



烟台冰轮  
YANTAI MOON

致力于人类生活质量的提高  
Making a better life

## LG系列螺杆式制冷压缩机组

LG Series Screw Refrigeration Compressor Units

型谱全

Comprehensive  
range

低噪音

low noise

新型线

New rotor  
profile



烟台冰轮股份有限公司  
YANTAI MOON CO.,LTD.



烟台冰轮集团创建于 1956 年，是以工商业制冷成套设备、中央空调、精密铸件、密封材料、电站设备、换热设备等为主导产业的跨行业，国际化经营的大型集团企业。

烟台冰轮股份有限公司（股票代码 000811）是冰轮集团的核心企业，以制冷空调设备、气体压缩设备的研发、制造，制冷空调应用系统集成、制冷空调节能服务、工程成套服务为主业，是中国民族制冷空调行业的领军企业。

烟台冰轮拥有国家认定的企业技术中心，建有国内最先进的制冷性能实验室，掌握了以螺杆压缩机技术为代表的具有国际先进水平的核心技术，拥有发明专利 28 项，实用新型专利 35 项。是中国唯一拥有半封闭螺杆压缩机制造资质的企业，也是世界上唯一能够同时生产开启式、半封闭式和全封闭式螺杆压缩机的企业。烟台冰轮的活塞式压缩机 1988 年获得中国制冷产品最高质量奖 - 国家质量银质奖章，开启式螺杆压缩机的“理论技术及产品研发”2006 年荣获中国制冷行业最高科技奖 - 国家科技进步二等奖。

烟台冰轮生产的 8 个系列，500 多种制冷空调产品覆盖了食品冷冻冷藏、化工工艺制冷（冷却）、人工智能环境等领域。凭借先进的技术、可靠的品质和良好的服务为中国和全球超过 65 个国家的用户提供了“节能、环保、安全”的使用体验，帮助客户实现业务的成长。烟台冰轮全资子公司——具有综合甲级资质的鲁商冰轮建筑设计有限公司，可为用户提供专业的工程项目整体规划及系统综合设计服务。

烟台冰轮在中国各地拥有 35 个营销服务机构，在全球 21 个国家设有 22 个海外营销服务机构，在越南设有海外工厂，构建了比较完善的营销服务网络，可快速响应用户从技术咨询、项目规划、系统设计、设备采购、工程施工，到技术培训、维护保养、系统改造升级等全过程的服务需求，承诺为用户提供产品全生命周期的服务保障。





Yantai Moon Group was founded in 1956, which is a cross-industry and international operations of large enterprise groups with industrial and commercial refrigeration equipment, central air-conditioning systems, precision castings, sealing materials, power plant equipment, heat transfer equipment as its leading industries.

Yantai Moon Co., Ltd. (stock code of 000811) is the core business unit of Moon Group, with research and development and manufacturing of refrigeration conditioning equipment and gas compression equipment, integration of refrigeration air-conditioning application systems, refrigeration air-conditioning energy-saving services, engineering service packages as its main business, and it is an industry leader of China refrigeration conditioning industry.

Yantai Moon Group has a state-certified enterprise technology center, and build the most advanced refrigeration performance lab in China. The company mastered the international advanced core technology with the screw compressor technology as its representative, and hold 28 invention patents and 35 utility model patents. It is the only enterprise with manufacturing qualification of semi-hermetic screw compressor in China, and also is the world's only enterprise who can produce open-type, semi-hermetic type and hermetic type screw compressors. The reciprocating compressor manufactured by Yantai Moon Group achieved the highest quality award in China refrigeration products - National Quality Silver Medal in 1988 and the "theory and product research and development" of open-type screw compressor achieved the highest technology award in China Refrigeration

industry - Second-class National Science and Technology Progress Prize in 2006.

8 series, over 500 kinds of refrigeration & air-conditioning products from Yantai Moon Group have covered the food refrigeration, chemical process refrigeration (cooling), artificial intelligence environment and other fields. With advanced technology, reliable quality and good service, it has provided the user experiences of "energy-saving, environmental protection, safety" for customers in China and more than 65 countries around the world, and assisted customers to achieve the business growth. The wholly-owned subsidiary of Yantai Moon Group - Lushang Binglun Architectural Design Co., Ltd. with Class A integration qualification can provide customers with the professional overall project planning and system design services.

Yantai Moon Group owns 35 marketing services agencies in China and 22 overseas marketing services agencies in 21 countries, and has set up an overseas factory in Vietnam. It has built a comprehensive marketing and service network, which can make quick response to customers for the technical advisory, project planning, system design, equipment procurement, project construction, technical training, maintenance and repair, system upgrading and other services. The company is committed to provide customers with service support within the whole product life cycle.

## 产品介绍

烟台冰轮股份有限公司凭籍五十多年来制冷空调设备的制造经验和持续的技术研发能力，并与西安交通大学、世界业内知名企业经过多年的技术合作与交流，对压缩机的热、动力性能的理论研究和实际工作过程、压力脉动、转子受力和油分布可视化等进行了创新试验研究，准确地揭示了转子型线、孔口位置等设计参数与螺杆压缩机热、动力性能之间的内在规律，形成了完整的螺杆压缩机设计理论，在此基础上，研制出拥有 10 余项自主知识产权和核心技术的新型 LG 系列高效螺杆压缩机。

螺杆式制冷压缩机组广泛应用于食品、饮料、冷冻冷藏、低温物流、新能源、石油化工、水电、煤炭、制药、人工制冷环境等领域，是工商业制冷领域的最佳机型。



## Product introduction

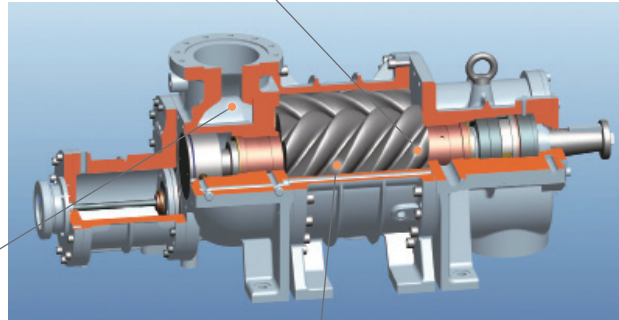
Depending upon its manufacturing experience and sustainable technical R&D capability in refrigeration and air conditioning equipment for more than 50 years and through many years of technical cooperation and exchange with Xi'an Jiaotong University and the world well-known enterprises in the industry, Yantai Moon Co., Ltd. (hereinafter abbreviated to Yantai Moon) has conducted theoretical research on the thermal and dynamic performance of compressors and innovative experimental research on their actual working process, pressure fluctuation, rotor stress and oil distribution visualization, accurately revealed the inherent law between the design parameters including rotor profile, orifice position, etc. and the thermal and dynamic performance of screw compressors and formed a complete screw compressor design theory; based on this, Yantai Moon has developed new LG series high-efficiency screw compressors with over 10 independent intellectual property rights and core technologies.

Screw refrigeration compressor units are widely applied in industries including food, beverage, refrigeration and cold storage, low temperature logistics, new energy resources, petrochemical industry, hydroelectric power, coal, pharmacy, artificial refrigeration environment, etc. and are the optimal compressor unit model in the refrigeration industry.

## 全新设计 Brand new design

●吸排气口采用不规则波纹管机械降噪处理，噪音显著下降。

● The air intake and discharge ports are treated for irregular bellows mechanical noise reduction, thus remarkably reducing noise.



●全新型线设计（双边非对称全圆弧包络型线），改线密封为带密封，无需采用密封筋弥补加工余隙，油膜覆盖均匀。

● The brand new profile design (bilateral asymmetric full-arc envelope profile); line sealing changed into band sealing without need to use sealing ribs to make up for work clearance; uniform oil film covering

●型谱更全面，适用范围更广。

● More complete model spectra and more extensive scope of application

●优化齿数组合，齿高系数、峰高系数、直径及长径比、导程及扭转角形成 5:6 齿配对。

● Optimized tooth number combination, tooth height factor, peak height factor, diameter and length-diameter ratio, lead and torsion angle with 5:6 teeth pairing

## 优质部件 品质保证

●英国约翰克兰机械轴封，安装方便，密封性能好。

●日本 NSK 高精度低温专用轴承，耐腐蚀、抗老化、精度高、寿命长。

●压缩机转子径向支撑采用滑动轴承（流体动力轴承），无机械磨损，理论寿命无限，实际使用寿命远超过滚动轴承。

●获国家专利的能量调节机构，能量调节迅速、灵敏；调节范围大，非满负荷状态时节能效果显著，保证不同负载下均实现高效运转。

●原装德国 DSF 密封件，保证各部件密封效果。

●获国家专利的排气口设计，排气阻力更小，压力损失少，噪音低。

●压缩机转子采用英国、德国专用数控磨床实现高精度加工，消除加工误差。

●压缩机关键零部件采用日本、德国进口加工中心进行加工，保证部件精度。

## Quality components ensure good quality

● British John Crane mechanical shaft seal has easy installation and good sealing performance.

● Japan NSK dedicated high-precision cryogenic bearing has corrosion resistance, anti-aging, high precision and long life.

● The plain bearing (fluid dynamic bearing) used for radial support of compressor rotor, has no mechanical wear, the infinite theoretical life, and the actual life is far more than the life of rolling bearing.

● The energy regulatory agency with the national patent can adjust the energy rapidly and sensitively, with great adjustment range. It has remarkable energy saving effect under non-full load condition and can ensure the efficient operation under different loads.

● The original German DSF seals can ensure sealing effect of the various components.

● The design of exhaust ports with the national patent produces smaller exhaust resistance, less pressure loss and lower noise.

● The compressor rotor is processed by dedicated CNC grinder from Britain or Germany to achieve high-precision process and eliminate the processing errors.

● The key components of the compressor are processed by machining centers imported from Japan or Germany to ensure their accuracy.



## 专有技术 非凡性能

- 内容积比可调能够根据运行工况变化实现内容积比无级自动调节，使压缩机高效运行，节能显著。
- 油循环系统采用特有的强制供油与压差供油结合的方式，保持压缩机最佳循环油量，供油充分，油压稳定，润滑、密封、冷却、降噪性能优越，压缩机 COP 值比无油泵型高 5% 以上。
- 中国专利技术的油气分离器设计，结构先进，采用多次撞击分离、重力分液、离心分离、高效分子筛过滤分离等多种分油方式，分油效率高达 3~5ppm，在船体倾斜时保证正常供油。
- 油冷却器采用中国专利技术的高效换热管，配以先进的油流速设计，极大提高了换热系数；采用集装式高精度折流板，使油冷却更充分。
- 中国专利技术的专用油泵，结构先进，具有泵空能力，油量及油压稳定。
- 叠片式弹性联轴器消振、隔振，强大的自动校中功能，使用寿命长。

针对工业冷冻等特殊行业中，排气温度及油温较高的状况，可提供大负荷油冷却器和不锈钢材质油冷却器。油冷却器可采用工质直接冷却、工质节流冷却、水冷却等方式。

## Proprietary technologies show extraordinary performances

- Stepless automatic regulation of internal volume ratio can be realized under variable working conditions, thereby having a remarkable energy-saving effect in applications of compressors.
- The oil circulation system uses an unique combination mode of forced oil feeding and differential pressure oil feeding to keep the optimized cycle oil of compressor, with sufficient oil supply, stable oil pressure, and superior lubrication, sealing and cooling, noise reduction performances. The COP value of the compressor is 5% higher than the oil-free pump type.
- The design of oil and gas separator with China patented technology has state-of-the-art structure, and multiple crash separation, gravity dispense, centrifugal separation, efficient zeolite filter separation and other oil separation manners, to achieve the oil separation efficiency of up to 3 ~ 5ppm and ensure normal oil feeding in case of the inclined hull.
- Efficient heat transfer pipes with China patented technology are used in the oil cooler, together with the state-of-the-art oil flow design, which have greatly improved the heat transfer coefficient; and the high-precision baffles assembly ensures the oil cooling more fully.
- The dedicated oil pump with the patented technology has state-of-the-art structure, the fully pumping ability, and stable oil volume and oil pressure.
- The laminated flexible coupling has the features of damper elimination, vibration isolation, powerful automatic alignment function and long life.

Heavy-loaded oil coolers and stainless steel oil coolers can be provided to meet the requirements of high exhaust temperature and oil temperature in special industries involving industrial refrigeration etc. Oil coolers can use the cooling modes including direct cooling with working medium, throttle cooling with working medium, water cooling, etc.

## 控制方式及配置多样化

LG 系列螺杆制冷压缩机组

- 螺杆制冷压缩机组根据用户需求有多种配置。
- 标准配置根据控制方式的不同分为手动、半自动、自动三种。
- 半自动螺杆机组可实现能量自动调节。

内容积比可调型螺杆制冷压缩机组

- 控制方式均为自动。



## A wide variety of control modes and configurations

LG series screw refrigeration compressor units

- Multi-configurations of screw refrigeration compressor are available according to User's requirement.
- The standard configuration includes three sorts of control modes such as manual control, semi-automatic control and automatic control.
- Semi-automatic refrigeration compressor units can realize automatic energy regulation.



Screw refrigeration compressor with adjustable inner volumetric ratio.

- The control mode of all of them is automatic control mode.

## 适用条件

### Applicable conditions

制冷剂	Refrigerant	R717	R22
排气压力 MPa	Exhaust pressure MPa	≤1.67	
对应饱和温度 °C	Corresponds to the saturation temperature	≤45	≤46
吸气压力 MPa	Air intake pressure MPa	-0.03 ~ 0.586	-0.03 ~ 0.586
对应饱和温度 °C	Corresponding saturation temperature °C	-40.4 ~ 13.2	-48.4 ~ 10.3
油压 MPa	Oil pressure MPa	高于排气压力 0.1 ~ 0.3 0.1 ~ 0.3 higher than the exhaust pressure	
油温 °C	Oil temperature °C	30 ~ 65	
冷却水进口温度 °C	Cooling water inlet temperature °C	15.5 ~ 33	
冷却水流量偏差	Cooling water flow deviation	±10%	

注：超出上述条件，请联系冰轮公司非标订货。

Note: in case of not meeting the above conditions, please contact Yantai Moon to order non-standard products.

# 螺杆式制冷压缩机组型号标示释义

## Interpretation of model marks of marine screw refrigeration compressor

### 主机型号

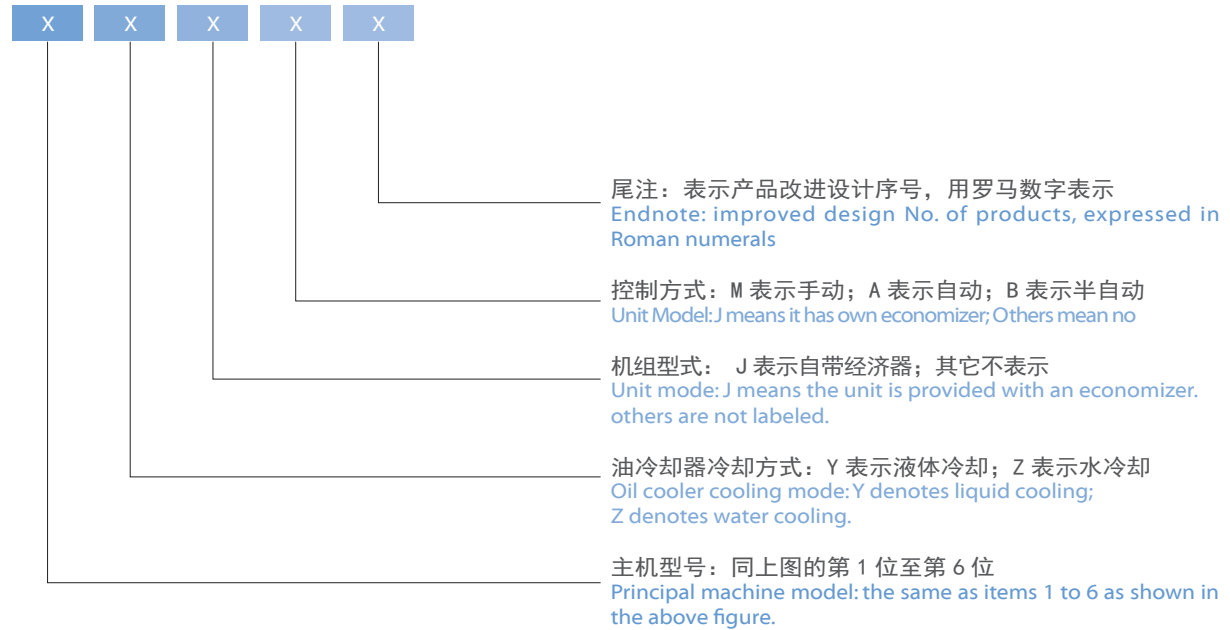
#### Main models



-5-

### 机组型号

#### Unit model



## LG 系列螺杆制冷压缩机组技术参数表

### Technical parameters of LG series screw refrigeration compressor units

项目 Item		单位 Unit	LG12M 系列 LG12M Series	LG16S 系列 LG16S Series	LG16M 系列 LG16M Series	LG20S 系列 LG20S Series	
制冷剂 Refrigerant	品种 Varieties		R717 / R22				
	标准 Standard		GB536《液体无水氨》 / GB7373《工业用二氟一氯甲烷 (F22)》 GB536 Liquid Anhydrous Ammonia / GB7373 F22 for Industrial				
压缩机 Compressor	理论排量 Theoretical displacement	m <sup>3</sup> /h	285	385	598	806	
	能量调节范围 Energy range		15 ~ 100%				
制冷量 Refrigeration capacity	高温工况 High temperature working conditions	kW	316 / 292	440/406	692/640	1001 / 918	
	中温工况 Medium temperature working conditions	kW	175/ 168	244/234	384/370	555 / 531	
	低温工况 Low temperature working conditions	带经济器 With economizer	kW	62/69	88/98	138/154	201 / 226
		不带经济器 Without economizer	kW	52/55	73/77	115/123	167/177
电机额定功率 Rated power of motor	高温工况 High temperature working conditions	kW	65	90	132	185	
	中温工况 Medium temperature working conditions	kW	65	90	132	185	
	低温工况 Low temperature working conditions	kW	55	75	110	160	
电制 Electrical system			3N 50HZ 380V				
额定转速 Rated speed		r/min	2960				
电机转向 Rotation direction of motor			顺时针 (从电机轴端看) Clockwise(Looking from motor shaft side)				
冷冻机油 Lubrication oil	牌号 Brand		M-K4001				
	标准 Standard		Q/YB00J08.21.1《冷冻机油 (矿物型)》 Q/YB00J08.21.1“Frozen oil (Mineral type)”				
	充注量 charging volume	kg	~ 150( ~ 110)	~ 200( ~ 160)	~ 370( ~ 310)		
进气管直径 Diameter of gas intake pipe		mm	DN80	DN125		DN150	
出气管直径 Diameter of gas discharge pipe		mm	DN65	DN80		DN100	
二次进气管径 Diameter of secondary gas intake pipe		mm	DN32	DN32	DN32	DN50	
经济器进出液管径 Diameter of liquid inlet & outlet pipe of economizer		mm	DN50	DN50	DN50	DN65	
安全阀直径 Diameter of safety valve		mm	DN20	DN25		DN32	

