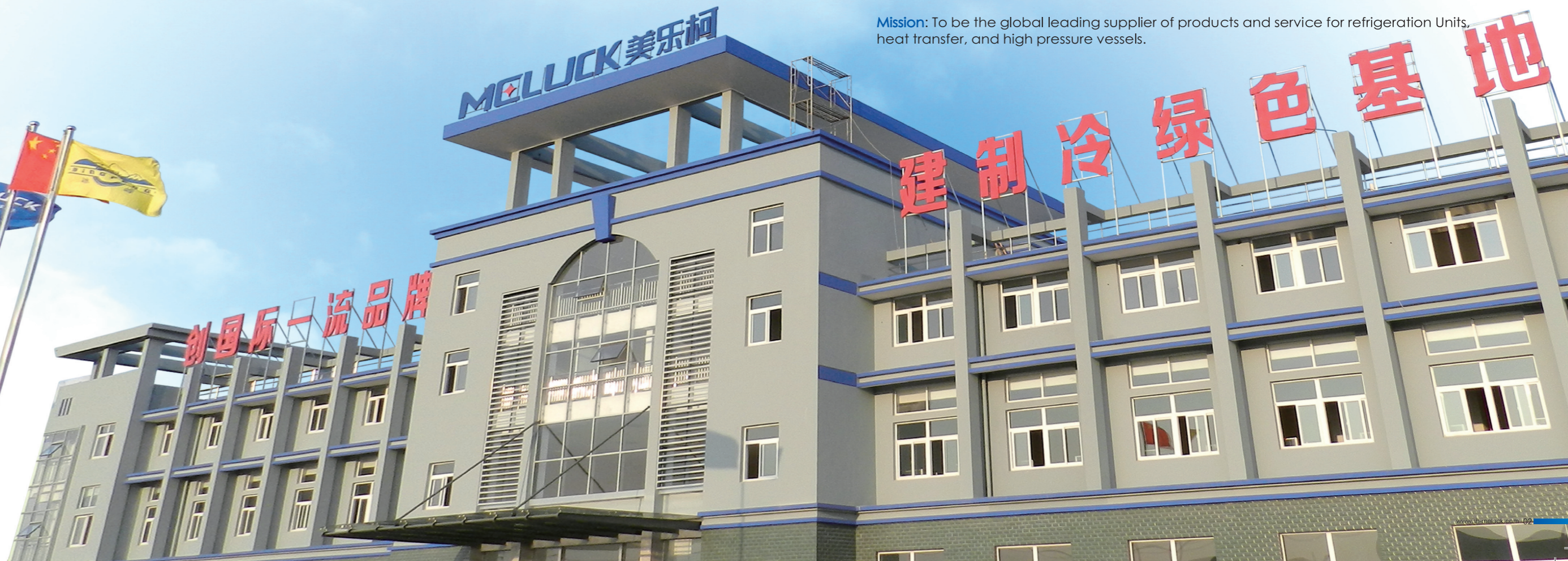
Shanghai Meluck Group Company is an advanced enterprise specializing in R&D, manufacturing, marketing, construction contracting, post sale service of refrigeration and relevant equipments. It has grown very fast, now become a company group, features top R&D capability, rich experience, since it was established in 1993. With its headquarter, R&D center, and Marketing center in Nanxiang Shanghai, there are mainly 3 companies under the group company: Shanghai Meluck Refrigeration Equipment Co. Ltd., Anhui Meluck Air Condition Equipment Company Ltd., and Zhejiang Bingfeng Air Condition Equipment Company Ltd.

Keeping a business philosophy of “Achieve development with innovation, expand market with service”, Shanghai Meluck Group has set over 60 branches and agencies over China, make a complete sales network covering all cities of the country. Now Meluck company dedicates itself in providing better quality, more energy saving refrigeration, tries to make more contribution to the global energy saving and consumption decrease object, it has sold its products of over 10 series to all parts of the world as Mid east, Europe, Australia, South east Asia, Africa etc.

It has registered for ISO9001 quality system certification, got government license for export and import. Its products have got certificates of CE, SGS, and CQC etc. It has become the member of China Refrigeration Institute, The Association of the Quality testing and measuring, The Association of Intellectual Property Protection of China, and The Association of Enterprise Culture of Zhejiang Province. It has got the License for Special Equipment Manufacturing of P.R.C, and the License for The National Industrial Product Manufacturing of China.

Vision: To be the most respected brand of the refrigeration brand in the world.

Mission: To be the global leading supplier of products and service for refrigeration Units, heat transfer, and high pressure vessels.



美乐柯分公司

MELUCK branch



上海美乐柯——总部 Meluck Headquarter

作为集团的战略总部，占地面积18000多平方，主要产品有：箱式冷凝机组、一体机和分体机组、汉钟螺杆机组、敞开式机组、并联机组、工业冷水机组、低噪音冷凝机组、压缩冷凝机组、风冷冷凝机组等系列，自行研制的关键部件已申请国家专利。

As a Strategic headquarter, occupies over 18000 SQM, has complete product lines, including Box type condensing unit, Mono block, Split type, Hanbell unit, open type condensing unit, compressor rack, industrial chiller, low noise condensing unit, water cooled and air cooled units etc, and has owned several patents some key components developed.



安徽新工厂 Shanghai Meluck Anhui Division

美乐柯安徽新工厂—安徽美乐柯空调设备有限公司总投资1.65亿元，占地200亩，是目前国内最大的制冷设备生产制造基地之一，专业制造和研发风冷凝器、蒸发器、冷凝机组、工业冷水机等制冷设备，公司2012年底已正式投入生产。

Shanghai Meluck Anhui Division—Anhui Meluck Air-condition Equipment Co.,Ltd. invested about U.S dollar Twenty Six Million, with 83000m2 area; is one of the biggest refrigeration equipment manufacturing bases in China, specialized in manufacturing and researching for the refrigeration equipments like air cooled condenser, evaporator, condensing unit, industry chiller etc. the factory will be put into production in 2012.



浙江公司 Shanghai Meluck Zhejiang Division

美乐柯浙江公司——浙江冰峰空调设备有限公司位于台州市玉环县坎门科技工业区，占地15亩，是专业生产“冰峰”牌制冷设备，主要有壳管式冷凝器、干式蒸发器、储液器等压力容器，年产量可达5000万左右。

Shanghai Meluck Zhejiang Division—Zhejiang Bingfeng Air condition company located in Science & Technology Ind. Zone, Kanman, Yunhuan, Taizhou city with 15 Acre, mainly specialized in producing “BINGFENG” pressure vessels like shell and tube condenser, dry evaporator, liquid receiver etc. The annual output is about U.S. Dollar 9 million.



Enterprise Qualification

不断创新
Innovation

确保客户对我们的产品满意
for the customer's satisfaction

被我们的服务感动，争创名优！
With our excellent service and product



企业营业执照
Company Business License



中国制冷协会会员证书
Membership Certificate for Chinese Association of Refrigeration



农业机械推广证书
Certificate for Agricultural Machine Promotion



农业机械推广证书
Certificate for Agricultural Machine Promotion



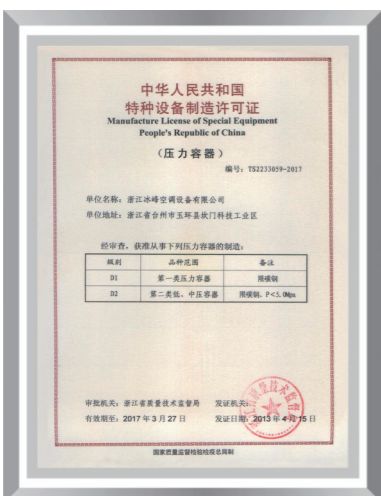
全国工业产品生产许可证
The National License for Industrial Product Manufacturing



空调安装维修资质证书
Certificate for Air Conditioning Installation and Maintenance



全国工业产品生产许可证
The National License for Industrial Product Manufacturing



压力容器制造许可证
The National License for Special Vessel Manufacturing



ISO质量体系认证
ISO Quality System Registration Certificate



ISO质量体系认证
ISO Quality System Registration Certificate

Advanced Machines Guarantee High Quality

先进的设备和精湛的生产工艺，
铸就了美乐柯产品的优秀品质！

Advance equipment created excellent production
and high quality of Meluck products.