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项目 Item		单位 Unit	LG12M 系列 Series LG12M	LG16S 系列 Series LG16S	LG16M 系列 Series LG16M	LG20S 系列 Series LG20S	
油冷却器 Oil cooler	型式 Type		壳管式 Shell-tube				
	水冷 Water cooling	进水管径 Diameter of water pipe	mm	DN32	DN40		DN65
		冷却水量 Volume of cooling water	m <sup>3</sup> /h	~ 10	~ 12	~ 15	~ 20
		水侧设计压力 Water-side design pressure	Mpa	0.6			
		冷却水污垢系数 Fouling factor of cooling water	m <sup>2</sup> .k/ kW	0.086			
		水程阻力 Resistance on water path	Mpa	≤0.1			
		水质标准 Water quality standard		GB50050 《工业循环冷却水处理设计规范》 GB50050 Design Code on Industrial Circulation Cooling Water Processing			
	制冷剂 Refrigerant	进液管径 Diameter of liquid inlet pipe	mm	DN25	DN32		DN40
		出汽管径 Diameter of air discharge pipe	mm	DN40	DN50		DN65
	油泵 Oil pump	型号 Model		ZHB80P6	ZHB125P4		ZHB125P4 或 ZHB150P6* ZHB125P4 & ZHB150P6*
电机功率 Motor Power		kW	1.5	2.2		2.2 或 3 <sup>1</sup>	
外形尺寸 (长*宽*高) Dimensions (L*W*H)		带经济器 With economizer	mm	2754X1350X1775 (2814X1350X1775)	3098X1379X2030 (3103X1420X2030)		3262X1601X2251 (3262x1646x2251)
		不带经济器 Without economizer		2488X1260X1775 (2488X1260X1775)	3077X1362X2030		3262x1567x2251 (3262x1567x2251)
机组质量 Unit weight		kg	~ 2000	~ 2450	~ 2750	~ 4450	
机组运行质量 Operating weight of the unit		kg	~ 2200	~ 2700	~ 3050	~ 4930	

注：1、高温工况为 +40/+5℃ 工况，中温工况为 +40/-10℃ 工况，低温工况为 +40/-35℃ 工况，带经济器时液体出口温度比补气压力对应的饱和温度高 5℃。油冷却器的冷却水进水温度 +33℃，进出水温差 5℃。

2、（）内数据为制冷剂冷油冷机组参数。\* 对于 LG20BS 系列，用于 R22 且蒸发温度低于 -10℃，电机功率 3kW。

Note: 1. The high temperature working conditions are the working conditions at +40/+5℃, the medium temperature working conditions are the working conditions at +40/-10℃, and the low temperature are the working conditions at +40/-35℃; when the unit has an economizer, the liquid outlet temperature is 5℃ higher than the saturation temperature corresponding with the air supply pressure. The cooling water inlet temperature of the oil cooler is +33℃ and the difference between the water inlet temperature and the water outlet temperature is 5℃.

2. The data in the () are the parameters of refrigerant and cold oil refrigerating units. \*For LG20BS series, the data are used for R22, the vaporization temperature is lower than -10℃, and the motor power is 3kW.

## LG 系列螺杆制冷压缩机组技术参数表

### Technical parameters of LG series screw refrigeration compressor units

项目 Item		单位 Unit	LG20M 系列 LG20M Series	LG20L 系列 LG20L Series	LG25S 系列 LG25S Series	LG25M 系列 LG25M Series	
制冷剂 Refrigerant	品种 Varieties		R717 / R22				
	标准 Standard		R717 GB536 《液体无水氨》 / R22 GB7373 《工业用二氟一氯甲烷 (F22)》 R717 GB536 Liquid Anhydrous Ammonia / R22 GB7373 F22 for Industrial				
压缩机 Compressor	理论排量 Theoretical displacement	m <sup>3</sup> /h	1120	1486	1825	2289	
	能量调节范围 Energy range		15 ~ 100%				
制冷量 Refrigeration capacity	高温工况 High temperature working conditions	kW	1339 / 1225	1756 / 1605	2172/1996	2731 / 2516	
	中温工况 Medium temperature working conditions	kW	743 / 710	975 / 930	1207/1159	1518/ 1462	
	低温工况 Low temperature working conditions	带经济器 With economizer	kW	269/298	353/391	443/497	557 / 621
		不带经济器 Without economizer	kW	225/239	295/313	369/392	466/496
电机额定功率 Rated power of motor	高温工况 High temperature working conditions	kW	250	315	450	500	
	中温工况 Medium temperature working conditions	kW	250	315	400	500	
	低温工况 Low temperature working conditions	kW	200/220 (带经济器) With economizer	250/280 (带经济器) With economizer	315	400/450 (带经济器) With economizer	
电制 Electrical system			3N 50HZ 380V	3N 50HZ 380V 3N 50HZ 10kV ( & 6kV) 3N 50HZ 380V 3N 50HZ 10kV( & 6kV)	3N 50HZ 10kV ( & 6kV) 3N 50HZ 10kV ( & 6kV)		
额定转速 Rated speed		r/min	2960				
电机转向 Rotation direction of motor			顺时针 (从电机轴端看) Clockwise(Looking from motor shaft side)				
冷冻机油 Lubrication oil	牌号 Brand		M-K4001				
	标准 Standard		Q/YB00J08.21.1 《冷冻机油 (矿物型)》 Q/YB00J08.21.1 "Frozen oil (Mineral type)"				
	充注量 charging volume	kg	~ 370	~ 470	~ 760		
进气管直径 Diameter of gas intake pipe		mm	DN150	DN200	DN200		
出气管直径 Diameter of gas discharge pipe		mm	DN100	DN150	DN150		
二次进气管径 Diameter of secondary gas intake pipe		mm	DN50	DN50	DN50		

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项目 Item		单位 Unit	LG20M 系列 LG20M Series	LG20L 系列 LG20L Series	LG25S 系列 LG25S Series	LG25M 系列 LG25M Series	
经济器进出液管径 Diameter of liquid inlet & outlet pipe of economizer		mm	DN65	DN65	DN80		
安全阀直径 Diameter of safety valve		mm	DN32	2*DN32	2*DN32		
油冷却器 Oil cooler	型式 Type		壳管式 Shell-tube				
	水冷 Water cooling	进出水管径 Diameter of water pipe	mm	DN65	DN65	DN65	
		冷却水量 Volume of cooling water	m <sup>3</sup> /h	~ 25	~ 30	~ 35	~ 45
		水侧设计压力 Water-side design pressure	Mpa	0.6			
		冷却水污垢系数 Fouling factor of cooling water	m <sup>2</sup> .k/ kW	0.086			
		水程阻力 Resistance on water path	Mpa	≤0.1			
		水质标准 Water quality standard		GB50050 《工业循环冷却水处理设计规范》 GB50050 Design Code on Industrial Circulation Cooling Water Processing			
	制冷剂 Refrigerant	进液管径 Diameter of liquid inlet pipe	mm	DN40	DN40	DN50	
		出汽管径 Diameter of air discharge pipe	mm	DN65	DN65	DN80	
	油泵 Oil pump	型号 Model		ZHB125P4 或 ZHB150P6* ZHB125P4 & ZHB150P6*		ZHB220P4	
电机功率 Motor Power		kW	2.2 或 3* 2.2 & 3*		4		
外形尺寸 (长*宽*高) Dimensions (L*W*H)	带经济器 With economizer	mm	3262X1651X2251 (3262x1646x2251)	3605x1757x2536 (3605x1757x2536)	4601x2136x3149		
	不带经济器 Without economizer		3262X1567X2251 (3262x1567x2251)	3605x1757x2536 (3605x1757x2536)	4601x2136x3149		
机组质量 Unit weight		kg	~ 4660	~ 5900 (8850)	10500 ~ 12030		
机组运行质量 Operating weight of the unit		kg	~ 5140	~ 6500 (8960)	13000 ~ 14000		

注：1、高温工况为 +40/+5℃ 工况，中温工况为 +40/-10℃ 工况，低温工况为 +40/-35℃ 工况，带经济器时液体出口温度比补气压力对应的饱和温度高 5℃。油冷却器的冷却水进水温度 +33℃，进出水温差 5℃。

2、（）内数据为制冷剂冷油冷机组参数。\* 对于 LG20M/LG20L 系列，用于 R22 且蒸发温度低于 -10℃，电机功率 3kW。

3、LG20LZ 机组选用高压电机时，机组充油量为 700kg，外形尺寸参照 LG25 系列，机组质量见括号内数值。

Note: 1. The high temperature working conditions are the working conditions at +40/+5℃, the medium temperature working conditions are the working conditions at +40/-10℃, and the low temperature are the working conditions at +40/-35℃; when the unit has an economizer, the liquid outlet temperature is 5℃ higher than the saturation temperature corresponding with the air supply pressure. The cooling water inlet temperature of the oil cooler is +33℃ and the difference between the water inlet temperature and the water outlet temperature is 5℃.

2. The data in the ( ) are the parameters of refrigerant and cold oil refrigerating units. \*For LG20(V)BS series, the data are used for R22, the vaporization temperature is lower than -10℃, and the motor power is 3kW.

3. If high voltage motor is used for LG20LZ, the oil charge is 700kg. For the outline dimensions, please refer to LG25 series, and for the equipment mass, refer to the numbers in the bracket.

## LG 系列螺杆制冷压缩机组技术参数表

### Technical parameters of LG series screw refrigeration compressor units

项目 Item		单位 Unit	LG25L 系列 LG25L Series	LG32S 系列 LG32S Series	LG32M 系列 LG32M Series	
制冷剂 Refrigerant	品种 Varieties		R717 / R22			
	标准 Standard		R717 GB536《液体无水氨》 / R22 GB7373《工业用二氟一氯甲烷(F22)》 R717 GB536 Liquid Anhydrous Ammonia /R22 GB7373 F22 for Industrial			
压缩机 Compressor	理论排量 Theoretical displacement	m <sup>3</sup> /h	2840	3500	4341	
	能量调节范围 Energy range		15 ~ 100%			
制冷量 Refrigeration capacity	高温工况 High temperature working conditions	kW	3393 /3135	4118/3805	5167/4776	
	中温工况 Medium temperature working conditions	kW	1889/ 1822	2292/2212	2877/2776	
	低温工况 Low temperature working conditions	带经济器 With economizer	kW	694/ 773	844/943	1060/1184
		不带经济器 Without economizer	kW	581/619	705/752	885/943
电机额定功率 Rated power of motor	高温工况 High temperature working conditions	kW	630	800	1000	
	中温工况 Medium temperature working conditions	kW	560	710	900	
	低温工况 Low temperature working conditions	kW	450/500(带经济器) With economizer	560/630(带经济器) With economizer	710/800(带经济器) With economizer	
电制 Electrical system			3N 50HZ 10kV (或 6kV) 3N 50HZ 10kV (& 6kV)			
额定转速 Rated speed		r/min	2960			
电机转向 Rotation direction of motor			顺时针(从电机轴端看) Clockwise(Looking from motor shaft side)			
冷冻机油 Lubrication oil	牌号 Brand		M-K4001			
	标准 Standard		Q/YB00J08.21.1《冷冻机油(矿物型)》 Q/YB00J08.21.1"Frozen oil (Mineral type)"			
	充注量 Charging volume	kg	~ 760	~ 1200		
进气管直径 Diameter of gas intake pipe		mm	DN250	DN350		
出气管直径 Diameter of gas discharge pipe		mm	DN150	DN200		
二次进气管径 Diameter of secondary gas intake pipe		mm	DN50	DN80		
经济器进出液管径 Diameter of liquid inlet & outlet pipe of economizer		mm	DN80	DN125		
安全阀直径 Diameter of safety valve		mm	2*DN32	2*DN50		

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项目 Item		单位 Unit	LG25L 系列 LG25L Series	LG32S 系列 LG32S Series	LG32M 系列 LG32M Series	
油冷却器 Oil cooler	型式 Type		壳管式 Shell-tube			
	水冷 Water cooling	进出水管径 Diameter of water pipe	mm	DN65	DN100	
		冷却水量 Volume of cooling water	m <sup>3</sup> /h	~ 55	~ 90	
		水侧设计压力 Water-side design pressure	Mpa	0.6		
		冷却水污垢系数 Fouling factor of cooling water	m <sup>2</sup> .k/ kW	0.086		
		水程阻力 Resistance on water path	Mpa	≤0.1		
		水质标准 Water quality standard		GB50050《工业循环冷却水处理设计规范》 GB50050 Design Code on Industrial Circulation Cooling Water Processing		
	制冷剂 Refrigerant	进液管径 Diameter of liquid inlet pipe	mm	DN50	DN65	
		出气管径 Diameter of air discharge pipe	mm	DN80	DN125	
	油泵 Oil pump	型号 Model		ZHB220P4	ZZB400P6	
电机功率 Motor Power		kW	4	7.5		
外形尺寸 (长*宽*高) Dimensions (L*W*H)	带经济器 With economizer	mm	4601x2136x3149	~ 7986x2930x3645		
	不带经济器 Without economizer		4601x2136x3149	~ 7986x2748x3645		
机组质量 Unit weight		kg	11000 ~ 12000	~ 21700		
机组运行质量 Operating weight of the unit		kg	13000 ~ 14000	~ 23300		

注：高温工况为 +40/+5℃ 工况，中温工况为 +40/-10℃ 工况，低温工况为 +40/-35℃ 工况，带经济器时液体出口温度比补气压力对应的饱和温度高 5℃。油冷却器的冷却水进水温度 +33℃，进出水温差 5℃。

Note: The high temperature working conditions are the working conditions at +40/+5℃, the medium temperature working conditions are the working conditions at +40/-10℃, and the low temperature are the working conditions at +40/-35℃; when the unit has an economizer, the liquid outlet temperature is 5℃ higher than the saturation temperature corresponding with the air supply pressure. The cooling water inlet temperature of the oil cooler is +33℃ and the difference between the water inlet temperature and the water outlet temperature is 5℃.

**LG 系列螺杆制冷压缩机组技术参数表**  
**Technical parameters of LG series screw refrigeration compressor units**

项目 Item		单位 Unit	LG32L 系列 LG32L Series	LG40S 系列 LG40S Series	LG40M 系列 LG40M Series	
制冷剂 Refrigerant	品种 Varieties		R717 / R22			
	标准 Standard		R717 GB536《液体无水氨》/ R22 GB7373《工业用二氟一氯甲烷(F22)》 R717 GB536 Liquid Anhydrous Ammonia /R22 GB7373 F22 for Industrial			
压缩机 Compressor	理论排量 Theoretical displacement	m <sup>3</sup> /h	5182	6514	7539	
	能量调节范围 Energy range		15 ~ 100%			
制冷量 Cooling capacity	高温工况 High temperature working conditions	kW	6178/5708	7362/6737	9306/8598	
	中温工况 Medium temperature working conditions	kW	3439/3318	4099/3913	5178/4997	
	低温工况 Low temperature working conditions	带经济器 With economizer	kW	1268/ 1410	1494/1627	1903/ 2118
		不带经济器 Without economizer	kW	1058/1128	1261/1333	1593/1698
电机额定功率 Rated power of motor	高温工况 High temperature working conditions	kW	1120	1600	1800	
	中温工况 Medium temperature working conditions	kW	1000	1400	1600	
	低温工况 Low temperature working conditions	kW	800/1000(带经济器) With economizer	1120/1250(带经济器) With economizer	1250/1400(带经济器) With economizer	
电制 Electrical system			3N 50HZ 10kV (或 6kV) 3N 50HZ 10kV (& 6kV)			
额定转速 Rated speed		r/min	2960			
电机转向 Rotation direction of motor			顺时针(从电机轴端看) Clockwise(Looking from motor shaft side)			
冷冻机油 Lubrication oil	牌号 Brand		M-K4001			
	标准 Standard		Q/YB00J08.21.1《冷冻机油(矿物型)》 Q/YB00J08.21.1"Frozen oil (Mineral type)"			
	充注量 charging volume	kg	~ 1200	~ 2000		
进气管直径 Diameter of gas intake pipe		mm	DN350	DN400		
出气管直径 Diameter of gas discharge pipe		mm	DN200	DN300		
二次进气管径 Diameter of secondary gas intake pipe		mm	DN80	DN100		
经济器进出液管径 Diameter of liquid inlet & outlet pipe of economizer		mm	DN125	DN150		

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项目 Item		单位 Unit	LG32L 系列 LG32L Series	LG40S 系列 LG40S Series	LG40M 系列 LG40M Series	
安全阀直径 Diameter of safety valve		mm	2xDN50	2xDN50		
油冷却器 Oil cooler	型式 Type		壳管式 Shell-tube			
	水冷 Water cooling	进出水管径 Diameter of water pipe	mm	DN100	DN125	
		冷却水量 Volume of cooling water	m <sup>3</sup> /h	~ 90	~ 150	
		水侧设计压力 Water-side design pressure	Mpa	0.6		
		冷却水污垢系数 Fouling factor of cooling water	m <sup>2</sup> .k/ kW	0.086		
		水程阻力 Resistance on water path	Mpa	≤0.1		
		水质标准 Water quality standard		GB50050 《工业循环冷却水处理设计规范》 GB50050 Design Code on Industrial Circulation Cooling Water Processing		
	制冷剂 Refrigerant	进液管径 Diameter of liquid inlet pipe	mm	DN65	DN125	
		出汽管径 Diameter of air discharge pipe	mm	DN125	DN150	
	油泵 Oil pump	型号 Model		ZZB400P6	ZZB600P4+ZZB300P8	
电机功率 Motor Power		kW	7.5	11+5.5		
外形尺寸 (长*宽*高) Dimensions (L*W*H)	带经济器 With economizer	mm	~ 7986x2930x3645	~ 9920x3500x4547		
	不带经济器 Without economizer		~ 7986x2748x3645	~ 9920x3248x4547		
机组质量 Unit weight		kg	~ 21700	~ 37000		
机组运行质量 Operating weight of the unit		kg	~ 23300	~ 48100		

注：高温工况为 +40/+5℃ 工况，中温工况为 +40/-10℃ 工况，低温工况为 +40/-35℃ 工况，带经济器时，液体出口温度补气压力对应的饱和温度高 5℃。油冷却器的冷却水进水温度 +33℃，进出水温差 5℃。

Note: The high temperature working conditions are the working conditions at +40/+5℃, the medium temperature working conditions are the working conditions at +40/-10℃, and the low temperature are the working conditions at +40/-35℃; when the unit has an economizer, the liquid outlet temperature is 5℃ higher than the saturation temperature corresponding with the air supply pressure. The cooling water inlet temperature of the oil cooler is +33℃ and the difference between the water inlet temperature and the water outlet temperature is 5℃.

# 螺杆式制冷压缩机性能参数表

## Performance parameters of LG series screw refrigeration compressor units

型号 Model	LG12M (R717)						LG12M(R22)						LG12M(R717)						LG12M(R22)								
	不带经济器						Without economizer						带经济器						With economizer								
	制冷量		轴功率		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power				
Tc	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40			
Te	5	354.1	327.1	316.2	42.5	47.9	53.8	319.9	306.2	292.1	42.7	47.3	52.3	0	294.8	271.7	262.1	42.1	47.5	53.5	269.5	257.5	245.1	42.2	46.8	51.9	
	-5	231.6	223.6	214.8	41.8	47.2	53.1	225.4	214.9	204.0	41.8	46.4	51.4	-10	189.1	181.3	174.8	41.5	46.2	50.5	187.0	177.7	168.1	41.5	46.1	51.0	
	-15	152.0	146.6	140.9	40.1	44.0	48.3	153.7	145.4	137.7	41.1	45.3	49.0	-20	121.8	117.1	112.6	38.2	41.8	44.9	124.8	118.4	111.7	40.0	43.2	46.9	
	-25	96.2	92.6	88.5	35.9	38.8	41.8	100.1	95.3	89.0	38.2	41.5	44.4	-30	75.3	72.0	68.5	33.3	36.1	39.3	80.1	75.4	70.5	36.3	38.8	41.5	
	-35	57.9	55.0	51.8	31.3	34.1	37.2	63.1	59.2	54.8	33.9	36.3	38.9	-40	43.6	41.0	38.2	29.6	32.4	35.5	49.0	45.4	41.7	31.8	34.2	36.9	

型号 Model	LG16S(R717)						LG16S(R22)						LG16S(R717)						LG16S(R22)								
	不带经济器						Without economizer						带经济器						With economizer								
	制冷量		轴功率		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power
Tc	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40
Te	5	468.9	454.9	440.0	58.9	66.4	74.6	444.7	425.7	406.1	59.1	65.5	72.5	0	390.5	378.1	364.8	58.3	65.8	74.1	374.8	358.1	340.9	58.5	64.8	71.8	
	-5	322.2	311.2	299.3	57.9	65.3	73.6	313.6	299.0	283.8	57.9	64.3	71.3	-10	263.1	252.7	243.9	57.5	64.1	70.0	260.1	247.5	234.2	57.5	63.8	70.8	
	-15	211.7	204.4	196.6	55.5	61.0	66.9	213.9	202.5	191.9	57.0	62.8	67.8	-20	169.9	163.4	157.2	52.9	58.0	62.3	173.9	165.1	155.8	55.3	60.0	65.0	
	-25	134.4	129.3	124.0	49.8	53.7	58.0	140.7	132.9	124.4	52.9	57.6	61.6	-30	105.2	100.9	96.0	46.2	50.2	54.5	111.7	105.3	98.6	50.4	53.8	57.5	
	-35	81.1	77.3	73.0	43.3	47.2	51.7	88.3	82.8	76.9	46.9	50.3	54.0	-40	61.3	57.8	53.9	40.9	44.9	49.1	68.7	63.8	58.7	44.1	47.4	51.1	

注: Tc 为冷凝温度, Te 为蒸发温度; 测量基准: 过热度为 5°C, 过热度为有效过热度。  
 Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5°C and shall show effective superheat.



# 螺杆式制冷压缩机性能参数表

## Performance parameters of LG series screw refrigeration compressor units

型号 Model	LG20M(R717)						LG20M(R22)						LG20M(R717)						LG20M(R22)								
	不带经济器			Without economizer			不带经济器			Without economizer			带经济器			With economizer			带经济器			With economizer					
	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率			
Tc	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power			
Te	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40			
5	1424.5	1389.3	1339.0	1750	197.1	221.6	1338.1	1282.7	1224.7	1757	194.7	215.4	1757	194.7	215.4	850.9	834.3	812.4	1709	194.7	216.0	839.1	811.8	781.9	188.0	206.9	233.2
0	1187.6	1150.6	1111.4	1734	195.5	220.0	1128.8	1079.5	1029.2	1739	192.8	213.5	1739	192.8	213.5	694.8	682.9	668.0	1689	187.3	208.0	704.2	679.2	656.2	184.0	206.2	226.1
-5	980.9	948.6	913.7	1720	194.0	218.5	945.6	903.0	858.6	1722	191.0	211.8	1722	191.0	211.8	567.8	556.2	542.8	1623	180.5	197.0	585.5	567.1	547.1	181.0	199.1	218.5
-10	802.1	769.6	743.4	1707	190.1	208.0	786.0	748.8	709.9	1707	189.5	210.3	1707	189.5	210.3	456.7	448.1	436.9	1547	168.3	183.0	485.4	469.3	450.2	175.0	192.2	207.9
-15	644.9	623.5	600.3	1650	181.0	198.7	647.5	614.2	583.3	1694	186.6	201.6	1694	186.6	201.6	381.2	381.2	381.2	1574	171.0	182.7	456.7	448.1	436.9	167.0	180.5	194.9
-20	517.8	499.1	481.1	1574	172.2	185.1	527.7	502.2	475.3	1646	178.2	193.2	1646	178.2	193.2	304.0	304.0	304.0	1498	159.7	170.6	456.7	448.1	436.9	167.0	180.5	194.9
-25	410.4	395.8	380.0	1478	159.4	172.4	428.2	406.2	381.2	1574	171.0	182.7	1574	171.0	182.7	238.7	238.7	238.7	1396	149.4	160.4	456.7	448.1	436.9	167.0	180.5	194.9
-30	322.1	309.4	295.3	1372	148.8	161.8	341.9	323.5	304.0	1498	159.7	170.6	1498	159.7	170.6	214.3	214.3	214.3	1352	148.3	157.4	456.7	448.1	436.9	167.0	180.5	194.9
-35	249.0	237.8	225.3	1286	140.2	153.1	271.5	255.6	238.7	1396	149.4	160.4	1396	149.4	160.4	184.2	184.2	184.2	1310	140.9	151.7	456.7	448.1	436.9	167.0	180.5	194.9
-40	188.9	179.1	167.8	121.5	133.2	146.0	212.5	198.8	184.2	1310	140.9	151.7	1310	140.9	151.7	167.3	167.3	167.3	127.6	140.3	154.0	456.7	448.1	436.9	167.0	180.5	194.9

型号 Model	LG20L(R717)						LG20L(R22)						LG20L(R717)						LG20L(R22)								
	不带经济器			Without economizer			不带经济器			Without economizer			带经济器			With economizer			带经济器			With economizer					
	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率			
Tc	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power	Refrigeration capacity	Shaft power			
Te	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40			
5	1868.0	1813.6	1755.9	229.5	258.5	290.7	1754.2	1680.9	1605.1	230.4	255.2	282.3	230.4	255.2	282.3	1115.6	1093.7	1065.2	2240	255.2	282.6	1100.1	1064.2	1025.2	240.0	271.3	305.7
0	1556.9	1509.0	1457.6	227.4	256.4	288.6	1480.0	1415.8	1349.3	227.9	252.7	279.9	227.9	252.7	279.9	911.0	894.9	875.8	2214	245.5	272.4	923.2	890.5	860.2	241.6	270.3	296.5
-5	1286.0	1243.6	1197.8	225.5	254.5	286.6	1239.7	1183.8	1125.6	225.7	250.4	277.7	225.7	250.4	277.7	744.3	729.2	711.6	2128	236.7	257.7	767.6	743.5	717.2	237.5	261.0	286.5
-10	1051.6	1008.9	974.5	223.9	249.4	272.6	1030.5	981.6	930.7	223.8	248.4	275.7	223.8	248.4	275.7	598.6	586.7	572.7	2028	220.7	240.5	636.3	615.3	590.1	229.2	252.0	272.5
-15	845.6	817.5	787.1	216.5	237.4	260.6	849.0	805.3	764.7	222.0	244.6	264.3	222.0	244.6	264.3	467.2	453.8	443.8	1889	206.6	226.0	520.1	502.6	483.5	219.3	236.7	255.6
-20	678.9	654.3	630.6	206.4	225.8	242.8	691.8	658.3	623.2	215.8	233.6	253.2	215.8	233.6	253.2	376.5	365.9	353.1	177.2	194.4	213.2	423.4	408.1	391.0	205.3	222.0	240.2
-25	538.0	519.0	498.2	193.9	209.1	226.1	561.4	532.5	499.8	206.3	224.1	239.5	206.3	224.1	239.5	291.1	280.7	268.3	167.3	184.0	202.1	340.5	326.8	311.3	192.8	208.9	226.3
-30	422.2	405.6	387.2	180.0	195.3	212.2	448.2	424.1	398.6	196.4	209.4	223.6	196.4	209.4	223.6	211.1	200.7	188.7	151.7	171.7	184.7	243.1	231.5	220.1	192.8	208.9	226.3
-35	326.3	311.7	295.4	168.7	184.0	200.9	355.9	335.1	313.0	183.0	196.0	210.3	183.0	196.0	210.3	167.3	167.3	167.3	127.6	140.3	154.0	243.1	231.5	220.1	192.8	208.9	226.3
-40	247.8	234.7	220.1	159.4	174.8	191.6	278.6	260.6	241.5	171.7	184.7	199.0	171.7	184.7	199.0	167.3	167.3	167.3	127.6	140.3	154.0	243.1	231.5	220.1	192.8	208.9	226.3

注：Tc 为冷凝温度，Te 为蒸发温度；测量基准：过热度为 5℃，过热度为有效过热度。  
 Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5℃ and shall show effective superheat.

## 螺杆式制冷压缩机性能参数表 Performance parameters of LG series screw refrigeration compressor units

型号 Model	LG25S(R717)						LG25S(R22)						LG25S(R717)						LG25S(R22)						
	不带经济器			Without economizer			不带经济器			Without economizer			带经济器			With economizer			带经济器			With economizer			
	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	
Tc	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	
Te	5	2310.3	2243.4	2172.3	272.2	306.6	344.8	2180.9	2089.9	1996.2	273.2	302.7	334.9												
	0	1926.1	1866.4	1803.6	269.7	304.1	342.3	1840.4	1761.4	1679.0	270.3	299.6	332.0												
	-5	1591.4	1538.9	1483.2	267.4	301.8	340.0	1542.2	1473.0	1400.9	267.7	297.1	329.3												
	-10	1302.0	1249.4	1207.2	265.5	295.8	323.3	1282.2	1221.6	1158.8	265.3	294.6	326.9												
	-15	1047.6	1012.8	975.9	256.8	281.4	309.0	1056.8	1002.9	952.9	263.2	290.1	313.4												
	-20	841.3	811.4	782.5	244.8	267.8	287.9	861.8	820.3	777.0	255.8	277.1	300.3												
	-25	667.6	644.3	619.0	230.0	248.1	268.2	699.7	664.1	623.8	244.7	265.7	284.0												
	-30	524.6	504.4	482.1	213.5	231.6	251.7	559.1	529.5	498.1	232.9	248.3	265.3												
	-35	406.2	388.5	368.7	200.1	218.1	238.2	444.6	419.0	391.9	216.9	232.4	249.4												
	-40	309.0	293.2	275.7	189.1	207.1	227.3	348.6	326.6	303.0	203.6	219.0	236.1												
型号 Model	LG25M(R717)						LG25M(R22)						LG25M(R717)						LG25M(R22)						
Tc	不带经济器			Without economizer			不带经济器			Without economizer			带经济器			With economizer			带经济器			With economizer			
Te	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	制冷量		轴功率	
	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	
5	2902.6	2819.2	2730.6	352.5	397	446.4	2747.9	2633.8	2516.3	353.9	391.9	433.7													
0	2420.6	2346.4	2268.1	349.2	393.6	443.2	2319.0	2219.7	2115.7	349.9	388.1	429.8													
-5	2000.3	1935.4	1865.4	346.3	390.7	440.2	1943.6	1856.1	1766.5	346.5	384.6	426.3													
-10	1636.7	1570.8	1518.3	343.8	382.8	418.6	1616.2	1540.9	1461.6	343.5	381.6	423.4													
-15	1317.4	1274.2	1227.8	332.5	364.5	400.2	1332.5	1246.9	1202.1	340.9	375.7	405.7													
-20	1058.9	1021.1	985.1	316.9	346.7	372.9	1086.9	1035.2	980.5	331.3	358.7	388.9													
-25	840.2	811.3	779.9	297.7	321.0	347.2	882.9	838.1	787.7	316.7	344.2	367.7													
-30	660.8	635.6	608.0	276.6	300	325.9	705.8	668.5	629.2	301.5	321.5	343.5													
-35	512.0	490.0	465.5	259.0	282.3	308.5	561.5	529.5	495.5	280.9	300.9	322.9													
-40	389.9	370.4	348.5	244.9	268.2	294.2	440.6	413.0	383.5	263.6	283.6	305.6													

注：Tc为冷凝温度，Te为蒸发温度；测量基准：过热度为5℃，过热度为有效过热。  
Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5°C and shall show effective superheat.

# 螺杆式制冷压缩机性能参数表

## Performance parameters of LG series screw refrigeration compressor units

型号 Model	LG25L(R717)						LG25L(R22)						LG25L(R717)						LG25L(R22)							
	不带经济器 Without economizer						不带经济器 Without economizer						带经济器 With economizer						带经济器 With economizer							
	制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power			
Tc	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40		
Te	5	3607.1	3503.1	3392.9	437.8	493.0	554.4	3423.5	3281.6	3135.4	439.4	486.6	538.5	0	3007.6	2916.0	2819.2	433.7	488.8	550.2	2889.5	2765.6	2636.8	434.6	481.8	533.7
	-5	2485.4	2405.1	2318.6	430.0	485.3	546.7	2421.9	2313.4	2201.2	430.4	477.6	529.4	-10	2034.3	1954.0	1889.1	427.0	475.6	519.8	2014.4	1920.0	1822.1	426.6	473.9	525.7
	-15	1637.7	1585.2	1527.5	412.8	452.7	497.0	1661.1	1577.0	1498.7	423.3	466.6	503.8	-15	1637.7	1585.2	1527.5	412.8	452.7	497.0	1661.1	1577.0	1498.7	423.3	466.6	503.8
	-20	1317.4	1271.1	1226.8	393.6	430.6	462.9	1355.2	1290.6	1223.7	411.4	445.5	482.9	-20	1045.5	1001.0	971.3	369.7	398.8	431.1	1101.2	1045.5	983.1	393.4	427.3	456.7
	-25	822.8	791.9	757.9	343.4	372.4	404.7	880.9	834.6	785.7	374.4	399.2	426.5	-25	822.8	791.9	757.9	343.4	372.4	404.7	880.9	834.6	785.7	374.4	399.2	426.5
	-30	638.1	611.1	581.1	321.8	350.7	383.0	701.1	661.5	619.3	348.8	373.8	400.9	-30	638.1	611.1	581.1	321.8	350.7	383.0	701.1	661.5	619.3	348.8	373.8	400.9
	-40	486.6	462.8	436.0	304.1	333.1	365.5	550.6	516.5	479.9	327.4	352.2	379.5	-40	486.6	462.8	436.0	304.1	333.1	365.5	550.6	516.5	479.9	327.4	352.2	379.5

型号 Model	LG32S(R717)						LG32S(R22)						LG32S(R717)						LG32S(R22)							
	不带经济器 Without economizer						不带经济器 Without economizer						带经济器 With economizer						带经济器 With economizer							
	制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power			
Tc	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40		
Te	5	4377.3	4251.7	4118.2	547.2	616.3	693.1	4155.0	3983.1	3805.3	549.3	608.4	673.1	0	3650.2	3539.5	3421.1	542.1	611.1	687.9	3506.9	3356.5	3200.9	543.3	602.4	667.1
	-5	3016.9	2919.3	2813.9	537.6	606.7	683.4	2939.4	2808.2	2672.1	537.9	597.0	661.8	-5	3016.9	2919.3	2813.9	537.6	606.7	683.4	2939.4	2808.2	2672.1	537.9	597.0	661.8
	-10	2469.3	2371.0	2292.2	533.7	594.5	649.7	2444.8	2330.5	2211.6	533.3	592.4	657.2	-10	2469.3	2371.0	2292.2	533.7	594.5	649.7	2444.8	2330.5	2211.6	533.3	592.4	657.2
	-15	1987.4	1923.4	1854.1	516.2	565.9	621.2	2016.1	1914.0	1819.3	529.2	583.2	629.9	-15	1987.4	1923.4	1854.1	516.2	565.9	621.2	2016.1	1914.0	1819.3	529.2	583.2	629.9
	-20	1598.2	1542.1	1488.3	492.0	538.3	578.7	1645.0	1566.6	1484.7	514.3	556.9	603.6	-20	1598.2	1542.1	1488.3	492.0	538.3	578.7	1645.0	1566.6	1484.7	514.3	556.9	603.6
	-25	1269.0	1225.8	1178.9	462.3	498.6	538.9	1336.6	1269.1	1193.2	491.7	534.3	570.9	-25	1269.0	1225.8	1178.9	462.3	498.6	538.9	1336.6	1269.1	1193.2	491.7	534.3	570.9
	-30	998.6	961.1	919.8	429.2	465.6	506.0	1069.1	1013.0	953.7	468.0	499.1	533.2	-30	998.6	961.1	919.8	429.2	465.6	506.0	1069.1	1013.0	953.7	468.0	499.1	533.2
	-35	774.5	741.8	705.2	402.2	438.5	478.8	850.9	802.8	751.6	436.1	467.2	501.2	-35	774.5	741.8	705.2	402.2	438.5	478.8	850.9	802.8	751.6	436.1	467.2	501.2
	-40	590.6	561.6	529.1	380.2	416.5	456.8	668.2	626.8	582.5	409.2	440.3	474.4	-40	590.6	561.6	529.1	380.2	416.5	456.8	668.2	626.8	582.5	409.2	440.3	474.4

注：Tc 为冷凝温度，Te 为蒸发温度；测量基准：过热度为 5℃，过热度为有效过热度。  
 Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5℃ and shall show effective superheat.