静电粉末喷涂生产线
Static electricity powder painting production line



数控弯管机
Digital Pipe Bender



喷砂设备
Sand blast equipment



卧式胀管机
Horizontal Type Pipe Expansion Machine



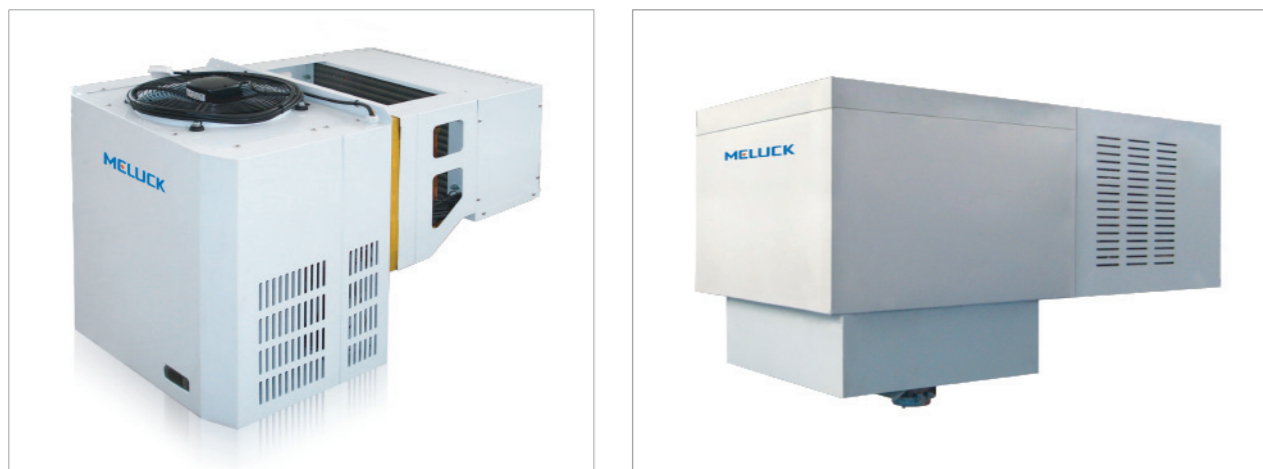
四柱油压机
4 Column Oil Pressing Machine



高速翅片冲床
High Speed Fin Punching Machine

整体式库用冷冻机 LYJ Series Mono-blocks for Cold Storage

产品特点 Product features:



为了适应冷库设备新的市场发展需要，本公司隆重推出的LYJ系列整体式库用冷冻机（又称冷库一体机），该设备可分别满足于-5~5℃、-15~-20℃的微型和小型冷库使用，可广泛应用于宾馆、饭店、食品、卫生、医药等行业物品保鲜及低温冷藏的需要。

该系列产品具有如下特点：

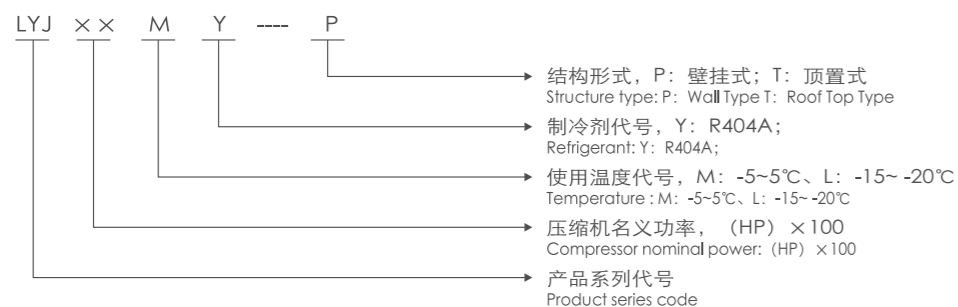
- 结构紧凑、形式新颖，将蒸发器、冷凝器、压缩机、电控等设计成整体紧凑结构，缩小了安装空间；
- 使用知名品牌全封闭制冷压缩机，主机性能好、噪音低、可靠性高；
- 使用高效内螺纹铜管铝片式换热器、换热效率高；
- 全自动智能化电控，具有温度设置、控温、自动除霜等功能；
- 机组具有过热、过载、缺相、系统高低压等多种保护；
- 全新的安装模式，安装使用极为方便，安装时只需要在库体上开洞将机组嵌入，接上电源即可。

LYJ mono blocks have 2 sub series product, one is wall mounting type, and the other is roof top type or ceiling mounting type, can be used for small cold rooms of temperature of -5℃~5℃ or -15℃~-20℃, in hotels, restaurants, medicines, agricultural, chemicals industries all other place where cold storage is needed.

All the product features:

- It is compact in structure, save installation space. That integrates evaporator, condenser, compressor, electrical control units into one compact body.
- With world famous brand hermetic compressors and refrigeration parts for all products;
- Heat exchangers with high efficient in grooved copper tube and aluminum fins;
- Intellectual controls with automatic temperature set, temperature control and automatic defrosting.
- Protection devices for over loading, sub-heating, lack of phase, high & low pressure etc.
- Easy, labor saving for installation;
- Hot gas defrosting
- Refrigerant R404a

型号说明 Model code



壁挂式技术参数 Wall Mount type Specification:

型号 Model	LYJ33MY-P	LYJ50MY-P	LYJ63MY-P	LYJ100MY-P	LYJ125MY-P	LYJ175MY-P	LYJ200MY-P	LYJ275MY-P	LYJ350MY-P
制冷量(W) Capacity	530	810	1050	1560	2230	2950	3250	4400	5200
输入功率(kW) Input	0.68	0.85	1.1	1.3	1.75	2.52	2.61	3.33	4.2
电源 Power supply	220V/单相/50HZ (220V/1P/50HZ)							380V /50HZ	
适用温度(℃) Tem range	0~5								
冷凝风机 (W) Cond fan	1×75	1×75	1×75	1×80	1×80	1×155	1×155	2×80	2×80
蒸发风机 (W) Evap fan	1×75	1×75	1×75	1×80	1×80	1×155	1×155	2×80	2×80
除霜方式 Defrost type	电热 Electrical heating								
节流形式 Throttling	膨胀阀 Expansion valve								
制冷剂 Refrigerant	R404A								
重量(kg) WT	57	60	62	87	90	117	120	150	155

型号 Model	LYJ50LY-P	LYJ63LY-P	LYJ100LY-P	LYJ150LY-P	LYJ200LY-P	LYJ300LY-P	LYJ400LY-P
制冷量(W) Capacity	550	660	750	1050	1580	2060	3100
输入功率(kW) Input	0.63	0.71	1.04	1.35	2.01	2.63	3.26
电源 Power supply	220V/单相/50HZ (220V/1P/50HZ)					380V /50HZ	
适用温度(℃) Tem range	-15~-20						
冷凝风机 (W) Cond fan	1×75	1×75	1×80	1×80	1×155	1×155	2×80
蒸发风机 (W) Evap fan	1×75	1×75	1×80	1×80	1×155	1×155	2×80
除霜方式 Defrost type	电热 Electrical heating						
节流形式 Throttling	膨胀阀 Expansion valve						
制冷剂 Refrigerant	R404A						
重量(kg) WT	60	62	88	92	123	128	160