# 螺杆式制冷压缩机性能参数表

## Performance parameters of LG series screw refrigeration compressor units

型号 Model	LG32M(R717)						LG32M(R22)						LG32L(R717)						LG32L(R22)						
	不带经济器 Without economizer						不带经济器 Without economizer						带经济器 With economizer						带经济器 With economizer						
	制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		
°C	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	
5	5494.1	5336.5	5168.6	666.8	751.0	844.6	5215.2	4999.7	4776.2	669.4	741.4	820.3													
0	4581.5	4442.4	4294.1	660.6	744.7	838.2	4401.8	4212.8	4018.1	662.1	734.1	812.9													
-5	3786.3	3663.8	3531.9	655.1	739.3	832.8	3689.4	3524.7	3353.7	655.5	727.5	806.5													
-10	3099.3	2975.7	2876.8	650.4	724.4	791.8	3068.6	2925.2	2775.9	649.9	721.9	800.9													
-15	2494.7	2414.4	2326.8	629.0	689.6	757.0	2530.4	2402.0	2283.6	644.9	710.7	767.6													
-20	2006.5	1935.4	1868.5	599.6	656.0	705.2	2064.7	1966.3	1863.3	626.8	678.6	735.5													
-25	1592.4	1538.9	1480.2	563.3	607.6	656.7	1677.6	1593.5	1497.7	599.2	651.1	695.7													
-30	1253.6	1206.2	1154.7	523.1	567.3	616.6	1341.8	1271.1	1196.9	570.3	608.3	649.8													
-35	972.1	931.0	885.1	490.1	534.4	583.5	1068.1	1007.6	943.4	531.4	569.3	610.8													
-40	741.2	705.0	664.1	463.3	507.5	556.7	838.8	786.8	731.1	498.7	536.6	578.1													

型号 Model	LG32L(R22)						LG32L(R717)						LG32L(R22)												
	不带经济器 Without economizer						不带经济器 Without economizer						带经济器 With economizer												
	制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power		制冷量 Refrigeration capacity		轴功率 Shaft power						
°C	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	
5	6567.3	6378.8	6178.0	797.0	897.5	1009.0	6233.4	5801.0	5708.3	800.0	886.0	980.4													
0	5476.6	5309.7	5132.5	789.4	890.0	1002.0	5261.2	4889.0	4801.9	791.2	877.3	971.7													
-5	4525.9	4379.6	4221.0	783.0	883.4	995.3	4409.8	4090.0	4008.8	783.4	869.6	963.9													
-10	3703.9	3556.6	3439.2	777.3	865.7	946.3	3667.9	3394.0	3317.7	776.7	862.6	957.1													
-15	2981.9	2885.1	2782.1	751.7	824.1	904.7	3024.4	2788.0	2729.6	770.7	849.4	917.3													
-20	2397.9	2313.4	2233.1	716.6	784.0	842.7	2467.7	2282.0	2226.9	749.0	811.1	879.1													
-25	1903.5	1838.6	1768.6	673.2	726.1	785.0	2005.2	1848.0	1790.2	716.1	778.1	831.4													
-30	1497.7	1442	1380.3	625.1	678.0	737.0	1603.8	1475.0	1430.7	681.6	726.9	776.6													
-35	1161.9	1112.5	1057.9	585.7	638.0	697.4	1276.6	1169.0	1127.9	635.1	680.4	730.0													
-40	886.0	842.6	793.7	553.5	606.4	665.3	1002.5	913.0	873.9	596.0	641.3	690.9													

注: Tc 为冷凝温度, Te 为蒸发温度; 测量基准: 过热度为 5°C, 过热度为有效过热。  
 Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5°C and shall show effective superheat.

# 螺杆式制冷压缩机性能参数表

## Performance parameters of LG series screw refrigeration compressor units

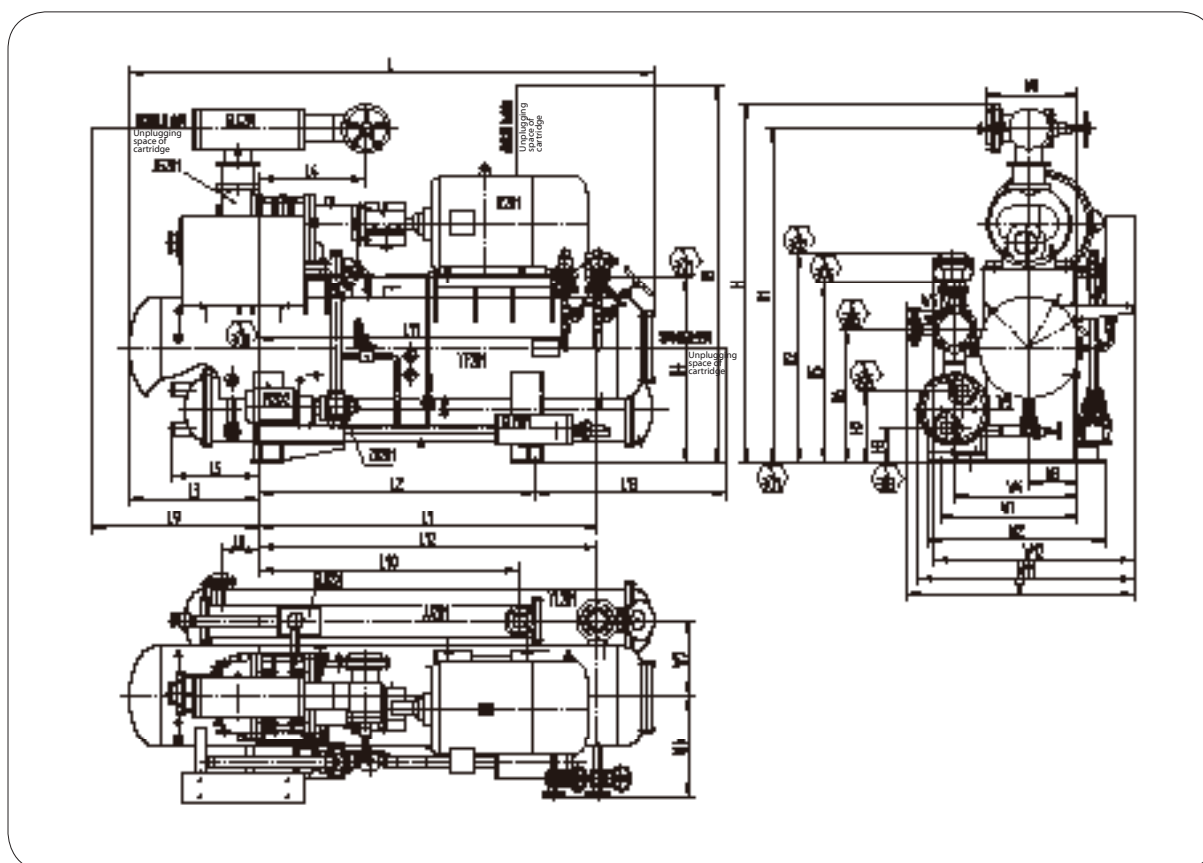
型号 Model	LG40S(R717)						LG40S(R22)						LG40S(R717)						LG40S(R22)							
	不带经济器						Without economizer						带经济器						With economizer							
	制冷量		轴功率		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power			
°C	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40		
5	8142.1	7907.1	7656.4	1098	1222	1361	7662.7	7340.3	7006.4	1042	1154	1277														
0	6791.2	6583.2	6361.6	1071	1196	1334	6469.8	6188.0	5895.7	1031	1143	1266														
-5	5612.8	5429.8	5233.2	1048	1172	1311	5424.6	5179.2	4923.3	1020	1133	1255														
-10	4594.7	4432.4	4256.7	1028	1152	1291	4513.6	4299.3	4076.8	1012	1124	1247														
-15	3720.0	3576.5	3418.4	1011	1135	1274	3722.1	3536.0	3342.5	1004	1116	1239														
-20	2975.4	2847.5	2705.0	997	1121	1259	3040.9	2878.7	2709.2	997	1109	1232														
-25	2346.2	2230.8	2101.8	985	1109	1247	2456.4	2315.0	2167.3	991	1103	1226														
-30	1818.9	1714.9	1597.4	975	1099	1237	1958.3	1835.6	1706.6	986	1098	1221														
-35	1382.1	1286.4	1178.3	966	1091	1229	1538.1	1431.0	1317.6	982	1094	1217														
-40	1023.3	934.9	834.0	960	1084	1223	1185.6	1092.0	992.1	979	1091	1214														

型号 Model	LG40M(R717)						LG40M(R22)						LG40M(R717)						LG40M(R22)									
	不带经济器						Without economizer						带经济器						With economizer									
	制冷量		轴功率		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power		Refrigeration capacity		Shaft power	
°C	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	+30	+35	+40	
5	9891.0	9607.1	9305.5	1236.5	1392.5	1556.0	9388.8	9000.0	8598.4	1241.1	1374.6	1521.0																
0	8248.0	7998.0	7730.2	1224.8	1380.8	1554.3	7924.3	7584.5	7232.6	1227.5	1361.1	1507.5																
-5	6817.1	6596.4	6358.3	1214.8	1370.7	1544.2	6642.0	6345.6	6037.8	1215.5	1349.0	1495.5																
-10	5579.6	5357.5	5179.5	1206.1	1343.2	1468.2	5524.5	5266.1	4997.2	1205.0	1338.4	1484.8																
-15	4490.8	4346.0	4189.6	1166.2	1278.7	1403.6	4555.4	4324.7	4110.8	1195.8	1317.8	1423.2																
-20	3611.4	3484.5	3363.0	1111.8	1216.4	1307.5	3716.9	3539.8	3354.8	1162.1	1258.4	1363.8																
-25	2867.5	2769.8	2663.7	1044.6	1126.6	1217.7	3020.1	2867.5	2696.2	1111.0	1207.1	1289.8																
-30	2256.4	2171.8	2078.6	969.9	1051.9	1143.2	2415.5	2288.9	2155.0	1057.6	1127.8	1204.9																
-35	1750.1	1675.9	1593.4	908.8	990.8	1082.0	1922.8	1813.9	1698.4	985.3	1055.5	1132.6																
-40	1334.4	1269.2	1195.4	858.8	940.9	1032.2	1510.0	1416.3	1316.2	924.7	995.0	1071.8																

注: Tc 为冷凝温度, Te 为蒸发温度; 测量基准: 过热度为 5°C, 过热度为有效过热度。  
 Note: Tc is condensing temperature and Te vaporization temperature; the measuring basis: the degree of superheat is 5°C and shall show effective superheat.

## 20 系列以下水冷油冷螺杆制冷压缩机组外形图

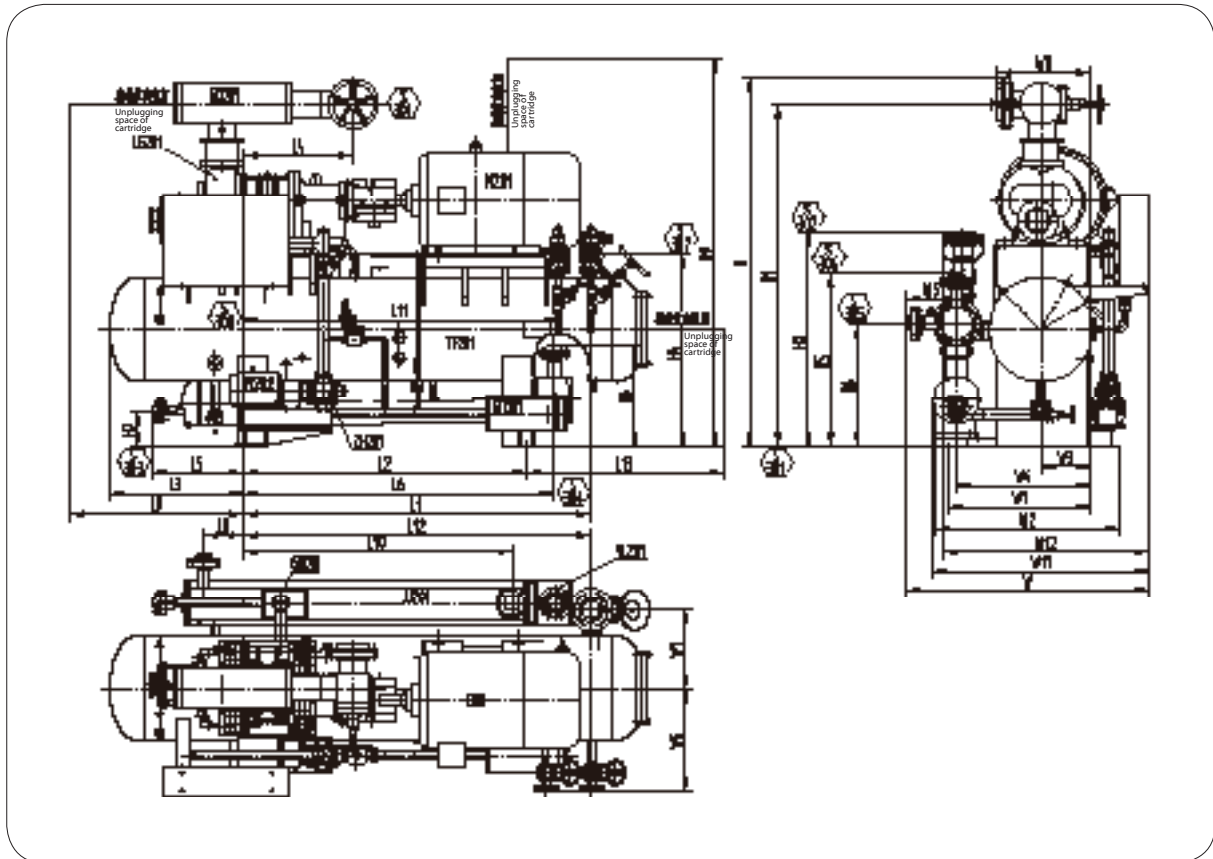
Outlines drawing of the water cooled and oil cooled screw refrigeration compressor units of series 20 below



标识 Identification	用途 Purpose	标识 Identification	用途 Purpose
S301	吸气口 Air intake port	LG201	螺杆压缩机 Screw compressor
S302	排气口 Exhaust port	M201	主电动机 Main motor
S303	油冷进水口 Oil-cooled water inlet	M202	油泵电动机 Oil pump motor
S304	油冷出水口 Oil-cooled water outlet	ZH201	油泵 Oil pump
S305	经济器进液口 Liquid inlet of economizer	YF201	油分离器 Oil separator
S306	经济器出液口 Liquid outlet of economizer	GLY201	油过滤器 Oil filter
S307	油分安全阀接口 Safety valve interface of oil separator	GLX201	吸气过滤器 Air intake filter
S308	油分安全阀接口 Safety valve interface of oil separator	YL201	水冷油冷却器 Water-cooled oil cooler
		JJ201	经济器 Economizer
		GLB201	补气过滤器 Air supply filter

## 20 系列以下液冷油冷螺杆制冷压缩机组外形图

Outlines drawing of the refrigerant and cold oil cooled screw refrigeration compressor units of 20 series below



标识 Identification	用途 Purpose	标识 Identification	用途 Purpose
S301	吸气口 Air intake port	LG201	螺杆压缩机 Screw compressor
S302	排气口 Exhaust port	M201	主电动机 Main motor
S303	油冷进液口 Oil-cooled liquid inlet	M202	油泵电动机 Oil pump motor
S304	油冷出气口 Oil-cooled air outlet	ZH201	油泵 Oil pump
S305	经济器进液口 Liquid inlet of economizer	YF201	油分离器 Oil separator
S306	经济器出液口 Liquid outlet of economizer	GLY201	油过滤器 Oil filter
S307	油分安全阀接口 Safety valve interface of oil separator	GLX201	吸气过滤器 Air intake filter
S308	油分安全阀接口 Safety valve interface of oil separator	YL201	液冷油冷却器 Liquid-cooled oil cooler
		JJ201	经济器 Economizer
		GLB201	补气过滤器 Air supply filter



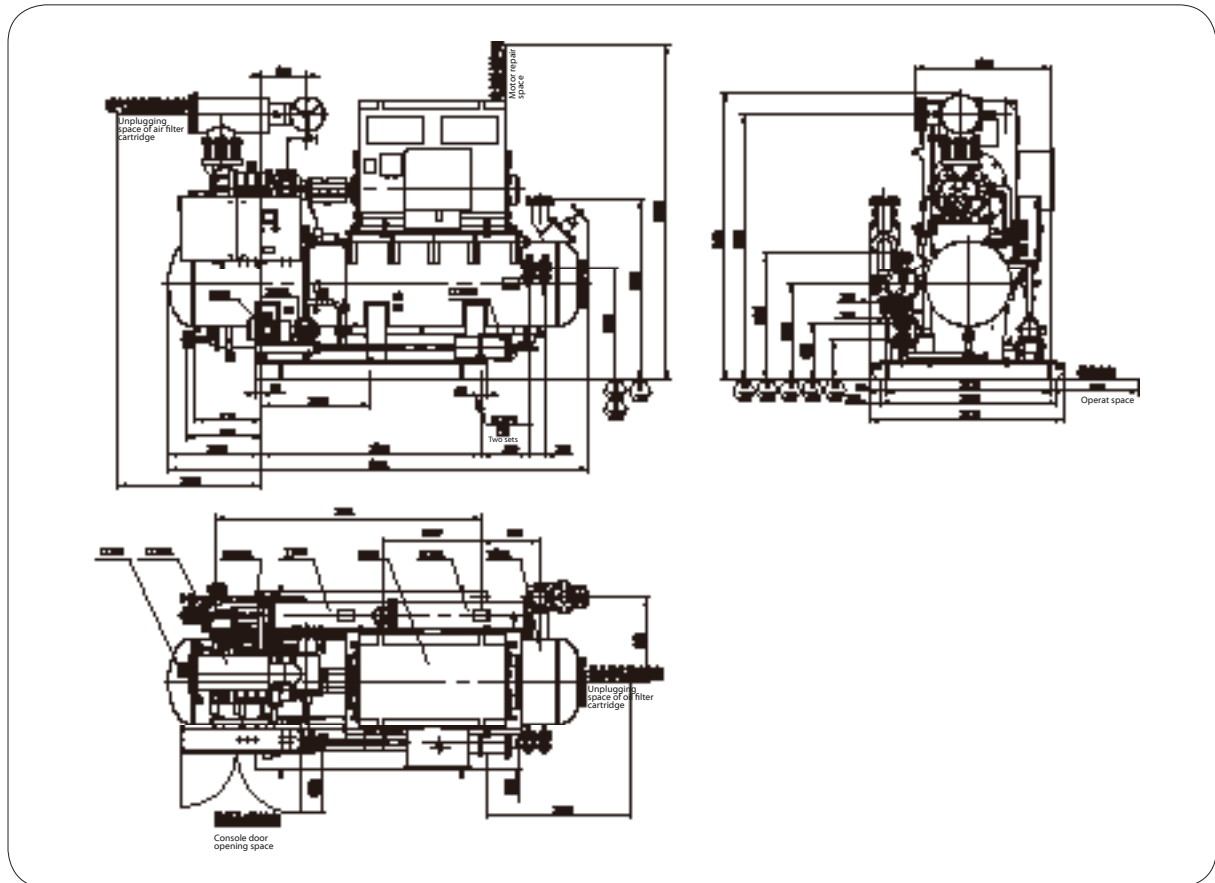
型号 Model	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	W	W1
LG12BZ	2745	1620	1280	841	414	494		588	444	570	1396		1620	1108	1350	640
LG12BY	2814	1620	1280	841	414	492	1845	588	444	570	1396		1620	1108	1350	640
LG16BSZ	3077	1891	1350	865	325	613		580	500	1010	1340		1891	2090	1362	746
LG16BSY	3077	1891	1350	865	325	587	1750	580	500	1010	1340		1891	2090	1362	746
LG16BMZ	3098	1891	1350	897	231	613		580	500	1010	1340		1891	2090	1379	746
LG16BMY	3103	1891	1350	897	231	587	1750	580	500	1010	1340		1891	2090	1420	746
LG20BSZ	3262	2080	1700	787	694	577		813	217	1210	1629		2080	1600	1601	850
LG20BSY	3262	2080	1700	787	694	558	1861	813	236	1210	1609		2080	1600	1646	850
LG20BMZ	3262	2080	1700	787	603	577		813	238	1210	1607		2080	1600	1651	850
LG20BMY	3262	2080	1700	787	603	558	1857	813	238	1210	1607		2080	1600	1646	850
LG20BLZ	3605	2238	1700	844	566.5	577		811	238	1500	1607	2128	2298	2055	1757	850
LG20BLY	3605	2238	1700	844	566.5	558	1860	811	238	1500	1607	2128	2298	2055	1757	850