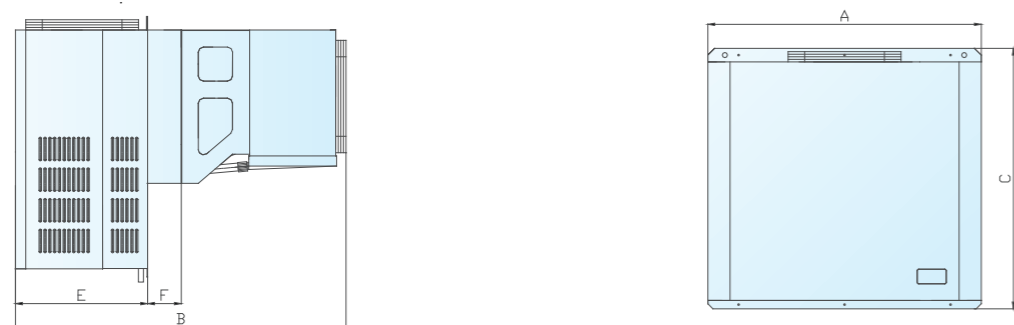
说明: LYJ××MY型机组标定工况为蒸发温度-7℃、冷凝温度45℃, LYJ××LY型机组标定工况为蒸发温度-25℃、冷凝温度45℃

Note: The Capacity test condition of LYJ××MY is: Te/Tcon:-7℃/45℃, The Capacity test condition of LYJ××LY is: Te/Tcon:-25℃/45℃.

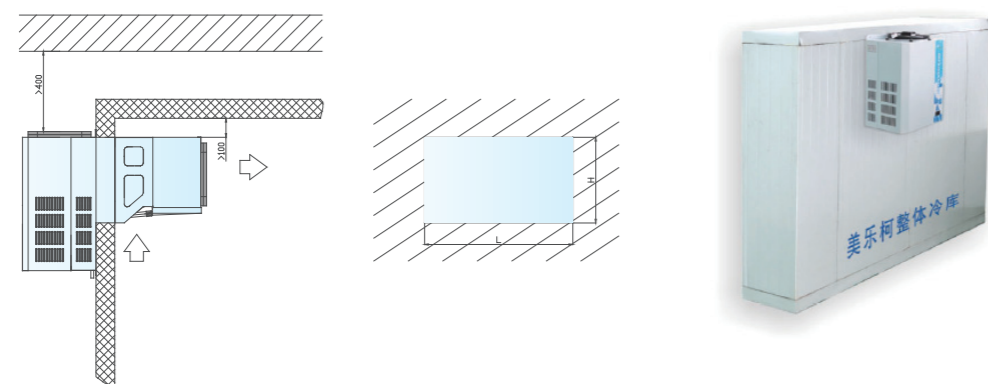
整体式库用冷冻机 LYJ Series Mono-blocks for Cold Storage

壁挂式外形及安装尺寸 Overall and installation demensions:

1). 外形结构尺寸示意图 Overall structure sizes:



2). 安装及开孔尺寸示意图 Installation and hole sizes:



型号 Model	LYJ33MY-P	LYJ50MY-P	LYJ63MY-P	LYJ100MY-P	LYJ125MY-P	LYJ175MY-P	LYJ200MY-P	LYJ275MY-P	LYJ350MY-P
A	490	490	490	620	620	800	800	1090	1090
B	1000	1000	1000	1020	1020	1020	1020	1020	1020
C	730	730	730	765	765	805	805	805	805
E	340	340	340	390	390	390	390	390	390
F	100	100	100	100	100	100	100	100	100
L	445	445	445	575	575	755	755	1045	1045
H	360	360	360	455	455	455	455	455	455

型号 Model	LYJ50LY-P	LYJ63LY-P	LYJ100LY-P	LYJ150LY-P	LYJ200LY-P	LYJ300LY-P	LYJ400LY-P
A	490	490	620	620	800	800	1090
B	1050	1050	1070	1070	1070	1070	1070
C	730	730	765	765	805	805	805
E	340	340	390	390	390	390	390
F	150	150	150	150	150	150	150
L	445	445	575	575	755	755	1045
H	360	360	455	455	455	455	455

顶置式技术参数 Roof top type Specification:

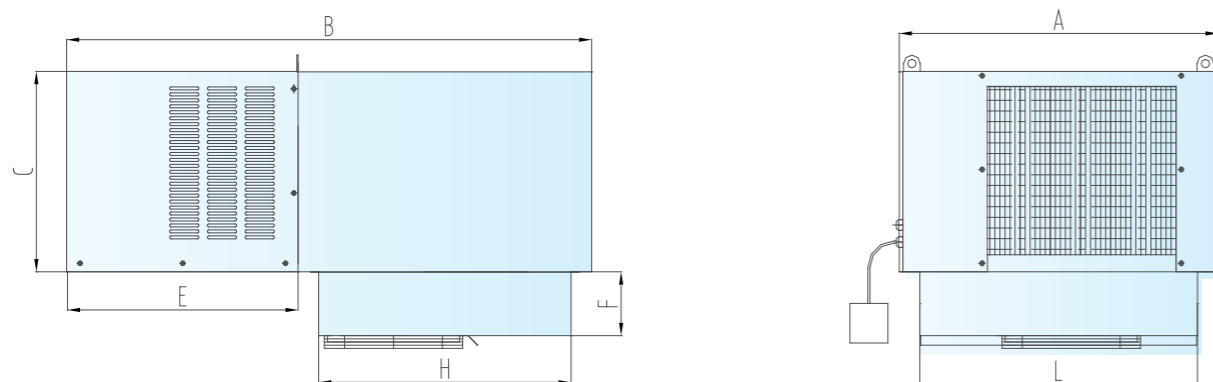
型号 Model	LYJ50MY-T	LYJ63MY-T	LYJ100MY-T	LYJ125MY-T	LYJ200MY-T
制冷量(W) Capacity	810	1050	1560	2230	3050
输入功率(kW) Input	0.85	1.1	1.3	1.75	2.1
电源 Power supply	220V/单相/50HZ (220V/1P/50HZ)				
适用温度(°C) Tem range	0~5				
冷凝风机 (W) Cond fan	1×75	1×75	1×80	1×80	1×155
蒸发风机 (W) Evap fan	1×75	1×75	1×80	1×80	1×155
除霜方式 Defrost type					热气 hot gas
节流形式 Throttling	膨胀阀 Expansion valve				
制冷剂 Refrigerant	R404A				
重量(kg) WT					

型号 Model	LYJ50LY-T	LYJ63LY-T	LYJ100LY-T	LYJ150LY-T	LYJ200LY-T	LYJ300LY-T
制冷量(W) Capacity	550	660	750	1050	1580	2060
输入功率(kW) Input	0.63	0.71	1.04	1.35	1.91	2.3
电源 Power supply	220V/单相/50HZ (220V/1P/50HZ)					
适用温度(°C) Tem range	-18~-20					
冷凝风机 (W) Cond fan	1×75	1×75	1×80	1×80	1×155	1×155
蒸发风机 (W) Evap fan	1×75	1×75	1×80	1×80	1×155	1×155
除霜方式 Defrost type						热气 hot gas
节流形式 Throttling	膨胀阀 Expansion valve					
制冷剂 Refrigerant	R404A					
重量(kg) WT						

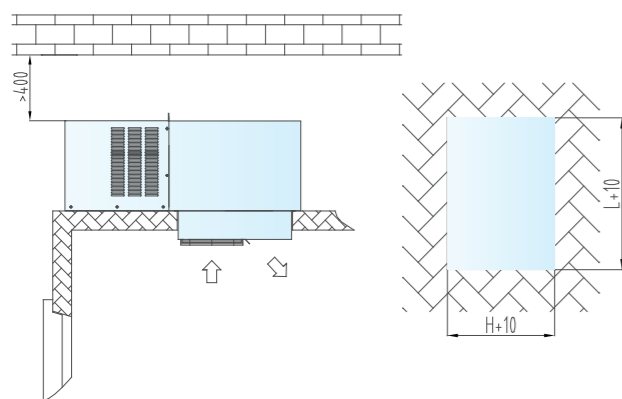
说明: LYJ××MY型机组标定工况为蒸发温度-7°C、冷凝温度45°C, LYJ××LY型机组标定工况为蒸发温度-25°C、冷凝温度45°C
 Note: The capacity condition test of LYJ××MY is T/Tcon-7°C/45°C, The capacity condition test of LYJ××LY is T/Tcon-25°C/45°C

顶置式外形及安装尺寸Overall and installation demensions:

1). 外形结构尺寸示意图 Overall structure sizes:



2). 安装及开孔尺寸示意图 Installation and hole sizes:



型号 Model	LYJ50MY-T LYJ63MY-T LYJ50LY-T LYJ63LY-T	LYJ100MY-T LYJ125MY-T LYJ100LY-T LYJ150LY-T	LYJ200MY-T LYJ200LY-T LYJ300LY-T
A	500	630	830
B	1031	1200	1200
C	371	421	471
E	481	532	532
F	150	150	150
L	402	532	732
H	452	552	552

选型参考Type choosing reference:

1、LYJ××MY型机组参考选型LYJ××MY unit reference:

机组型号 Model	LYJ33MY	LYJ50MY	LYJ63MY	LYJ100MY	LYJ125MY	LYJ175MY	LYJ200MY	LYJ275MY	LYJ350MY
适用温度(°C) Room Temperature	0-5								
适用库内容积(m³) Cold Room Volume	3	5	7	10	18	24	30	40	50

选型条件:环境温度32℃, 库体100mm聚氨脂。进货温度<25℃、日进货量<15%、以水果为参照储存物。
Choosing condition: Ambient Temperature is 32℃, PU panel 100mm. Temperature of goods in <25℃、Quantity of goods daily<15%, the fruits as the cold reference.

2、LYJ××LY型机组参考选型LYJ××LY unit reference:

机组型号 Model	LYJ50LY	LYJ63LY	LYJ100LY	LYJ150LY	LYJ200LY	LYJ300LY	LYJ400LY
适用温度(°C) Room Temperature	-18						
适用库内容积(m³) Cold Room Volume	2	3	5	6	10	20	35

选型条件:环境温度32℃, 库体100mm聚氨脂。进货温度<-10℃、日进货量<15%、以冻肉类制品为参照储存物。
Choosing condition: Ambient Temperature is 32℃, PU panel 100mm. Temperature of goods in <-10℃、Quantity of goods daily <15%, the frozen meat products as the cold reference.

注意: 以上仅供简单选型参考, 用户应根据具体使用条件进行核算确定!
Note: Up information only for simple choosing condition as referencee, users should calculate and certain it according to the detail using condition.

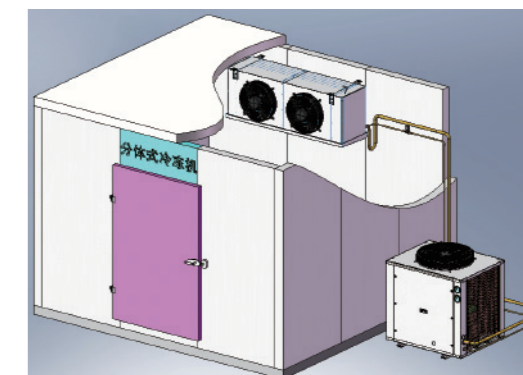
分体单元式库用冷冻机 LFJ Series Split Type Cold Room Units

产品特点 Product description

为了适应冷库设备新的市场发展需要, 本公司隆重推出的LFJ系列分体单元式库用冷冻机(又称冷库分体机), 该设备可分别满足于0℃或-18℃左右的冷库使用, 可广泛应用于宾馆、饭店、食品、卫生、医药、农业、化工等行业。

该系列产品具有如下特点:

- 该产品由室外冷凝机组单元、库内蒸发器单元所组成, 采用分体式结构;
- 压缩机采用谷轮冷冻涡旋压缩机或比泽尔半封闭压缩机, 主机性能好、噪音低、可靠性高, 用户可根据个人爱好选择;
- 冷凝机组单元采用带外壳的箱型结构, 内部安装有机组电器及库温控制器, 用户无需再另配电器;
- 蒸发器单元内置热力膨胀阀、排水管发热线及回油弯附件;
- 机组具有过热、过载、缺相、防频繁启动、排气温度、系统高低压等多种保护及机组运行故障查询及报警功能;
- 具有冷凝风机控制, 根据冷凝温度的变化调节冷凝风机速度;
- 全自动智能化电控, 具有温度显示设置、控温、自动电热除霜等功能, 操作面板与机组分离安装, 可安装于任何方便操作及监控的地方;
- 安装方便, 用户无需再去购买膨胀阀、电磁阀、电控等制冷配件, 只要简单接管、接线、排空、加氟, 即可使用。



In order to satisfy the developing market of cold storage, we especially promot our LFJ series Box Split Type Cold Room Units(also Cold Room Split Unit), this unit satisfy the using of about 0℃ and -18℃ cold rooms, it could use for Restraut, Hotel, foods, medicines, chemicals industries and all the places of where need the low temperature.

This series has following features:

- This product is combined by outdoor condensor unit and indoor evaporator, it is split structure.
- With Coepland frozen scroll compressor and Bitzer Semi-hermetic compressor, good performance, low voice, high reliability, users could choose the compressor which they like.
- Condenser is box type with shell, installed electrical and Temperature controller, users do not need install it separately.
- Installed hot expansion valve, discharge tube, grainage heating wire, oil elbow accessories.
- Units have the protection functions of sub-heating, overloading, lack of phase, phase sequence, discharge Temperature, high/low pressure, operating fault checking, alarming etc.
- With condenser fan controller, change the speed of condenser fan according to condenser Temperature.
- Intellectual controls with automatic Temperature show set, Temperature control, defrosting etc., operate panel is separate with the unit, it could be installed any place where operate and wacth it conveniently.
- Install conveniently, users do not need buy expansion valves, solenoid valve, electrical controller etc. accessories, only need connect tubes, wires, discharge, F charge, then it is ok for using.

型号说明 Model code



分体单元式库用冷冻机 LFJ Series Split Type Cold Room Units

涡旋压缩机产品系列Scroll Type Units

R22

1). 中温机组Midium temperature units:

型号 Model	LFJ02MQ	LFJ03MQ	LFJ04MQ	LFJ05MQ	LFJ06MQ	LFJ07MQ	LFJ08MQ	LFJ09MQ	LFJ10MQ	LFJ12MQ	LFJ13MQ	LFJ15MQ
压缩机型号 Compressor	ZB15KQ	ZB21KQ	ZB29KQ	ZB38KQ	ZB45KQ	ZB48KQ	ZB58KQ	ZB66KQ	ZB76KQ	ZB88KQ	ZB95KQ	ZB114KQ
制冷量(W) Capacity	3550	5160	6930	8610	10450	11500	13200	15500	18300	20800	21500	25700
输入功率(kW) Input	1.75	2.47	3.18	3.87	4.67	5.09	6.37	6.92	8.55	9.49	10.6	12.9
电源 Power Supply	380V/3相/50HZ (380V/3P/50HZ)											
适用温度(°C) Room Tem	-2~5											
冷凝风机 (W) Cond fan	1×60	1×60	1×60	2×60	2×60	2×60	1×550	1×550	1×550	1×550	2×420	2×420
蒸发风机 (W) Evap Fan	2×90	2×90	2×140	2×140	2×180	2×180	2×180	2×180	2×450	2×450	3×250	3×450
风机电压 (V) Fan Voltage	220V/单相/50HZ (220V/1P/50HZ)											
除霜方式 Defrosting Type	电热 Electrical heating											
节流形式 Throttling	热力膨胀阀 Expansion valve											
配管 Pipe	供液管 Liquid in	φ9.52×1	φ9.52×1	φ12×1	φ12×1	φ12×1	φ12×1	φ12×1	φ12×1	φ16×1	φ16×1	φ16×1
	回气管 Gas return	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ28×1.2	φ28×1.2	φ28×1.2	φ28×1.2	φ28×1.2
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
尺寸图形 Size	NO.1						NO.2					