型号 Model	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12	H	H1	H2	H3	H4
LG12MZ	835	209	505	269	430	376	495	0	0	1216		1775	1656	923	205	749
LG12MY	835	209	585	269	430	376	495	0	0	1161		1775	1656	923	205	749
LG16SZ	1000	250	680		512	430	628	55	55	1302.5		2030	1881	1005	214.5	813
LG16SY	1000	250	720		512	430	628	55	55	1259.5		2030	1881	1005	214.5	813
LG16MZ	1000	250	680	269	512	430	628	55	55	1302.5		2030	1881	1005	214.5	813
LG16MY	1000	250	720	269	512	430	628	55	55	1259.5		2030	1881	1005	214.5	813
LG20SZ	1152	299	815	315	585	516	680	0	0	1507		2251	2089	1259	211	881
LG20SY	1152	299	860	315	585	516	680	0	0	1468		2251	2089	1259	211	881
LG20MZ	1152	299	815	315	585	516	680	0	0	1507		2251	2089	1259	211	881
LG20MY	1152	299	860	315	585	516	680	0	0	1468		2251	2089	1259	211	881
LG20LZ	1120	363.5	922	315	628	558.5	855.5	0	0		1757	2536	2308	1664	211	901
LG20LY	1120	363.5	967	315	628	603.5	855.5	0	0		1757	2536	2308	1664	211	901

型号 Model	H5	H6	H7	H8	H9	S301	S302	S303	S304	S305	S306	S307	S308
LG12MZ	960	693	353		1835	DN80	DN65	DN32	DN32	DN50	DN50	DN20	
LG12MY	960	693		470	1835	DN80	DN65	DN25	DN40	DN50	DN50	DN20	
LG16SZ			395		2220	DN125	DN80	DN40	DN40	DN50	DN50	DN25	
LG16SY				535	2220	DN125	DN80	DN32	DN50	DN50	DN50	DN25	
LG16MZ	1069	800	395		2220	DN125	DN80	DN40	DN40	DN50	DN50	DN25	
LG16MY	972	703		535	2220	DN125	DN80	DN32	DN50	DN50	DN50	DN25	
LG20SZ	1161	847	451		2700	DN150	DN100	DN65	DN65	DN65	DN65	DN32	
LG20SY	1055	740		588	2700	DN150	DN100	DN40	DN65	DN65	DN65	DN32	
LG20MZ	1161	847	451		2700	DN150	DN100	DN65	DN65	DN65	DN65	DN32	
LG20MY	1055	740		588	2700	DN150	DN100	DN40	DN65	DN65	DN65	DN32	
LG20LZ	1161	847	451		2970	DN200	DN150	DN65	DN65	DN65	DN65	DN32	DN32
LG20LY	1055	740		588	2970	DN200	DN150	DN40	DN65	DN65	DN65	DN32	DN32

## 25 系列水冷油冷螺杆制冷压缩机组外形图

Outlines drawing of series 25 water cooled and oil cooled screw refrigeration compressor units

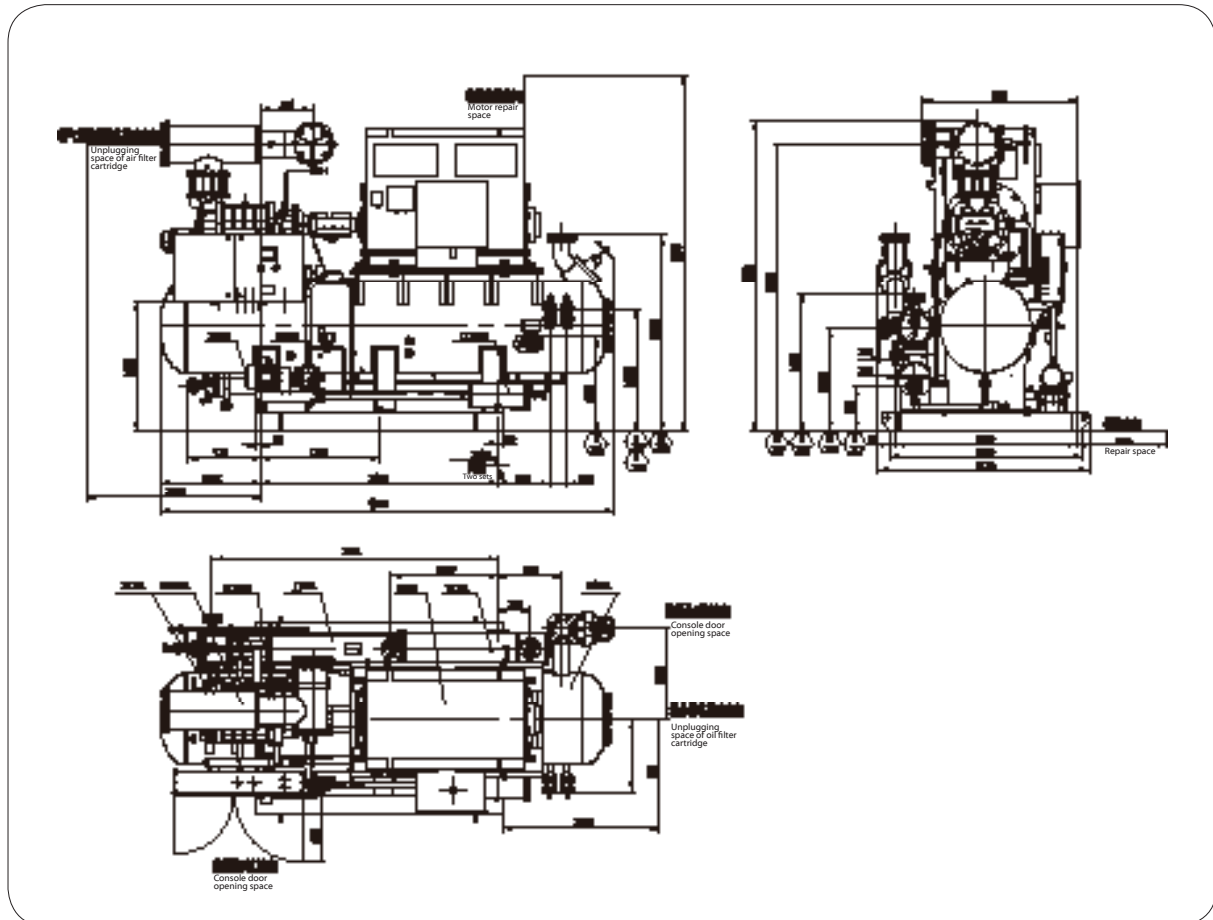


主要对外接口明细表 Main external interface specification	
标识 Identification	用途 Purpose
S301	吸气口 Air intake port
S302	排气口 Exhaust port
S303	油冷进水口 Oil-cooled water inlet
S304	油冷出水口 Oil-cooled water outlet
S305	经济器进液口 Liquid inlet of economizer
S306	经济器出液口 Liquid outlet of economizer
S307	油分安全阀接口 Safety valve interface of oil separator
S308	油分安全阀接口 Safety valve interface of oil separator

主要设备清单 Main equipments list	
代号 Code	用途 Purpose
LG201	螺杆压缩机 Screw compressor
M201	电动机 Motor
M202	电动机 Motor
ZH201	油泵 Oil pump
YF201	油分离器 Oil separator
GLY201	油过滤器 Oil filter
GLX201	吸气过滤器 Air intake filter
GLB201	补气过滤器 Air intake filter
YL201	水冷油冷却器 Water-cooled oil cooler
JJ201	经济器 Economizer

## 25 系列液冷油冷螺杆制冷压缩机组外形图

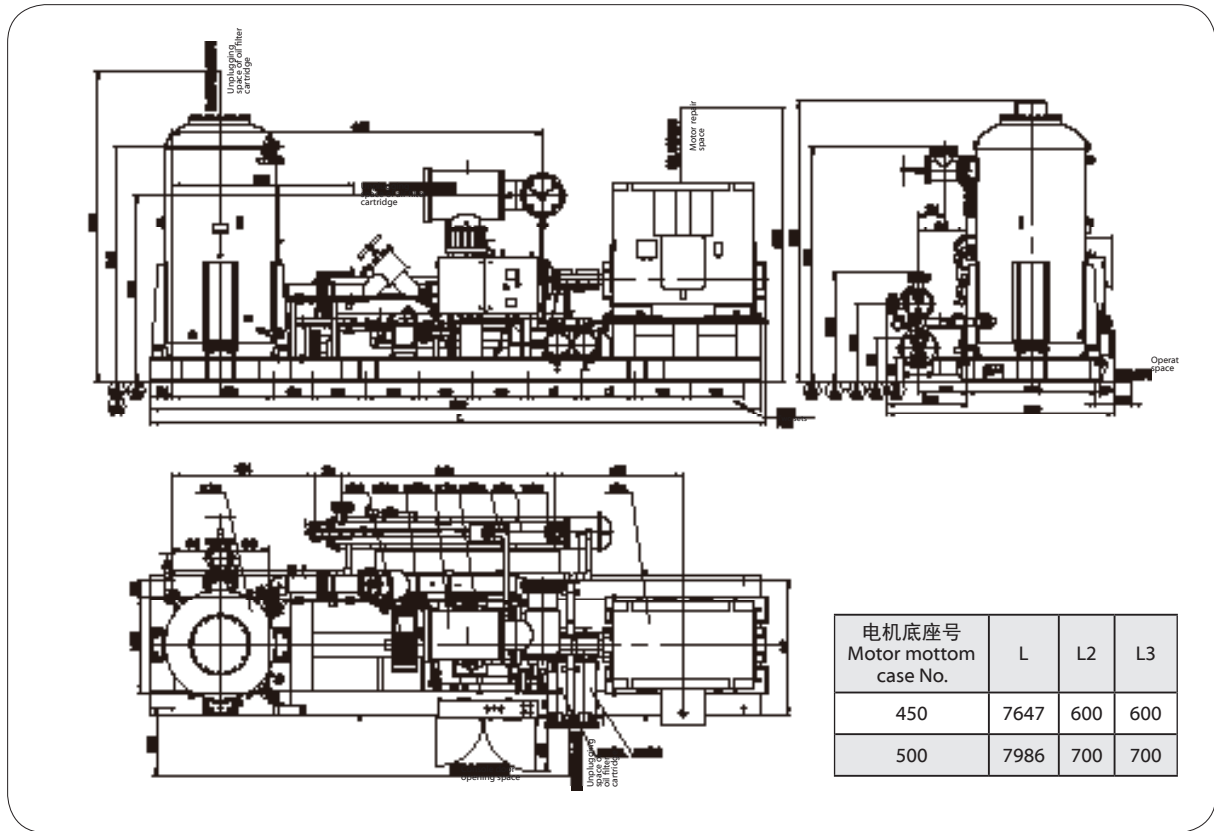
Outlines drawing of 25 series refrigerant and cold oil cooled screw refrigeration compressor units



主要对外接口明细表 Main external interface specification	
标识 Identification	用途 Purpose
S301	吸气口 Air intake port
S302	排气口 Exhaust port
S303	油冷进液口 Oil-cooled liquid inlet
S304	油冷出气口 Oil-cooled air outlet
S305	经济器进液口 Liquid inlet of economizer
S306	经济器出液口 Liquid outlet of economizer
S307	油分安全阀接口 Safety valve interface of oil separator
S308	油分安全阀接口 Safety valve interface of oil separator

主要设备清单 Main equipments list	
代号 Code	用途 Purpose
LG201	螺杆压缩机 Screw compressor
M201	电动机 Motor
M202	电动机 Motor
ZH201	油泵 Oil pump
YF201	油分离器 Oil separator
GLY201	油过滤器 Oil filter
GLX201	吸气过滤器 Air intake filter
GLB201	补气过滤器 Air supply filter
YL201	液冷油冷却器 Liquid-cooled oil cooler
JJ201	经济器 Economizer

## 32 系列水冷油冷螺杆制冷压缩机组外形图 Outlines drawing of series 32 water cooled and oil cooled screw refrigeration compressor units

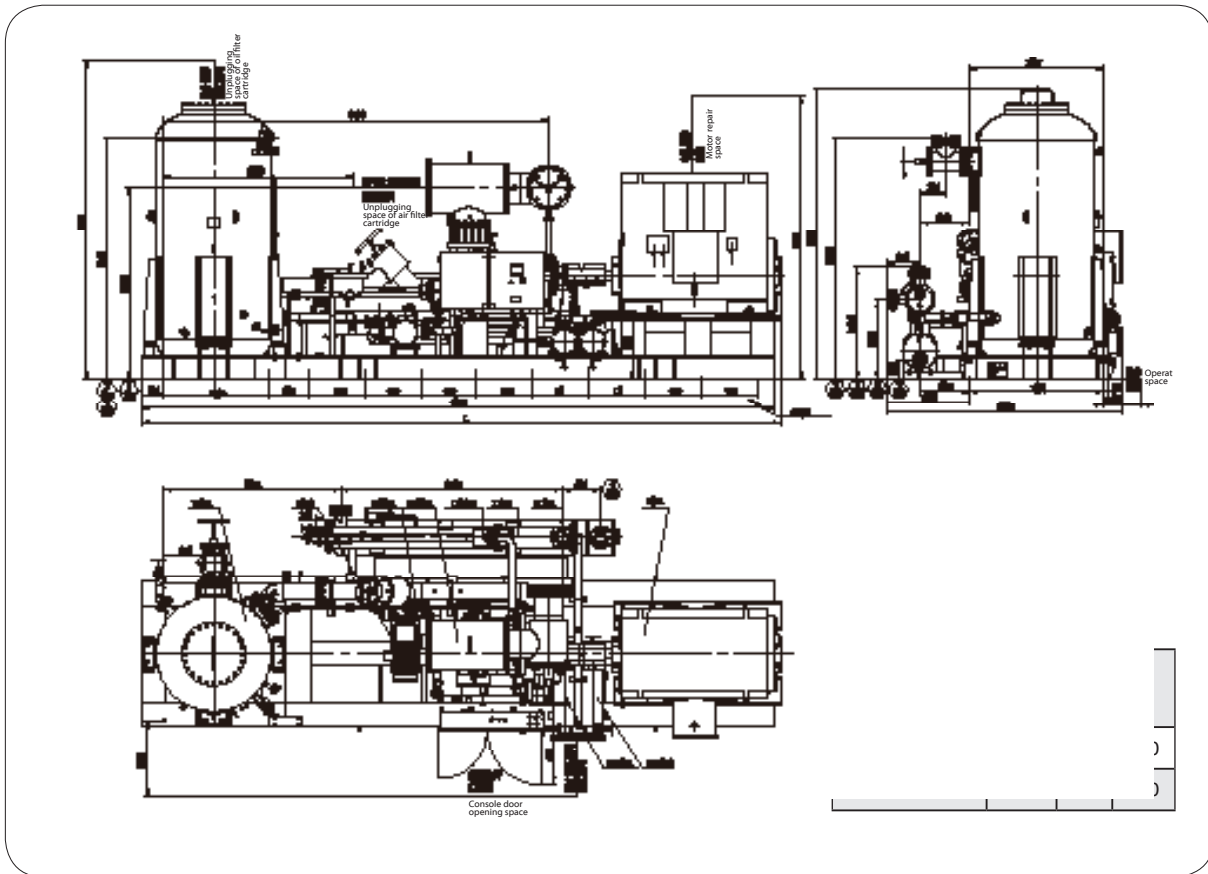


主要对外接口明细表 Main external interface specification	
标识 Identification	用途 Purpose
S301	吸气口 Air intake port
S302	排气口 Exhaust port
S303	油冷进水口 Oil-cooled water inlet
S304	油冷出水口 Oil-cooled water outlet
S305	经济器进液口 Liquid inlet of economizer
S306	经济器出液口 Liquid outlet of economizer
S307	油分安全阀接口 Safety valve interface of oil separator
S308	油分安全阀接口 Safety valve interface of oil separator

主要设备清单 Main equipments list	
代号 Code	用途 Purpose
LG201	螺杆压缩机 Screw compressor
M201	电动机 Motor
M202	电动机 Motor
ZZB201	油泵 Oil pump
YF201	油分离器 Oil separator
GLY201	油过滤器 Oil filter
GLY202	油过滤器 Oil filter
GLX201	吸气过滤器 Air intake filter
GLB201	补气过滤器 Air supply filter
YL201	水冷油冷却器 Water-cooled oil cooler
JJ201	经济器 Economizer

## 32 系列液冷油冷螺杆制冷压缩机组外形图

### Outlines drawing of 32 series refrigerant and cold oil cooled screw refrigeration compressor units



注：32 系列因配置差别较大，外形尺寸也不相同，上图仅作为参考，最终尺寸以图纸设计为准。

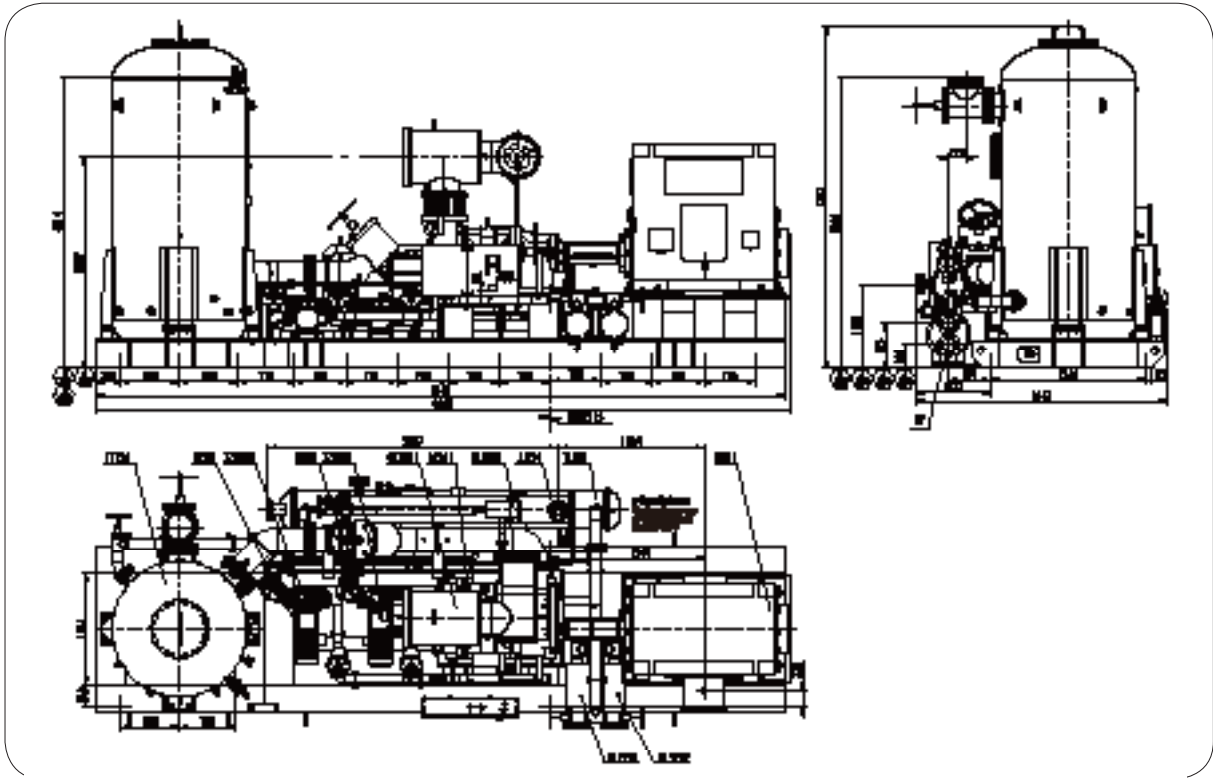
Note: the outside dimensions of series 32 units are also different because of a large difference in their configuration; the above drawing is used for structure reference only and the final dimensions shall be based on the drawing design.