说明: 1) 标定工况为蒸发温度-8℃、蒸发器回风温度0℃、环境温度32℃; 2) 2HP~4HP可采用220v/50HZ, 其中4HP采用220v/50HZ压缩机为ZB26KQ; 3) 2HP~7HP出厂时带制冷剂, 其余不带制冷剂。

Note: 1) On testing condition, Evap temperature is -8℃, Evap return air temperature is 0℃, Ambient temperature is 32℃;
2) 2HP, 4HP Units of 220v/50HZ power supply are available, of which, the compressor model of 220v/50HZ for 4HP is ZB26KQ;
3) All units are delivered without Refrigerant filled excepting for 2hp~7hp Units

2). 低温机组Low temperature units:

型号 Model	LFJ02LQ	LFJ03LQ	LFJ04LQ	LFJ05LQ	LFJ06LQ	LFJ08LQ	LFJ12LQ	LFJ13LQ	LFJ15LQ
压缩机型号 Compressor	ZS106KQ	ZS109KQ	ZS111KQ	ZS115KQ	ZS118KQ	QF125A	QF175A	QF185A	QF205A
制冷量(W) Capacity	1820	2380	3160	4600	5560	8200	10000	11800	13400
输入功率(KW) Input	1.72	2.22	2.61	3.65	4.59	5.91	7.65	8.85	9.6
电源 Power Supply	380V/3相/50HZ(380V/3P/50HZ)								
适用温度(°C) Room Tem	-18~-20								
冷凝风机 (W) Cond fan	1×60	1×60	1×60	2×60	2×60	1×550	1×550	1×550	1×550
蒸发风机 (W) Evap Fan	1×90	2×90	2×90	2×140	2×180	2×180	2×450	2×450	3×250
风机电压 (V) Fan Voltage	220V/单相/50HZ								
除霜方式 Defrosting Type	电热 Electrical heating								
节流形式 Throttling	热力膨胀阀 Expansion valve								
配管 Pipe	供液管 Liquid in	φ9.52×1	φ9.52×1	φ9.52×1	φ12×1	φ12×1	φ16×1	φ16×1	φ16×1
	回气管 Gas return	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ28×1.2	φ28×1.2	φ28×1.2
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"
尺寸图形 Size	NO.1					NO.2			

说明: 1) 标定工况为蒸发温度-25℃、蒸发器回风温度18℃、环境温度32℃; 2) 2HP~6HP出厂时带制冷剂, 其余不带制冷剂。

Note: 1) On testing condition, Evap temperature is -25℃, Evap return air temperature is 18℃, Ambient temperature is 32℃;
2) All units are delivered without Refrigerant filled excepting for 2hp~6hp Units

涡旋压缩机产品系列Scroll Type Units

R404A

1). 中温机组Midium temperature units:

型号 Model	LFJ02MQY	LFJ03MQY	LFJ04MQY	LFJ05MQY	LFJ06MQY	LFJ07MQY	LFJ08MQY	LFJ09MQY	LFJ10MQY	LFJ13MQY	LFJ15MQY
压缩机型号 Compressor	ZB15KQE	ZB21KQE	ZB29KQE	ZB38KQE	ZB45KQE	ZB48KQE	ZB58KQE	ZB66KQE	ZB76KQE	ZB95KQE	ZB114KQE
制冷量(W) Capacity	3360	5090	6900	8710	10200	11100	13500	15150	18050	22100	26200
输入功率(kW) Input	2.04	2.74	3.66	4.76	5.23	5.7	7.24	7.98	9.7	12.24	14.84
电源 Power Supply	380V/3相/50HZ										
适用温度(°C) Room Tem	-2~5										
冷凝风机 (W) Cond fan	1×60	1×60	1×60	2×60	2×60	2×60	1×550	1×550	1×550	2×420	2×420
蒸发风机 (W) Evap Fan	2×90	2×90	2×140	2×140	2×180	2×180	2×180	2×180	2×450	3×250	3×450
风机电压 (V) Fan Voltage	220V/单相/50HZ										
除霜方式 Defrosting Type	电热 Electrical heating										
节流形式 Throttling	热力膨胀阀 Expansion valve										
配管 Pipe	供液管 Liquid in	φ9.52×1	φ9.52×1	φ12×1	φ12×1	φ12×1	φ12×1	φ16×1	φ16×1	φ16×1	φ16×1
	回气管 Gas return	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ28×1.2	φ28×1.2	φ28×1.2	φ28×1.2
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"
尺寸图形 Size	NO.1						NO.2				

说明: 1) 标定工况为蒸发温度-8℃、蒸发器回风温度0℃、环境温度32℃; 2) 2HP~4HP可采用220v/50HZ, 其中4HP采用220v/50HZ压缩机为ZB26KQE; 3) 2HP~7HP出厂时带制冷剂, 其余不带制冷剂。

Note: 1) On testing condition, Evap temperature is -8℃, Evap return air temperature is 0℃, Ambient temperature is 32℃;
2) 2HP, 4HP Units of 220v/50HZ power supply are available, of which, the compressor model of 220v/50HZ for 4HP is ZB26KQE;
3) All units are delivered without Refrigerant filled excepting for 2hp~7hp Units

2). 低温机组Low temperature units:

型号 Model	LFJ02LQY	LFJ03LQY	LFJ04LQY	LFJ05LQY	LFJ06LQY	LFJ08LQY	LFJ12LQY	LFJ13LQY	LFJ15LQY
压缩机型号 Compressor	ZS106KQE	ZS109KQE	ZS111KQE	ZS115KQE	ZS118KQE	QF125AE	QF175AE	QF185AE	QF205AE
制冷量(W) Capacity	1870	2640	3350	4820	5900	9400	11100	12400	14200
输入功率(kW) Input	1.88	2.45	2.82	3.92	4.77	6.71	8.35	9.25	10.5
电源 Power Supply	380V/3相/50HZ								
适用温度(°C) Room Tem	-18~-20								
冷凝风机 (W) Cond fan	1×60	1×60	1×60	2×60	2×60	1×550	1×550	1×550	1×550
蒸发风机 (W) Evap Fan	1×90	2×90	2×90	2×140	2×180	2×180	2×450	2×450	2×250
风机电压 (V) Fan Voltage	220V/单相/50HZ								
除霜方式 Defrosting Type	电热 Electrical heating								
节流形式 Throttling	热力膨胀阀 Expansion valve								
配管 Pipe	供液管 Liquid in	φ9.52×1	φ9.52×1	φ9.52×1	φ12×1	φ12×1	φ16×1	φ16×1	φ16×1
	回气管 Gas return	φ19×1	φ19×1	φ19×1	φ19×1	φ19×1	φ28×1.2	φ28×1.2	φ28×1.2
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"
尺寸图形 Size	NO.1					NO.2			