主要对外接口明细表 Main external interface specification	
标识 Identification	用途 Purpose
S301	吸气口 Air intake port
S302	排气口 Exhaust port
S303	油冷进液口 Oil-cooled liquid inlet
S304	油冷出气口 Oil-cooled air outlet
S305	经济器进液口 Liquid inlet of economizer
S306	经济器出液口 Liquid outlet of economizer
S307	油分安全阀接口 Safety valve interface of oil separator
S308	油分安全阀接口 Safety valve interface of oil separator

主要设备清单 Main equipments list	
代号 Code	用途 Purpose
LG201	螺杆压缩机 Screw compressor
M201	电动机 Motor
M202	电动机 Motor
ZH201	油泵 Oil pump
YF201	油分离器 Oil separator
GLY201	油过滤器 Oil filter
GLY202	油过滤器 Oil filter
GLX201	吸气过滤器 Air intake filter
GLB201	补气过滤器 Air supply filter
YL201	液冷油冷却器 Liquid-cooled oil cooler
JJ201	经济器 Economizer

## 40 系列液冷油冷螺杆制冷压缩机组外形图

### Outlines drawing of 40 series refrigerant and cold oil cooled screw refrigeration compressor units



注：40 系列因配置差别较大，外形尺寸也不相同，上图仅作参考，最终尺寸以图纸设计为准。

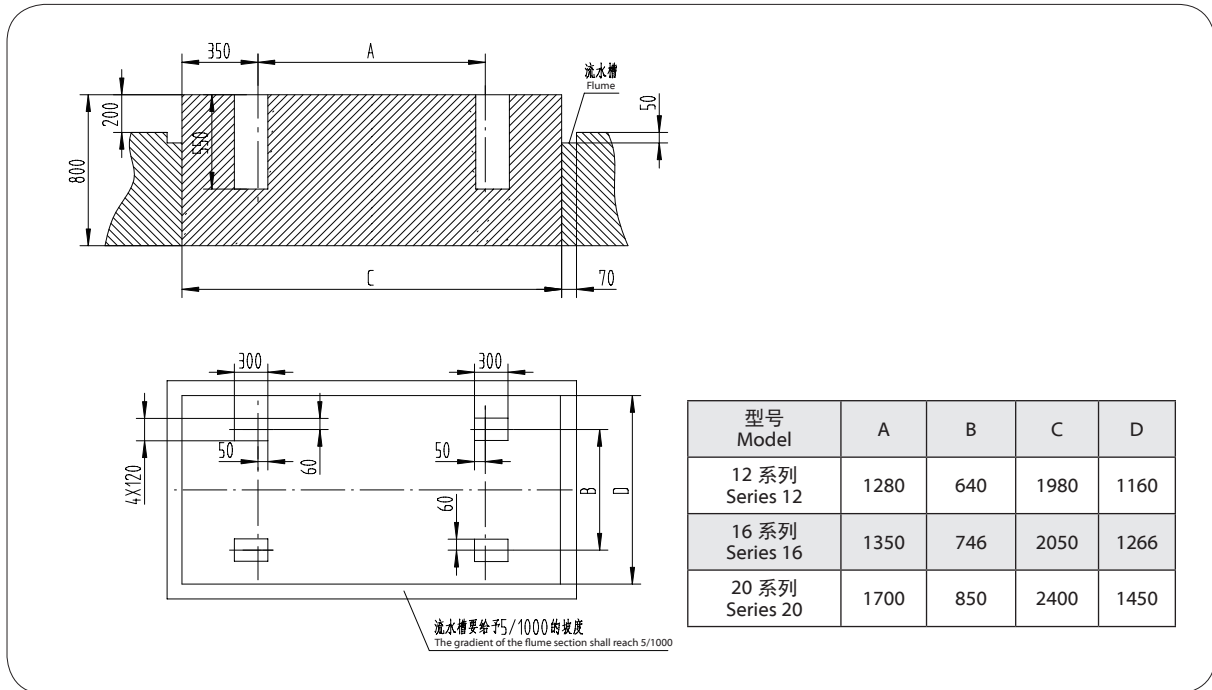
Note: the outside dimensions of series 40 units are also different because of a large difference in their configuration; the above drawing is used for structure reference only and the final dimensions shall be based on the drawing design.

主要对外接口明细表 Main external interface specification	
标识 Identification	用途 Purpose
S301	吸气口 Air intake port
S302	排气口 Exhaust port
S303	油冷进水口 Oil-cooled water inlet
S304	油冷出水口 Oil-cooled water outlet
S305	经济器进液口 Liquid inlet of economizer
S306	经济器出液口 Liquid outlet of economizer
S307	油分安全阀接口 Safety valve interface of oil separator
S308	油分安全阀接口 Safety valve interface of oil separator

主要设备清单 Main equipments list	
代号 Code	用途 Purpose
LG201	螺杆压缩机 Screw compressor
M201	电动机 Motor
M202	电动机 Motor
M203	电动机 Motor
ZZB201	油泵 Oil pump
ZZB202	油泵 Oil pump
YF201	油分离器 Oil separator
GLY201	油过滤器 Oil filter
GLY202	油过滤器 Oil filter
GLX201	吸气过滤器 Air intake filter
GLB201	补气过滤器 Air supply filter
YL201	水冷油冷却器 Water-cooled oil cooler
JJ201	经济器 Economizer

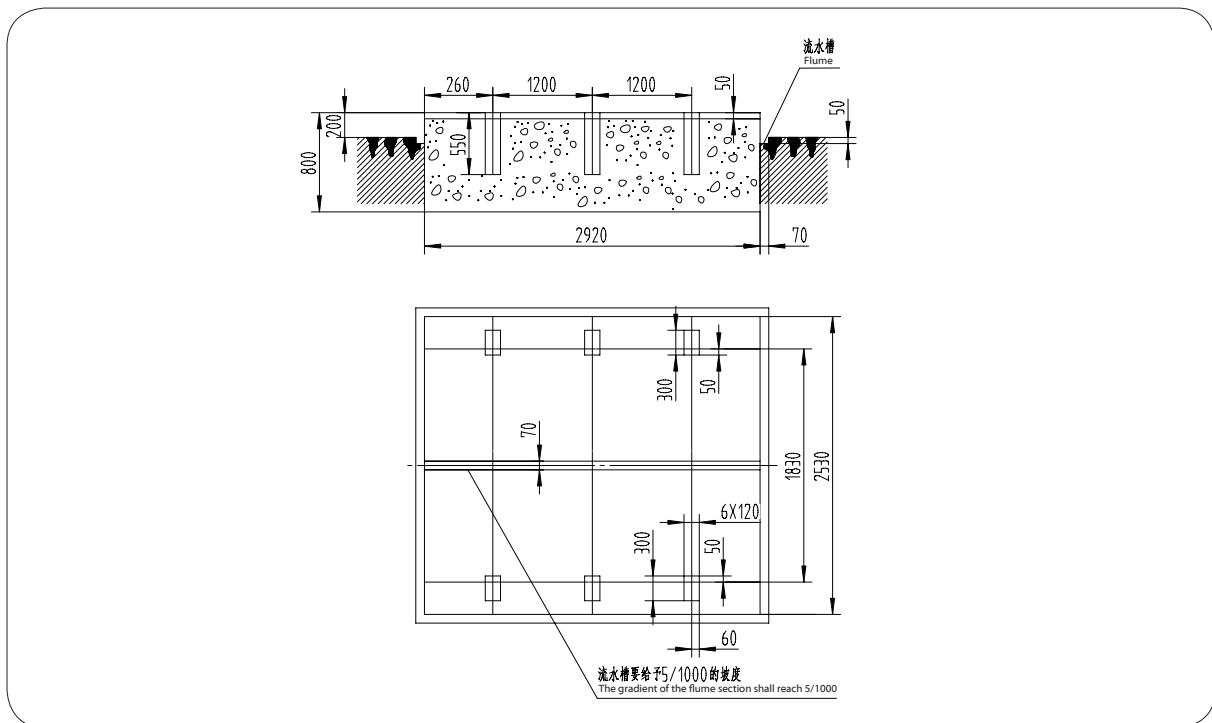
## 12-20 系列螺杆制冷压缩机组基础图

### Foundation drawing of series 12/16/20 screw compressor units



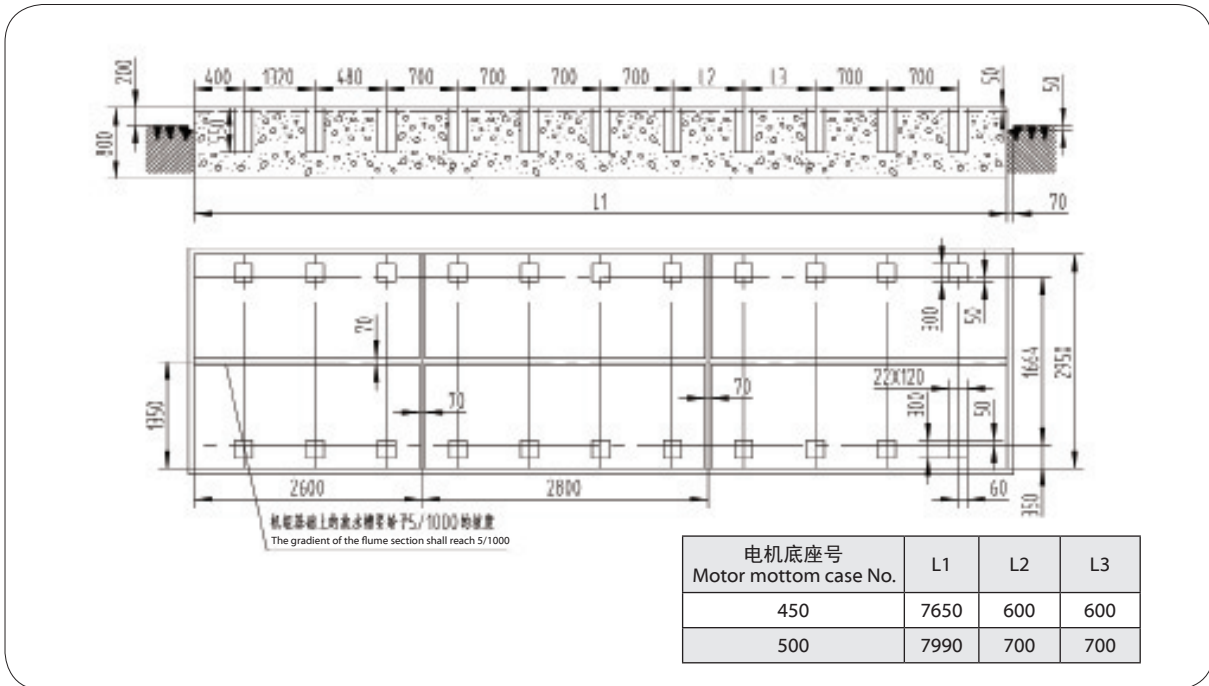
## 25 系列螺杆制冷压缩机组基础图

### Foundation drawing of series 25 screw compressor units



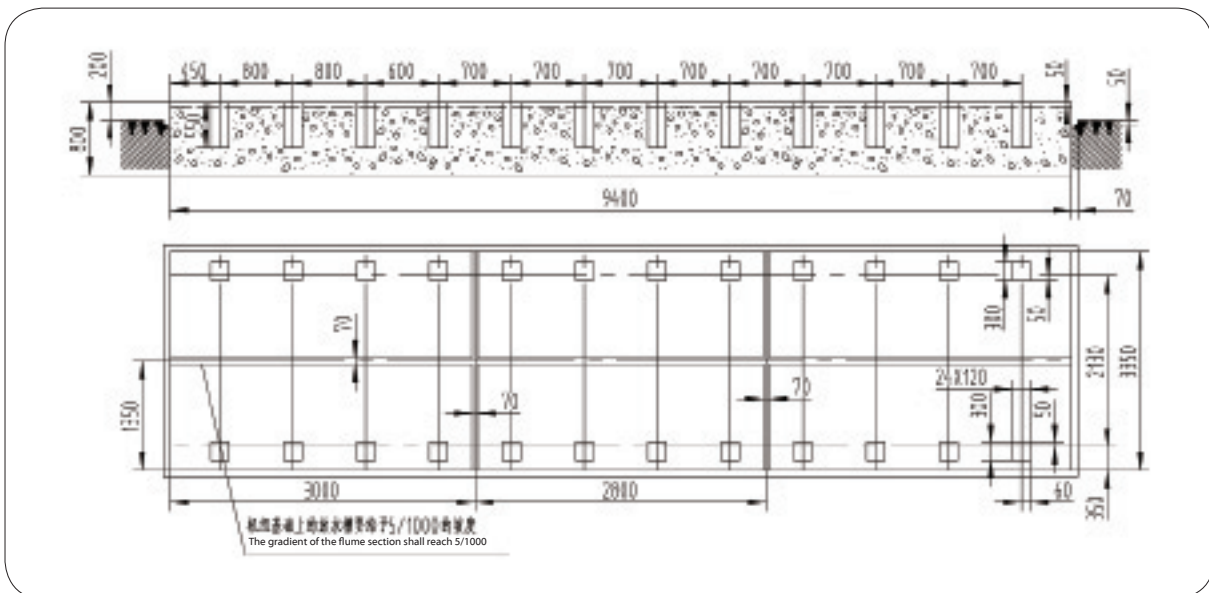
### 32 系列螺杆制冷压缩机组基础图

#### Foundation drawing of series 32 screw compressor units



### 40 系列螺杆制冷压缩机组基础图

#### Foundation drawing of series 40 screw compressor units



注：32、40 系列因配置差别较大，基础图仅作参考，最终尺寸以图纸设计为准。

Note: the outside dimensions of series 32, 40 units are also different because of a large difference in their configuration; the above drawing is used for structure reference only and the final dimensions shall be based on the drawing design.

## 常用机组产品代码表

Code table of unit products in common use

机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade
LG12M	R22	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG12MYJA	012503060002	55	380V-3P-50Hz	-35/40	IP23	无 No
				手动 Manual	LG12MYJM	012503050002	55	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG12MYJB	012503070002	65	380V-3P-50Hz	-10/40	IP23	无 No
			不带 No	自动 Automatic	LG12MYA	012501060003	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MYM	012501050004	65	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG12MYB	012501050005	55	380V-3P-50Hz	-10/40	IP23	无 No
	R717	水冷 Water-cooling	带 Yes	自动 Automatic	LG12MZJA	012503020002	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MZJM	012503010003	55	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG12MZJB	012503060002	65	380V-3P-50Hz	-10/40	IP23	无 No
			不带 No	自动 Automatic	LG12MZA	012501020002	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MZM	012501010003	65	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG12MZM	012501010006	55	380V-3P-50Hz	-10/40	IP23	无 No
LG12M	R22	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG12MZB	012501030002	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MYJA	012503060003	55	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG12MYJM	012503050003	55	380V-3P-50Hz	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG12MYB	012503070003	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MYA	012501060003	65	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG12MYB	012501050003	65	380V-3P-50Hz	-10/40	IP23	无 No
	R717	水冷 Water-cooling	带 Yes	自动 Automatic	LG12MZJA	012503020003	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MZJM	012503010004	55	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG12MZJB	012503060003	65	380V-3P-50Hz	-10/40	IP23	无 No
			不带 No	自动 Automatic	LG12MZA	012501020003	65	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG12MZM	012501010004	65	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG12MZM	012501010007	55	380V-3P-50Hz	-10/40	IP23	无 No

LG series screw refrigeration compressor units

LG165	水冷 Water-cooling	不帶 No	半自动 Semi-automatic	LG12MZJB	012503060003	65	380V-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic	LG12MZA	012501020003	65	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG12MZM	012501010003	65	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG12MZB	012501030003	65	380V-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic	LG16SYA	012507060002	90	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG16SYM	012507050002	90	380V-3P-50Hz	-10/40	IP23	无 No	
	R22	工质冷 Refrigerant-cooling	不帶 Yes	半自动 Semi-automatic	LG16SYB	012507070002	90	380V-3P-50Hz	+5/40	IP23	无 No
				自动 Automatic	LG16SZA	012507020002	90	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16SZM	012507010002	90	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16SZB	012507030002	90	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16SYA	012507060003	90	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16SYM	012507050003	90	380V-3P-50Hz	-10/40	IP23	无 No
LG16M	水冷 Water-cooling	不帶 No	半自动 Semi-automatic	LG16SYB	012507070003	90	380V-3P-50Hz	+5/40	IP23	无 No	
			自动 Automatic	LG16SZA	012507020003	90	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG16SZM	012507010003	90	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG16SZB	012507030003	90	380V-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic	LG16MYJA	012509140002	110	380V-3P-50Hz	-35/40	IP23	无 No	
			手动 Manual	LG16MYJM	012509130003	110	380V-3P-50Hz	-35/40	IP23	无 No	
	R22	工质冷 Refrigerant-cooling	帶 Yes	手动 Manual	LG16MYJM	012509130006	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MYJB	012509150002	132	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYA	012507140002	132	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16MYM	012507130004	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MYM	012507130006	110	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYB	012507150002	132	380V-3P-50Hz	+5/40	IP23	无 No
LG16M	水冷 Water-cooling	帶 Yes	自动 Automatic	LG16MZJA	012509100002	132	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG16MZJM	012509090002	110	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG16MZJB	012509110002	132	380V-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic	LG16MZJA	012509100002	132	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG16MZJM	012509090002	110	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG16MZJB	012509110002	132	380V-3P-50Hz	-10/40	IP23	无 No	

机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade
LG16M	R22	水冷 Water-cooling	不带 No	自动 Automatic	LG16MZA	012507100002	132	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16MZM	012507090002	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MZB	012507090004	110	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYJA	012507110002	132	380V-3P-50Hz	-10/40	IP23	无 No
	R717	工质冷 Refrigerant- cooling	带 Yes	手动 Manual	LG16MYJM	012509130004	110	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG16MYJB	012509130007	132	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYA	012507140003	132	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16MYM	012507130005	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MYB	012507130007	110	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYB	012507150003	132	380V-3P-50Hz	+5/40	IP23	无 No
				手动 Manual	LG16MZJA	012509100003	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MZJB	012509100003	110	380V-3P-50Hz	-35/40	IP23	无 No
	R717	水冷 Water-cooling	带 Yes	自动 Automatic	LG16MZA	012507100003	132	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG16MZM	012507090003	132	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG16MZB	012507090005	110	380V-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG16MYJA	012507110003	132	380V-3P-50Hz	-10/40	IP23	无 No
R717	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG20SYJA	012515060003	160	380V-3P-50Hz	-35/40	IP23	无 No	
			手动 Manual	LG20SYJM	012515050002	160	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20SYJB	012515050005	185	380V-3P-50Hz	-35/40	IP23	无 No	
			自动 Automatic	LG20SYA	012515070002	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SYM	012513060003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG20SYB	012513060003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic	LG20SYA	012513060003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SYM	012513050003	185	380V-3P-50Hz	-10/40	IP23	无 No	
R717	水冷 Water-cooling	不带 No	半自动 Semi-automatic	LG20SYB	012513070002	185	380V-3P-50Hz	+5/40	IP23	无 No	
			自动 Automatic	LG20SYA	012513070002	185	380V-3P-50Hz	+5/40	IP23	无 No	

R22	水冷冷 Water-cooling	带 Yes	自动 Automatic	LG20SZJA	012515020002	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SZJM	012515010002	160	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20SZJB	012515030002	185	380V-3P-50Hz	-10/40	IP23	无 No	
		不带 No	自动 Automatic	LG20SZA	012513020002	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SZM	012513010002	185	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG20SZB	012513030002	185	380V-3P-50Hz	-10/40	IP23	无 No	
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG20SYJA	012515060002	160	380V-3P-50Hz	-35/40	IP23	无 No	
			手动 Manual	LG20SYJM	012515050003	160	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20SYJM	012515050006	185	380V-3P-50Hz	-35/40	IP23	无 No	
		不带 No	自动 Automatic	LG20SYJB	012515070003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SYA	012513060004	185	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG20SYM	012513050004	185	380V-3P-50Hz	-10/40	IP23	无 No	
R717	水冷冷 Water-cooling	带 Yes	自动 Automatic	LG20SYB	012513070003	185	380V-3P-50Hz	+5/40	IP23	无 No	
			手动 Manual	LG20SZJA	012515020003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG20SZJM	012515010003	160	380V-3P-50Hz	-35/40	IP23	无 No	
		不带 No	自动 Automatic	LG20SZJB	012515030003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			手动 Manual	LG20SZA	012513020003	185	380V-3P-50Hz	-10/40	IP23	无 No	
			半自动 Semi-automatic	LG20SZM	012513010003	185	380V-3P-50Hz	-10/40	IP23	无 No	
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG20MYJA	012515140003	220	380V-3P-50Hz	-35/40	IP23	无 No	
			手动 Manual	LG20MYJA	012515140005	200	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20MYJM	012515130004	220	380V-3P-50Hz	-35/40	IP23	无 No	
		不带 No	自动 Automatic	LG20MYJM	012515130007	220	380V-3P-50Hz	-35/40	IP44	无 No	
			手动 Manual	LG20MYJM	012515130009	200	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20MYJM	0125151300011	200	380V-3P-50Hz	-35/40	IP44	无 No	
R22	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG20MYJM	012515130013	250	380V-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG20MYJB	012515150002	250	380V-3P-50Hz	-10/40	IP23	无 No	
LG20S	R22	水冷冷 Water-cooling	带 Yes	自动 Automatic	LG20SZJA	012515020002	185	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG20SZJM	012515010002	160	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG20SZJB	012515030002	185	380V-3P-50Hz	-10/40	IP23	无 No
			不带 No	自动 Automatic	LG20SZA	012513020002	185	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG20SZM	012513010002	185	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG20SZB	012513030002	185	380V-3P-50Hz	-10/40	IP23	无 No
	R717	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG20SYJA	012515060002	160	380V-3P-50Hz	-35/40	IP23	无 No
				手动 Manual	LG20SYJM	012515050003	160	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG20SYJM	012515050006	185	380V-3P-50Hz	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG20SYJB	012515070003	185	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG20SYA	012513060004	185	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG20SYM	012513050004	185	380V-3P-50Hz	-10/40	IP23	无 No
LG20M	R22	水冷冷 Water-cooling	带 Yes	自动 Automatic	LG20SYB	012513070003	185	380V-3P-50Hz	+5/40	IP23	无 No
				手动 Manual	LG20SZJA	012515020003	185	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG20SZJM	012515010003	160	380V-3P-50Hz	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG20SZJB	012515030003	185	380V-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG20SZA	012513020003	185	380V-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG20SZM	012513010003	185	380V-3P-50Hz	-10/40	IP23	无 No
	R717	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG20MYJA	012515140003	220	380V-3P-50Hz	-35/40	IP23	无 No
				手动 Manual	LG20MYJA	012515140005	200	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG20MYJM	012515130004	220	380V-3P-50Hz	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG20MYJM	012515130007	220	380V-3P-50Hz	-35/40	IP44	无 No
				手动 Manual	LG20MYJM	012515130009	200	380V-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG20MYJM	0125151300011	200	380V-3P-50Hz	-35/40	IP44	无 No



机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade
LG20M	R22	工质冷 Refrigerant- cooling	不带 No	自动 Automatic	LG20MYA	012513140002	250	380V-3P-50Hz	-10/40	IP23	无 No
					LG20MYA	012513140005	250	380V-3P-50Hz	+5/40	IP23	无 No
					LG20MYA	012513140008	250	380V-3P-50Hz	+5/40	IP44	无 No
					LG20MYA	012513140004	110	380V-3P-50Hz	-40/-10	IP23	无 No
				手动 Manual	LG20MYM	012513130004	250	380V-3P-50Hz	-10/40	IP23	无 No
					LG20MYM	012513130008	200	380V-3P-50Hz	-10/40	IP23	无 No
					LG20MYM	0125131300010	220	380V-3P-50Hz	-10/40	IP23	无 No
					LG20MYM	012513130006	110	380V-3P-50Hz	-40/-10	IP23	无 No
		水冷 Water-cooling	半自动 Semi-automatic	LG20MYB	012513150002	250	380V-3P-50Hz	+5/40	IP23	无 No	
				LG20MZJA	012515100002	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MZJM	012515090002	220	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MZJM	012515090004	2200	380V-3P-50Hz	-35/40	IP23	无 No	
			自动 Automatic	LG20MZJB	012515110002	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MZA	012513100002	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MZM	012513090002	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MZB	012513110002	250	380V-3P-50Hz	-10/40	IP23	无 No	
R717	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG20MYJA	012515140004	220	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MYJA	012515140006	200	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MYJM	012515130005	220	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MYJM	012515130008	220	380V-3P-50Hz	-35/40	IP44	无 No	
			手动 Manual	LG20MYJM	012515130010	200	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MYJM	012515130012	200	380V-3P-50Hz	-35/40	IP44	无 No	
				LG20MYJM	012515130014	250	380V-3P-50Hz	-35/40	IP23	无 No	
				LG20MYJB	012515150003	250	380V-3P-50Hz	-10/40	IP23	无 No	
R717	工质冷 Refrigerant- cooling	不带 No	自动 Automatic	LG20MYA	012513140003	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MYA	012513140007	250	380V-3P-50Hz	+5/40	IP23	无 No	
				LG20MYA	012513140009	250	380V-3P-50Hz	+5/40	IP44	无 No	
				LG20MYA	012513140006	110	380V-3P-50Hz	-40/-10	IP23	无 No	
			手动 Manual	LG20MYM	012513130005	250	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MYM	012513130009	200	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MYM	012513130011	220	380V-3P-50Hz	-10/40	IP23	无 No	
				LG20MYM	012513130007	110	380V-3P-50Hz	-40/-10	IP23	无 No	





机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade	
LG20L	R717	工质冷 Refrigerant- cooling	不带 No	自动 Automatic	LG20LYA	012513220005	315	380V-3P-50Hz	-10/40	IP23	无 No	
				手动 Manual	LG20LYM	012513210004	315	380V-3P-50Hz	-10/40	IP23	无 No	
				半自动 Semi-automatic	LG20LYM	012513210006	132	380V-3P-50Hz	-40/-10	IP23	无 No	
		自动 Automatic	LG20LYB	012513230003	315	380V-3P-50Hz	+5/40	IP23	无 No			
		手动 Manual	LG20LZA	012515180003	355	380V-3P-50Hz	-10/40	IP23	无 No			
		半自动 Semi-automatic	LG20LZM	012515170003	280	380V-3P-50Hz	-35/40	IP23	无 No			
	R22	工质冷 Refrigerant- cooling	水冷 Water-cooling	不带 No	自动 Automatic	LG20LZB	012515190003	355	380V-3P-50Hz	-10/40	IP23	无 No
					手动 Manual	LG20LZA	012513180003	315	380V-3P-50Hz	-10/40	IP23	无 No
					半自动 Semi-automatic	LG20LZM	012513170003	315	380V-3P-50Hz	-10/40	IP23	无 No
					自动 Automatic	LG20LZB	012513190003	315	380V-3P-50Hz	-10/40	IP23	无 No
					手动 Manual	LG25SYJA	012521060003	355	10kV-3P-50Hz	-35/40	IP23	无 No
					半自动 Semi-automatic	LG25SYJM	012521050003	355	10kV-3P-50Hz	-35/40	IP23	无 No
LG25S	R717	工质冷 Refrigerant- cooling	不带 No	自动 Automatic	LG25SYJA	012521060003	400	10kV-3P-50Hz	-10/40	IP23	无 No	
				手动 Manual	LG25SYJM	012521050003	400	10kV-3P-50Hz	-10/40	IP23	无 No	
				半自动 Semi-automatic	LG25SYJB	012521070002	400	10kV-3P-50Hz	-10/40	IP23	无 No	
		自动 Automatic	LG25SYA	012519060002	400	10kV-3P-50Hz	-10/40	IP23	无 No			
		手动 Manual	LG25SYM	012519050002	400	10kV-3P-50Hz	-10/40	IP23	无 No			
		半自动 Semi-automatic	LG25SYB	012519070003	400	10kV-3P-50Hz	+5/40	IP23	无 No			
	R22	工质冷 Refrigerant- cooling	水冷 Water-cooling	不带 No	自动 Automatic	LG25SZJA	012521020002	400	10kV-3P-50Hz	-10/40	IP23	无 No
					手动 Manual	LG25SZJM	012521010003	355	10kV-3P-50Hz	-35/40	IP23	无 No
					半自动 Semi-automatic	LG25SZJB	012521030003	400	10kV-3P-50Hz	-10/40	IP23	无 No
					自动 Automatic	LG25SZA	012519020003	400	10kV-3P-50Hz	-10/40	IP23	无 No
					手动 Manual	LG25SZM	012519010002	400	10kV-3P-50Hz	-10/40	IP23	无 No
					半自动 Semi-automatic	LG25SZB	012519030002	400	10kV-3P-50Hz	-10/40	IP23	无 No
LG25S	R22	工质冷 Refrigerant- cooling	不带 No	自动 Automatic	LG25SYJA	012521060002	315	10kV-3P-50Hz	-35/40	IP23	无 No	
				手动 Manual	LG25SYJM	012521050002	315	10kV-3P-50Hz	-35/40	IP23	无 No	

R717	工质冷 Refrigerant-cooling	带 Yes	手动 Manual	LG25SYJM	012521050002	315	10KV-3P-50Hz	-35/40	IP23	无 No
			半自动 Semi-automatic	LG25SYJB	012521070003	400	10KV-3P-50Hz	-10/40	IP23	无 No
		不带 No	自动 Automatic	LG25SYA	012519060003	400	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25SYM	012519050003	400	10KV-3P-50Hz	-10/40	IP23	无 No
			半自动 Semi-automatic	LG25SYB	012519070002	400	10KV-3P-50Hz	+5/40	IP23	无 No
			自动 Automatic	LG25SZJA	012521020003	400	10KV-3P-50Hz	-10/40	IP23	无 No
	Water-cooling	带 Yes	手动 Manual	LG25SZJM	012521010002	315	10KV-3P-50Hz	-35/40	IP23	无 No
			半自动 Semi-automatic	LG25SZJB	012521030002	400	10KV-3P-50Hz	-10/40	IP23	无 No
			自动 Automatic	LG25SZA	012519020002	400	10KV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG25SZM	012519010003	400	10KV-3P-50Hz	-10/40	IP23	无 No
			半自动 Semi-automatic	LG25SZB	012519030003	400	10KV-3P-50Hz	-10/40	IP23	无 No
			自动 Automatic	LG25MYJA	012521140005	450	10KV-3P-50Hz	-35/40	IP23	无 No
R22	工质冷 Refrigerant-cooling	带 Yes	手动 Manual	LG25MYJM	012521130002	450	10KV-3P-50Hz	-35/40	IP23	无 No
			半自动 Semi-automatic	LG25MYJB	012521150003	560	10KV-3P-50Hz	-10/40	IP23	无 No
		不带 No	自动 Automatic	LG25MYA	012519140004	500	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25MYA	012519140005	200	10KV-3P-50Hz	-40/-10	IP23	无 No
			半自动 Semi-automatic	LG25MYM	012519130003	500	10KV-3P-50Hz	-10/40	IP23	无 No
			自动 Automatic	LG25MYB	012519150003	500	10KV-3P-50Hz	+5/40	IP23	无 No
	Water-cooling	带 Yes	自动 Automatic	LG25MZJA	012521100003	560	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25MZJM	012521090003	450	10KV-3P-50Hz	-35/40	IP23	无 No
		不带 No	半自动 Semi-automatic	LG25MZJB	012521110003	560	10KV-3P-50Hz	-10/40	IP23	无 No
			自动 Automatic	LG25MZA	012519100003	500	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25MZM	012519090002	500	10KV-3P-50Hz	-10/40	IP23	无 No
			半自动 Semi-automatic	LG25MZB	012519110003	500	10KV-3P-50Hz	-10/40	IP23	无 No

机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade
LG25M	R717	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG25MYJA	012521140004	400	10KV-3P-50Hz	-35/40	IP23	无 No
				手动 Manual	LG25MYJM	012521130003	400	10KV-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG25MYJM	012521130004	450	10KV-3P-50Hz	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG25MYJB	012521150002	500	10KV-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG25MYA	012519140003	500	10KV-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG25MYA	012519140006	200	10KV-3P-50Hz	-40/-10	IP23	无 No
	R22	工质冷 Refrigerant- cooling	不带 No	手动 Manual	LG25MYM	012519130002	500	10KV-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG25MYB	012519150002	500	10KV-3P-50Hz	+5/40	IP23	无 No
				自动 Automatic	LG25MZJA	012521100002	500	10KV-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG25MZJM	012521090002	400	10KV-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG25MZJB	012521100002	500	10KV-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG25MZA	012519100002	500	10KV-3P-50Hz	-10/40	IP23	无 No
LG25M	R717	水冷 Water-cooling	带 Yes	手动 Manual	LG25MZM	012519090003	500	10KV-3P-50Hz	-10/40	IP23	无 No
				半自动 Semi-automatic	LG25MZB	012519100002	500	10KV-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG25LYJA	012521220005	500	10KV-3P-50Hz	-35/40	IP23	无 No
			不带 No	手动 Manual	LG25LYJM	012521210003	500	10KV-3P-50Hz	-35/40	IP23	无 No
				半自动 Semi-automatic	LG25LYJB	012521230004	630	10KV-3P-50Hz	-10/40	IP23	无 No
				自动 Automatic	LG25LYA	012519220004	630	10KV-3P-50Hz	-10/40	IP23	无 No
	R22	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG25LYA	012519220004	630	10KV-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG25LYA	012519220005	220	10KV-3P-50Hz	-40/-10	IP23	无 No
				半自动 Semi-automatic	LG25LYM	012519210004	630	10KV-3P-50Hz	-10/40	IP23	无 No
				手动 Manual	LG25LYM	012519210007	220	10KV-3P-50Hz	-40/-10	IP23	无 No
				半自动 Semi-automatic	LG25LYB	012519230003	630	10KV-3P-50Hz	+5/40	IP23	无 No
				自动 Automatic	LG25LZA	012521180004	630	10KV-3P-50Hz	-10/40	IP23	无 No
R22	工质冷 Refrigerant- cooling	带 Yes	手动 Manual	LG25LZM	012521170004	500	10KV-3P-50Hz	-35/40	IP23	无 No	
			半自动 Semi-automatic	LG25LZB	012521190004	630	10KV-3P-50Hz	-10/40	IP23	无 No	
			自动 Automatic								
			手动 Manual								
			半自动 Semi-automatic								
			自动 Automatic								

LG series screw refrigeration compressor units

LG25L	水冷 Water-cooling	不带 No	自动 Automatic	LG25LZA	012519180003	630	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25LZM	012519170003	630	10KV-3P-50Hz	-10/40	IP23	无 No
			半自动 Semi-automatic	LG25LZB	012519190003	630	10KV-3P-50Hz	-10/40	IP23	无 No
		带 Yes	自动 Automatic	LG25LYJA	012521220004	450	10KV-3P-50Hz	-35/40	IP23	无 No
			手动 Manual	LG25LYJM	012521210004	450	10KV-3P-50Hz	-35/40	IP23	无 No
			半自动 Semi-automatic	LG25LYJB	012521230003	630	10KV-3P-50Hz	-10/40	IP23	无 No
	工质冷 Refrigerant-cooling	不带 No	自动 Automatic	LG25LYA	012519220003	560	10KV-3P-50Hz	-10/40	IP23	无 No
			手动 Manual	LG25LYV	012519220006	220	10KV-3P-50Hz	-40/-10	IP23	无 No
			半自动 Semi-automatic	LG25LYM	012519210003	560	10KV-3P-50Hz	-10/40	IP23	无 No
		带 Yes	半自动 Semi-automatic	LG25LYB	012519210006	220	10KV-3P-50Hz	-40/-10	IP23	无 No
			自动 Automatic	LG25LZA	012519230002	630	10KV-3P-50Hz	+5/40	IP23	无 No
			手动 Manual	LG25LZJ	012521180003	630	10KV-3P-50Hz	-10/40	IP23	无 No
水冷 Water-cooling	不带 No	半自动 Semi-automatic	LG25LZJM	012521170003	450	10KV-3P-50Hz	-35/40	IP23	无 No	
		自动 Automatic	LG25LZJB	012521190003	630	10KV-3P-50Hz	-10/40	IP23	无 No	
		手动 Manual	LG25LZA	012519180002	560	10KV-3P-50Hz	-10/40	IP23	无 No	
	带 Yes	半自动 Semi-automatic	LG25LZM	012519170002	560	10KV-3P-50Hz	-10/40	IP23	无 No	
		自动 Automatic	LG25LZB	012519190002	560	10KV-3P-50Hz	-10/40	IP23	无 No	
		手动 Manual	LG32SYJA	012527060002	630	10KV-3P-50Hz	-35/40	IP23	无 No	
工质冷 Refrigerant-cooling	不带 No	半自动 Semi-automatic	LG32SYJM	012527050002	630	10KV-3P-50Hz	-35/40	IP23	无 No	
		自动 Automatic	LG32SYA	012525060004	710	10KV-3P-50Hz	-10/40	IP23	无 No	
		手动 Manual	LG32SYV	012525060006	800	10KV-3P-50Hz	+5/40	IP23	无 No	
	带 Yes	半自动 Semi-automatic	LG32SYM	012525050002	710	10KV-3P-50Hz	-10/40	IP23	无 No	
		自动 Automatic	LG32SZJA	012527020002	800	10KV-3P-50Hz	-10/40	IP23	无 No	
		手动 Manual	LG32SZJM	012527010002	630	10KV-3P-50Hz	-35/40	IP23	无 No	
水冷 Water-cooling	不带 No	自动 Automatic	LG32SZA	012525020002	710	10KV-3P-50Hz	-10/40	IP23	无 No	
		手动 Manual	LG32SZM	012525010002	710	10KV-3P-50Hz	-10/40	IP23	无 No	
		半自动 Semi-automatic	LG32SZB	012525010002	710	10KV-3P-50Hz	-10/40	IP23	无 No	
	带 Yes	自动 Automatic	LG32SYA	012527060002	630	10KV-3P-50Hz	-35/40	IP23	无 No	
		手动 Manual	LG32SYM	012527050002	630	10KV-3P-50Hz	-35/40	IP23	无 No	
		半自动 Semi-automatic	LG32SYJ	012527050002	630	10KV-3P-50Hz	-35/40	IP23	无 No	