说明: 1) 标定工况为蒸发温度-25℃、蒸发器回风温度18℃、环境温度32℃; 2) 2HP~6HP出厂时带制冷剂, 其余不带制冷剂。

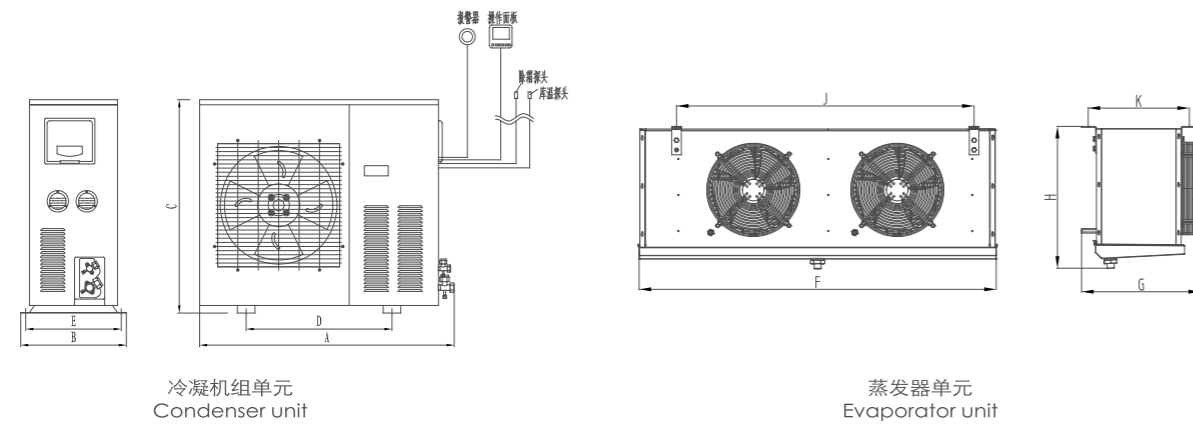
Note: 1) On testing condition, Evap temperature is -25℃, Evap return air temperature is 18℃, Ambient temperature is 32℃;
2) All units are delivered without Refrigerant filled excepting for 2hp~6hp Units

分体单元式库用冷冻机 LFJ Series Split Type Cold Room Units

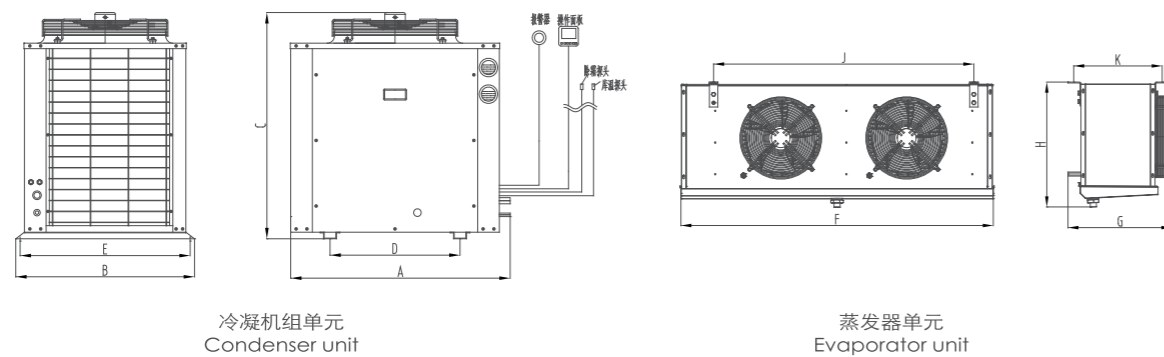
涡旋压缩机产品系列Scroll Type Units

机组外形尺寸示意图Diagrams for units overall sizes:

图形NO.1:



图形NO.2:



涡旋压缩机产品系列Scroll Type Units

尺寸表Sizes:

型号 Model	A	B	C	D	E	F	G	H	J	K
LFJ02MQ(Y)	1020	420	840	580	380	1092	445	485	860	364
LFJ03MQ(Y)	1020	420	840	580	380	1108	455	485	860	384
LFJ04MQ(Y)	1020	420	840	580	380	1408	455	485	1160	384
LFJ05MQ(Y)	1020	420	1240	580	380	1408	455	485	1160	384
LFJ06MQ(Y)	1020	420	1240	580	380	1488	555	585	1240	484
LFJ07MQ(Y)	1020	420	1240	580	380	1488	555	685	1240	484
LFJ08MQ(Y)	1017	825	1035	570	785	1488	555	585	1240	484
LFJ09MQ(Y)	1017	825	1035	570	785	1488	555	585	1240	484
LFJ10MQ(Y)	1017	825	1035	570	785	1758	555	685	1480	484
LFJ12MQ	1017	825	1035	570	785	1758	555	685	1480	484
LFJ13MQ(Y)	1404	825	1025	950	785	2121	595	685	1800	502
LFJ15MQ(Y)	1404	825	1025	950	785	2400	595	685	2080	502
LFJ02LQ(Y)	1020	420	840	580	380	642	445	485	440	364
LFJ03LQ(Y)	1020	420	840	580	380	1092	445	485	860	364
LFJ04LQ(Y)	1020	420	840	580	380	1108	455	485	860	384
LFJ05LQ(Y)	1020	420	1240	580	380	1408	455	485	1160	384
LFJ06LQ(Y)	1020	420	1240	580	380	1488	555	585	1240	484
LFJ08LQ(Y)	1017	825	1035	570	785	1488	555	585	1240	484
LFJ12LQ(Y)	1017	825	1035	570	785	1758	555	685	1480	484
LFJ13LQ(Y)	1017	825	1035	570	785	1758	555	685	1480	484
LFJ15LQ(Y)	1017	825	1035	570	785	2121	595	685	1800	502

分体单元式库用冷冻机 LFJ Series Split Type Cold Room Units

半封闭压缩机产品系列Semi-hermetic Type Units

R22

1). 中温机组Midium temperature units:

型号 Model	LFJ03MB	LFJ04MB	LFJ05MB	LFJ06MB	LFJ07MB	LFJ09MB	LFJ12MB	LFJ15MB	LFJ20MB	LFJ25MB	LFJ30MB
压缩机型号 Compressor	2DES-3	2CES-4	4FES-5	4EES-6	4DES-7	4CES-9	4TES-12	4PES-15	4NES-20	4HE-25	4GE-30
制冷量(W) Capacity	6910	8520	9050	11520	13780	17010	22100	25200	29800	39800	46300
输入功率(kW) Input	3.37	4.02	4.27	5.51	6.39	8.38	10.1	11.84	13.72	18.07	20.85
电源 Power Supply	380V/3相/50HZ										
适用温度(°C) Room Tem	-2~5										
冷凝风机 (W) Cond fan	1×240	1×240	1×240	1×460	1×460	1×550	2×460	2×460	2×550	2×780	2×780
蒸发风机 (W) Evap Fan	2×140	2×140	2×180	2×180	2×180	2×450	3×250	3×450	3×450	3×450	4×450
风机电压 (V) Fan Voltage	220V/单相/50HZ										
除霜方式 Defrosting Mode	电热 Electrical heating										
节流形式 Throttling	热力膨胀阀 Expansion valve										
配管 Pipe	供液管 Liquid in	φ12×1	φ12×1	φ12×1	φ12×1	φ12×1	φ16×1	φ16×1	φ22×1	φ22×1	φ22×1
	回气管 Gas return	φ22×1	φ22×1	φ22×1	φ28×1.2	φ28×1.2	φ28×1.2	φ35×1.5	φ42×1.5	φ42×1.5	φ54×1.5
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"

说明: 1) 标定工况为蒸发温度-8°C、蒸发器回风温度0°C、环境温度32°C; 2) 机组出厂时不带制冷剂。

Note: 1) On testing condition, Evap temperature is -8°C、Evap return air temperature is 0°C、Ambinet temperature is 32°C;

2) only 2HP, 3HP units with 1P power; 3) The units without refrigerant when shipping

半封闭压缩机产品系列Semi-hermetic Type Units

R404A

2). 低温机组Low temperature units:

型号 Model	LFJ04LBY	LFJ05LBY	LFJ06LBY	LFJ09LBY	LFJ12LBY	LFJ14LBY	LFJ18LBY	LFJ23LBY	LFJ28LBY	LFJ34LBY	
压缩机型号 Compressor	4EES-4Y	4DES-5Y	4CES-6Y	4TES-9Y	4PES-12Y	4NES-14Y	4HE-18Y	4GE-23Y	4FE-28Y	6GE-34Y	
制冷量(W) Capacity	4940	5900	7040	8620	9500	11700	16690	19670	23500	29700	
输入功率(kW) Input	4.36	5.15	5.96	7.26	8.33	10.03	14.27	16.54	19.38	25.16	
电源 Power Supply	380V/3相/50HZ (380V/3P/50HZ)										
适用温度(°C) Room Tem	-15~-20										
冷凝风机 (W) Cond fan	1×240	1×240	1×240	1×550	1×550	1×550	2×460	2×460	2×550	2×780	
蒸发风机 (W) Evap Fan	2×140	2×180	2×180	2×180	2×450	2×450	3×450	3×450	3×450	4×450	
风机电压 (V) Fan Voltage	220V/单相/50HZ (220V/1P/50HZ)										
除霜方式 Defrosting Type	电热 Electrical heating										
节流形式 Throttling	热力膨胀阀 Expansion valve										
配管 Pipe	供液管 Liquid in	φ12×1	φ12×1	φ12×1	φ16×1	φ16×1	φ16×1	φ16×1	φ22×1	φ22×1	φ22×1
	回气管 Gas return	φ28×1.2	φ28×1.2	φ28×1.2	φ35×1.5	φ35×1.5	φ35×1.5	φ35×1.5	φ42×1.5	φ42×1.5	φ54×1.5
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"

说明: 1) 标定工况为蒸发温度-25°C、蒸发器回风温度-18°C、环境温度32°C; 2) 机组出厂时不带制冷剂;

Note: 1) On testing condition, Evap temperature is -25°C、Evap return air temperature is -18°C、Ambinet temperature is 32°C;

2) The units without refrigerant when shipping.

1). 中温机组Midium temperature units:

R404A

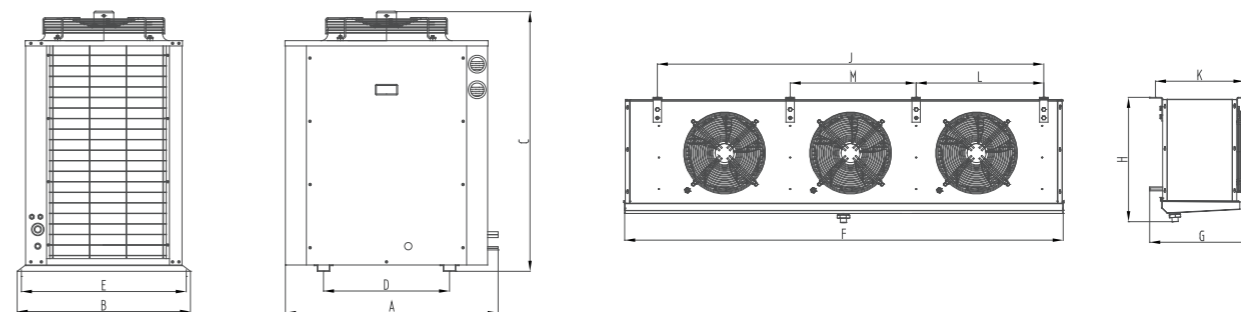
型号 Model	LFJ02MBY	LFJ03MBY	LFJ04MBY	LFJ05MBY	LFJ06MBY	LFJ09MBY	LFJ12MBY	LFJ14MBY	LFJ18MBY	LFJ23MBY	
压缩机型号 Compressor	2DES-2Y	2CES-3Y	4EES-4Y	4DES-5Y	4CES-6Y	4TES-9Y	4PES-12Y	4NES-14Y	4HE-18Y	4GE-23Y	
制冷量(W) Capacity	6810	8420	11570	13820	16730	21100	24000	28700	38700	44900	
输入功率(kW) Input	3.76	4.49	6.33	7.33	9.21	11.31	12.96	15.41	20.41	24.26	
电源 Power Supply	380V/3相/50HZ (380V/3P/50HZ)										
适用温度(°C) Room Tem	-2~5										
冷凝风机 (W) Cond fan	1×240	1×240	1×460	1×460	1×550	2×460	2×460	2×550	2×780	2×780	
蒸发风机 (W) Evap Fan	2×140	2×140	2×180	2×180	2×450	3×250	3×450	3×450	3×450	4×450	
风机电压 (V) Fan Voltage	220V/单相/50HZ (220V/1P/50HZ)										
除霜方式 Defrosting Type	电热 Electrical heating										
节流形式 Throttling	热力膨胀阀 Expansion valve										
配管 Pipe	供液管 Liquid in	φ12×1	φ12×1	φ12×1	φ12×1	φ12×1	φ16×1	φ16×1	φ22×1	φ22×1	φ22×1
	回气管 Gas return	φ22×1	φ22×1	φ28×1.2	φ28×1.2	φ28×1.2	φ35×1.5	φ35×1.5	φ35×1.5	φ42×1.5	φ54×1.5
	蒸发器排水 Drainage	1"	1"	1"	1"	1"	1"	1"	1"	1"	1"

说明: 1) 标定工况为蒸发温度-8°C、蒸发器回风温度0°C、环境温度32°C; 2) 机组出厂时不带制冷剂。

Note: 1) On testing condition, Evap temperature is -8°C、Evap return air temperature is 0°C、Ambinet temperature is 32°C;

2) The units without refrigerant when shipping.

机组外形尺寸示意图Diagrams for units overall sizes:



冷凝机组单元
Condenser unit

蒸发器单元
Evaporator unit

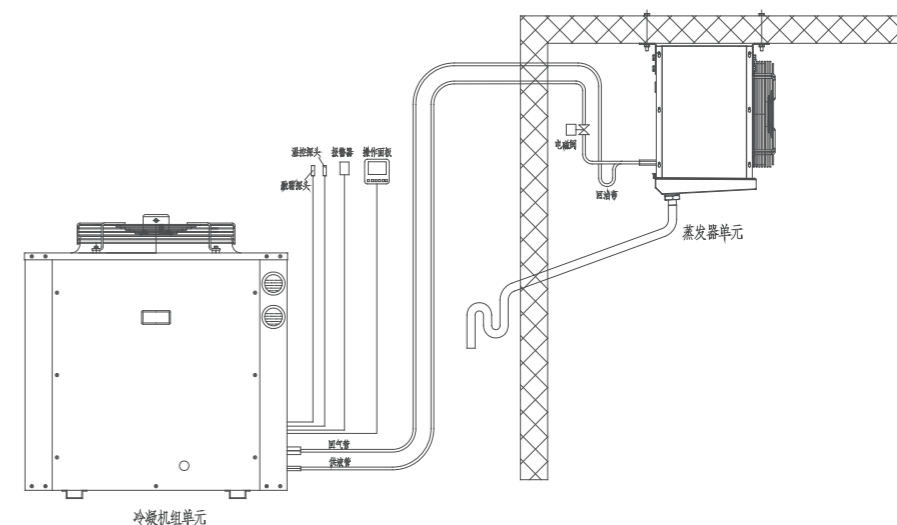
分体单元式库用冷冻机 LFJ Series Split Type Cold Room Units

半封闭压缩机产品系列 Semi-hermetic Type Units

尺寸表 Sizes:

型号 Model	A	B	C	D	E	F	G	H	J	K	L	M
LFJ03MB	1017	675	815	570	635	1408	455	485	1160	384	-	-
LFJ04MB	1017	675	815	570	635	1408	455	485	1160	384	-	-
LFJ05MB	1017	675	815	570	635	1488	555	585	1240	484	-	-
LFJ06MB	1017	825	1035	570	785	1488	555	685	1240	484	-	-
LFJ07MB	1017	825	1035	570	785	1488	555	585	1240	484	-	-
LFJ09MB	1017	825	1035	570	785	1758	555	685	1480	484	-	-
LFJ12MB	1404	825	1235	950	785	2121	595	685	1800	502	627	587
LFJ15MB	1404	825	1235	950	785	2400	595	685	2080	502	720	680
LFJ20MB	1920	925	1235	755*2	885	2704	595	685	2374	502	818	778
LFJ25MB	1920	925	1235	755*2	885	2704	595	685	2374	502	818	778
LFJ30MB	1920	925	1235	755*2	885	3938	785	695	3600	682	930	855
LFJ02MBY	1017	675	815	570	635	1408	455	485	1160	384	-	-
LFJ03MBY	1017	675	815	570	635	1408	455	485	1160	384	-	-
LFJ04MBY	1017	825	1035	570	785	1488	555	685	1240	484	-	-
LFJ05MBY	1017	825	1035	570	785	1488	555	585	1240	484	-	-
LFJ06MBY	1017	825	1035	570	785	1758	555	685	1480	484	-	-
LFJ09MBY	1404	825	1235	950	785	2121	595	685	1800	502	627	587
LFJ12MBY	1404	825	1235	950	785	2400	595	685	2080	502	720	680
LFJ14MBY	1920	925	1235	755*2	885	2704	595	685	2374	502	818	778
LFJ18MBY	1920	925	1235	755*2	885	2704	595	685	2374	502	818	778
LFJ23MBY	1920	925	1235	755*2	885	3938	785	695	3600	682	930	885
LFJ04LBY	1017	675	815	570	635	1408	455	485	1160	384	-	-
LFJ05LBY	1017	675	815	570	635	1488	555	585	1240	484	-	-
LFJ06LBY	1017	675	815	570	635	1488	555	685	1240	484	-	-
LFJ09LBY	1017	825	1235	570	785	1488	555	585	1240	484	-	-
LFJ12LBY	1017	825	1235	570	785	1758	555	685	1480	484	-	-
LFJ14LBY	1017	825	1235	570	785	1758	555	685	1480	484	-	-
LFJ18LBY	1404	825	1235	950	785	2400	595	685	2080	502	720	680
LFJ23LBY	1404	825	1235	950	785	2704	595	685	2374	502	818	778
LFJ28LBY	1920	925	1235	755*2	885	2704	595	685	2374	502	818	778
LFJ34LBY	1920	925	1235	755*2	885	3938	785	695	3600	682	930	885

机组安装示意图 Diagram of install



机组选型参考 Type choosing reference:

1、LFJ × × MQ 型机组参考选型 LFJ × × MQ unit choosing reference:

机组型号 Model	LFJ02MQ(Y)	LFJ03MQ(Y)	LFJ04MQ(Y)	LFJ05MQ(Y)	LFJ06MQ(Y)	LFJ07MQ(Y)
适用温度(°C) Room Temperature	0-5					
适用库内容积(m³) Cold Room Volume	35	55	75	100	115	130
机组型号 Model	LFJ08MQ(Y)	LFJ09MQ(Y)	LFJ10MQ(Y)	LFJ12MQ	LFJ13MQ(Y)	LFJ15MQ(Y)
适用温度(°C) Room Temperature	0-5					
适用库内容积(m³) Cold Room Volume	150	175	210	240	260	320

选型条件:环境温度32°C, 库体100mm聚氨脂。进货温度<25°C、日进货量<15%、以水果为参照储存物。
Choosing condition: Ambient Temperature is 32°C, PU panel 100mm. Temperature of goods in <-10°C、Quantity of goods daily <15%, the frozen meat products as the cold reference.

2、LFJ × × LQ 型机组参考选型 LFJ × × LQ unit choosing reference:

机组型号 Model	LFJ02LQ(Y)	LFJ03LQ(Y)	LFJ04LQ(Y)	LFJ05LQ(Y)	LFJ06LQ(Y)
适用温度(°C) Room Temperature	-18				
适用库内容积(m³) Cold Room Volume	15	25	35	45	50
机组型号 Model	LFJ08LQ(Y)	LFJ10LQ(Y)	LFJ13LQ(Y)	LFJ15LQ(Y)	
适用温度(°C) Room Temperature	-18				
适用库内容积(m³) Cold Room Volume	70	100	130	160	

选型条件:环境温度32°C, 库体100mm聚氨脂。进货温度<-10°C、日进货量<15%、以冻肉类冻品为参照储存物。
Choosing condition: Ambient Temperature is 32°C, PU panel 100mm. Temperature of goods in <-10°C、Quantity of goods daily <15%, the frozen meat products as the cold reference.

分体单元式库用冷冻机 Air Cooled Box Type

机组选型参考Type choosing reference:

3、LFJ××MB型机组参考选型LFJ××MB unit choosing reference:

机组型号 Model	LFJ03MB LFJ02MBY	LFJ04MB LFJ03MBY	LFJ05MB	LFJ06MB LFJ04MBY	LFJ07MB LFJ05MBY	LFJ09MB LFJ06MBY
适用温度(°C) Room Temperature	0-5					
适用库内容积(m³) Cold Room Volume	65	85	100	120	150	180
机组型号 Model	LFJ12MB LFJ09MBY	LFJ15MB LFJ12MBY	LFJ20MB LFJ14MBY	LFJ25MB LFJ18MBY	LFJ30MB LFJ23MBY	
适用温度(°C) Room Temperature	0-5					
适用库内容积(m³) Cold Room Volume	260	320	360	460	560	

4、LFJ××LBY型机组参考选型 LFJ××LBY unit choosing reference:

机组型号 Model	LFJ04LBY	LFJ05LBY	LFJ06LBY	LFJ09LBY	LFJ12LBY
适用温度(°C) Room Temperature	-18				
适用库内容积(m³) Cold Room Volume	50	65	75	100	120
机组型号 Model	LFJ14LBY	LFJ18LBY	LFJ23LBY	LFJ28LBY	LFJ34LBY
适用温度(°C) Room Temperature	-18				
适用库内容积(m³) Cold Room Volume	135	210	260	300	380

选型条件:环境温度32℃, 库体100mm聚氨酯。进货温度<-10℃、日进货量<20%、以冻肉类制品为参照储存物。
Choosing condition: Ambient Temperature is 32℃, PU panel 100mm. Temperature of goods in <-10℃、Quantity of goods daily <20%, the frozen meat products as the cold reference.

注意: 以上仅供简单选型参考, 用户应根据具体使用条件进行核算确定!
Note: Up information only for simple choosing condition as referencee, users should calculate and certain it according to the detail using condition.



以创新为动力

经过二十年不懈的探索与发展, 今天的美乐柯终于能够凭借精湛的技术, 满足客户不同的制冷需求, 旨在最大程度的帮助客户提高其生产效率。作为业界的领导者, 我们致力以最低的成本创造最优的质量。我们将继续坚持“科技兴厂”的发展战略, 竭力确保您的盈利, 使您安心!

Innovation

For over 20 year's effort in the R&D, Meluck Company can meet the variety of requirement of refrigeration equipment. Our technology orientation focuses on delivering the best quality with lowest cost. We will insist on our strategy of Technology development, add value to our clients with our advanced technology.



以互动为根本

与客户保持亲密的合作关系是我们工作的重要组成部分。我们长期积累的丰富经验, 对在制冷市场形成自己独特的见解, 我们紧跟市场动脉, 第一时间为您量身定做全套而有个性化的制冷解决方案, 满足并超过您期望。

Interaction

We believe in interaction with our clients. We are experienced in the refrigeration industry; we try for the satisfaction and excel their satisfaction of the customers with our customized solutions in time.



您忠诚的商业伙伴

我们对您的承诺绝不会随着产品的交付和安装而终止。我们拥有庞大的售后服务体系, 为您提供永不间断的技术支持与产品服务。我们在全各地设有经销点, 随时为您提供优质的服务; 我们拥有大批的专业技术人员, 全天候的为您解答技术疑问; 我们高效的物流团队, 确保您的不时之需。美乐柯, 为您创造价值的合作伙伴!

Commitment

Our commitment for our customers will not end with the delivery of our products, but continues with our post sale system. A complete sales network all over China has been built, which provides you with high quality service. Our big team of technology and professional technicians are ready for consulting you all daylong. Our logistic distribution centers keeps goods reach you in time. All Meluck will add value to your business with our commitment.