机头型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	控制方式 Control model	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	设计工况 Designing condition	防护等级 Protection grade	防爆等级 Explosion- proof grade
LG32S	R717	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG32SYJA	012527060003	630	10KV-3P-50HZ	-35/40	IP23	无 No
				手动 Manual	LG32SYJM	012527050003	630	10KV-3P-50HZ	-35/40	IP23	无 No
			不带 No	自动 Automatic	LG32SYA	012525060005	710	10KV-3P-50HZ	-10/40	IP23	无 No
				自动 Automatic	LG32SYA	012525060007	800	10KV-3P-50HZ	+5/40	IP23	无 No
				手动 Manual	LG32SYM	012525050003	710	10KV-3P-50HZ	-10/40	IP23	无 No
				自动 Automatic	LG32SZJA	012527020003	800	10KV-3P-50HZ	-10/40	IP23	无 No
	水冷 Water-cooling	带 Yes	水冷 Water-cooling	手动 Manual	LG32SZJM	012527010003	630	10KV-3P-50HZ	-35/40	IP23	无 No
				自动 Automatic	LG32SZA	012525020003	710	10KV-3P-50HZ	-10/40	IP23	无 No
		不带 No		手动 Manual	LG32SZM	012525010003	710	10KV-3P-50HZ	-10/40	IP23	无 No
				自动 Automatic	LG32MYJA	012527140003	800	10KV-3P-50HZ	-35/40	IP23	无 No
				手动 Manual	LG32MYJM	012527130002	800	10KV-3P-50HZ	-35/40	IP23	无 No
				自动 Automatic	LG32MYA	012525140004	900	10KV-3P-50HZ	-10/40	IP23	无 No
LG32M	R22	工质冷 Refrigerant- cooling	带 Yes	自动 Automatic	LG32MYA	012525140006	1000	10KV-3P-50HZ	+5/40	IP23	无 No
				手动 Manual	LG32MYM	012525130003	900	10KV-3P-50HZ	-10/40	IP23	无 No
			不带 No	自动 Automatic	LG32MZJA	012527100002	1000	10KV-3P-50HZ	-10/40	IP23	无 No
				手动 Manual	LG32MZJM	012527090002	800	10KV-3P-50HZ	-35/40	IP23	无 No
				自动 Automatic	LG32MZA	012525100002	900	10KV-3P-50HZ	-10/40	IP23	无 No
				手动 Manual	LG32MZM	012525090002	900	10KV-3P-50HZ	-10/40	IP23	无 No
	水冷 Water-cooling	带 Yes	水冷 Water-cooling	自动 Automatic	LG32MYJA	012527140004	710	10KV-3P-50HZ	-35/40	IP23	无 No
				手动 Manual	LG32MYJM	012527130003	710	10KV-3P-50HZ	-35/40	IP23	无 No
		不带 No		自动 Automatic	LG32MYA	012525140005	900	10KV-3P-50HZ	-10/40	IP23	无 No
				自动 Automatic	LG32MYA	012525140007	1000	10KV-3P-50HZ	+5/40	IP23	无 No
				手动 Manual	LG32MYM	012525130004	900	10KV-3P-50HZ	-10/40	IP23	无 No
				自动 Automatic							

	水冷 Water-cooling	带 Yes	自动 Automatic	LG32MZJA	012527100003	900	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32MZJM	012527090003	710	10kV-3P-50Hz	-35/40	IP23	无 No
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG32MZA	012525100003	900	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32MZM	012525090003	900	10kV-3P-50Hz	-10/40	IP23	无 No
	水冷 Water-cooling	带 Yes	自动 Automatic	LG32LYJA	012527220002	900	10kV-3P-50Hz	-35/40	IP23	无 No
		不带 No	手动 Manual	LG32LYJM	012527210002	900	10kV-3P-50Hz	-35/40	IP23	无 No
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG32LYA	012525220004	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LYM	012525220006	1120	10kV-3P-50Hz	+5/40	IP23	无 No
	水冷 Water-cooling	带 Yes	自动 Automatic	LG32LZJA	012527180002	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LZJM	012527170002	900	10kV-3P-50Hz	-35/40	IP23	无 No
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG32LZA	012525180002	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LZM	012525170002	1120	10kV-3P-50Hz	-10/40	IP23	无 No
	水冷 Water-cooling	带 Yes	自动 Automatic	LG32LYJA	012527220003	900	10kV-3P-50Hz	-35/40	IP23	无 No
		不带 No	手动 Manual	LG32LYJM	012527210003	900	10kV-3P-50Hz	-35/40	IP23	无 No
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG32LYA	012525220005	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LYM	012525220007	1120	10kV-3P-50Hz	+5/40	IP23	无 No
	水冷 Water-cooling	带 Yes	自动 Automatic	LG32LZJA	012527180003	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LZJM	012527170003	900	10kV-3P-50Hz	-35/40	IP23	无 No
	工质冷 Refrigerant-cooling	带 Yes	自动 Automatic	LG32LZA	012525180003	1120	10kV-3P-50Hz	-10/40	IP23	无 No
		不带 No	手动 Manual	LG32LZM	012525170003	1120	10kV-3P-50Hz	-10/40	IP23	无 No

LG32L

R22

R717

## 常用内容积比可调机组产品代码表

Code table of regulable for internal volume ratio unit products in common use

机组型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	防护等级 Protection grade	防爆等级 Explosion-proof grade
LG12M	R22	工质冷 Refrigerant-cooling	带 Yes	LG12MYJA	012503080000	65	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	不带 No	LG12MYA	012501080000	65	380-3P-50Hz	IP23	无 No
			带 Yes	LG12MZJA	012503040000	65	380-3P-50Hz	IP23	无 No
	R717	工质冷 Refrigerant-cooling	不带 No	LG12MZA	012501040000	65	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG12MYJA	012503080001	55	380-3P-50Hz	IP23	无 No
			不带 No	LG12MYA	012501080001	65	380-3P-50Hz	IP23	无 No
LG16S	R22	工质冷 Refrigerant-cooling	带 Yes	LG12MZJA	012503040001	65	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	不带 No	LG12MZA	012501040001	65	380-3P-50Hz	IP23	无 No
			不带 No	LG16SYA	012507080000	90	380-3P-50Hz	IP23	无 No
	R717	工质冷 Refrigerant-cooling	不带 No	LG16SZA	012507040000	90	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG16SYA	012507080001	90	380-3P-50Hz	IP23	无 No
			不带 No	LG16SZA	012507040001	90	380-3P-50Hz	IP23	无 No
LG16M	R22	工质冷 Refrigerant-cooling	带 Yes	LG16MYJA	012509160000	132	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	不带 No	LG16MYA	012507160001	132	380-3P-50Hz	IP23	无 No
			带 Yes	LG16MZJA	012509120000	132	380-3P-50Hz	IP23	无 No
	R717	工质冷 Refrigerant-cooling	不带 No	LG16MZA	012507120000	132	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG16MYJA	012509160001	132	380-3P-50Hz	IP23	无 No
			不带 No	LG16MYA	012507160002	132	380-3P-50Hz	IP23	无 No
R22	R22	工质冷 Refrigerant-cooling	带 Yes	LG16MZJA	012509120001	132	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	不带 No	LG16MZA	012507120001	132	380-3P-50Hz	IP23	无 No
			带 Yes	LG20SYJA	012515080001	185	380-3P-50Hz	IP23	无 No
	R717	工质冷 Refrigerant-cooling	不带 No	LG20SYA	012513080000	185	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20SZJA	012515040000	185	380-3P-50Hz	IP23	无 No
			不带 No	LG20SZA	012513040001	185	380-3P-50Hz	IP23	无 No

LG20S	R717	工质冷 Refrigerant-cooling	带 Yes	LG20SYJA	012515080000	185	380-3P-50Hz	IP23	无 No
			不带 No	LG20SYA	012513080001	185	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20SZJA	012515040001	185	380-3P-50Hz	IP23	无 No
			不带 No	LG20SZA	012513040000	185	380-3P-50Hz	IP23	无 No
	R22	工质冷 Refrigerant-cooling	带 Yes	LG20MYJA	012515160001	250	380-3P-50Hz	IP23	无 No
			不带 No	LG20MYA	012513160000	250	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20MZJA	012515120000	250	380-3P-50Hz	IP23	无 No
			不带 No	LG20MZA	012513120001	250	380-3P-50Hz	IP23	无 No
LG20M	R717	工质冷 Refrigerant-cooling	带 Yes	LG20MYJA	012515160000	250	380-3P-50Hz	IP23	无 No
			不带 No	LG20MYA	012513160001	250	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20MZJA	012515120000	250	380-3P-50Hz	IP23	无 No
			不带 No	LG20MZA	012513120001	250	380-3P-50Hz	IP23	无 No
	R22	工质冷 Refrigerant-cooling	带 Yes	LG20LYJA	012515240002	315	380-3P-50Hz	IP23	无 No
			不带 No	LG20LYA	012513240000	315	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20LZJA	012515200002	315	380-3P-50Hz	IP23	无 No
			不带 No	LG20LZA	012513200000	315	380-3P-50Hz	IP23	无 No
LG20L	R717	工质冷 Refrigerant-cooling	带 Yes	LG20LYJA	012515240001	315	380-3P-50Hz	IP23	无 No
			不带 No	LG20LYA	012513240001	315	380-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG20LZJA	012515200001	315	380-3P-50Hz	IP23	无 No
			不带 No	LG20LZA	012513200001	315	380-3P-50Hz	IP23	无 No
	R22	工质冷 Refrigerant-cooling	带 Yes	LG25SYJA	012521080001	450	10k-3P-50Hz	IP23	无 No
			不带 No	LG25SYA	012519080001	450	10k-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG25SZJA	012521040001	450	10k-3P-50Hz	IP23	无 No
			不带 No	LG25SZA	012519040001	450	10k-3P-50Hz	IP23	无 No
LG25S	R717	工质冷 Refrigerant-cooling	带 Yes	LG25SYJA	012521080002	450	10k-3P-50Hz	IP23	无 No
			不带 No	LG25SYA	012519080000	450	10k-3P-50Hz	IP23	无 No
		水冷 Water-cooling	带 Yes	LG25SZJA	012521040000	450	10k-3P-50Hz	IP23	无 No
			不带 No	LG25SZA	012519040000	450	10k-3P-50Hz	IP23	无 No

机组型号 Head code	工质 Refrigerant	油冷型式 Oil cooling type	是否带经济器 Whether with economizer	机组型号 Unit code	产品代码 Product code	电机功率 Motor power	电制 Electrical system	防护等级 Protection grade	防爆等级 Explosion-proof grade	
LG25M	R22	工质冷 Refrigerant-cooling	带 Yes	LG25MYJA	012521160001	500	10k-3P-50Hz	IP23	无 No	
			不带 No	LG25MYA	012519160001	500	10k-3P-50Hz	IP23	无 No	
		水冷 Water-cooling	带 Yes	LG25MZJA	012521120001	500	10k-3P-50Hz	500	10k-3P-50Hz	IP23
	不带 No		LG25MZA	012519120001	500	10k-3P-50Hz	500	10k-3P-50Hz	IP23	无 No
	带 Yes		LG25MYJA	012521160000	500	10k-3P-50Hz	500	10k-3P-50Hz	IP23	无 No
	LG25L	R717	工质冷 Refrigerant-cooling	不带 No	LG25MYA	012519160000	500	10k-3P-50Hz	IP23	无 No
带 Yes				LG25MZJA	012521120000	500	10k-3P-50Hz	IP23	无 No	
水冷 Water-cooling			不带 No	LG25MZA	012519120000	500	10k-3P-50Hz	500	10k-3P-50Hz	IP23
		带 Yes	LG25LYJA	012521240001	630	10k-3P-50Hz	630	10k-3P-50Hz	IP23	无 No
		不带 No	LG25LYA	012519240001	630	10k-3P-50Hz	630	10k-3P-50Hz	IP23	无 No
LG32S		R22	工质冷 Refrigerant-cooling	带 Yes	LG25LZJA	012521200001	630	10k-3P-50Hz	IP23	无 No
	不带 No			LG25LZA	012519200001	630	10k-3P-50Hz	IP23	无 No	
	水冷 Water-cooling		带 Yes	LG25LYJA	012521240000	630	10k-3P-50Hz	630	10k-3P-50Hz	IP23
		不带 No	LG25LYA	012519240000	630	10k-3P-50Hz	630	10k-3P-50Hz	IP23	无 No
		带 Yes	LG25LZJA	012521200000	630	10k-3P-50Hz	630	10k-3P-50Hz	IP23	无 No
	R717	R22	工质冷 Refrigerant-cooling	带 Yes	LG32SYJA	012527080000	800	10k-3P-50Hz	IP23	无 No
不带 No				LG32SYA	012525080001	800	10k-3P-50Hz	IP23	无 No	
水冷 Water-cooling			带 Yes	LG32SZJA	012527040001	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23
		不带 No	LG32SZA	012525040001	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23	无 No
		带 Yes	LG32SYJA	012527080001	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23	无 No
R717		R22	工质冷 Refrigerant-cooling	不带 No	LG32SZJA	012525040001	800	10k-3P-50Hz	IP23	无 No
	带 Yes			LG32SYJA	012527080001	800	10k-3P-50Hz	IP23	无 No	
	水冷 Water-cooling		不带 No	LG32SZA	012525040001	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23
		带 Yes	LG32SYJA	012527080001	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23	无 No
		不带 No	LG32SYA	012525080000	800	10k-3P-50Hz	800	10k-3P-50Hz	IP23	无 No

LG32M	R22	水冷 Water-cooling	不带 No	LG32SZA	012525040000	800	10k-3P-50Hz	IP23	无 No
		工质冷 Refrigerant-cooling	带 Yes	LG32MYJA	012527160000	1000	10k-3P-50Hz	IP23	无 No
LG32M	R22	水冷 Water-cooling	不带 No	LG32MYA	012525160001	1000	10k-3P-50Hz	IP23	无 No
			带 Yes	LG32MZJA	012527120000	1000	10k-3P-50Hz	IP23	无 No
LG32M	R717	工质冷 Refrigerant-cooling	不带 No	LG32MZA	012525120001	1000	10k-3P-50Hz	IP23	无 No
			带 Yes	LG32MYJA	012527160001	1000	10k-3P-50Hz	IP23	无 No
LG32L	R22	水冷 Water-cooling	不带 No	LG32MZA	012525120000	1000	10k-3P-50Hz	IP23	无 No
			带 Yes	LG32MZJA	012527120001	1000	10k-3P-50Hz	IP23	无 No
LG32L	R22	工质冷 Refrigerant-cooling	带 Yes	LG32LYJA	012527240001	1120	10k-3P-50Hz	IP23	无 No
			不带 No	LG32LYA	012525240001	1120	10k-3P-50Hz	IP23	无 No
LG32L	R717	水冷 Water-cooling	带 Yes	LG32LZJA	012527200001	1120	10k-3P-50Hz	IP23	无 No
			不带 No	LG32LZA	012525200001	1120	10k-3P-50Hz	IP23	无 No
LG32L	R717	工质冷 Refrigerant-cooling	带 Yes	LG32LYJA	012527240000	1120	10k-3P-50Hz	IP23	无 No
			不带 No	LG32LYA	012525240000	1120	10k-3P-50Hz	IP23	无 No
LG32L	R717	水冷 Water-cooling	带 Yes	LG32LZJA	012527200000	1120	10k-3P-50Hz	IP23	无 No
			不带 No	LG32LZA	012525200000	1120	10k-3P-50Hz	IP23	无 No

注：LG40 系列及上表中未包含的机组产品代码请与烟台冰轮股份有限公司研发设计部联系获得。  
 Note: For LG40 Series and other units products code which not appear in the table above, please contact with Development and Design Department of Yantai Moon Co., Ltd.

# 中国大陆营销服务机构

## Chinese Mainland Marketing Services

**哈尔滨办事处**  
0451-82605864  
hebb@yantaibinglun.com

**长春办事处**  
0431-88517786  
ccb@yantaibinglun.com

**沈阳办事处**  
024-86912199  
syb@yantaibinglun.com

**大连办事处**  
0411-87630069  
dlb@yantaibinglun.com

**呼和浩特办事处**  
0471-3356800  
hhhtb@yantaibinglun.com

**西安办事处**  
029-83211787  
xab@yantaibinglun.com

**乌鲁木齐办事处**  
0991-4500213  
wlmqb@yantaibinglun.com

**北京办事处**  
010-68453698  
bjb@yantaibinglun.com

**天津办事处**  
022-27305689  
tjb@yantaibinglun.com

**石家庄办事处**  
0311-83801881  
sjzb@yantaibinglun.com

**太原办事处**  
0351-8230747  
tyb@yantaibinglun.com

**郑州办事处**  
0371-63857923  
zzb@yantaibinglun.com

**烟台办事处**  
0535-6697150  
ytb@yantaibinglun.com

**济南办事处**  
0531-88323278  
jnb@yantaibinglun.com

**青岛办事处**  
0532-85829283  
qdb@yantaibinglun.com

**上海办事处**  
021-56559425  
shb@yantaibinglun.com

**南京办事处**  
025-85521433  
njb@yantaibinglun.com

**连云港办事处**  
0518-85526641

**合肥办事处**  
0551-64249338  
hfb@yantaibinglun.com

**南昌办事处**  
0791-88470082  
ncb@yantaibinglun.com

**杭州办事处**  
0571-85392316  
hzb@yantaibinglun.com

**厦门办事处**  
0592-5164326  
xmf@yantaibinglun.com

**福州办事处**  
0591-87110853  
fzb@yantaibinglun.com

**广州办事处**  
020-62892019  
gzb@yantaibinglun.com

**南宁办事处**  
0771-2418182  
nnb@yantaibinglun.com

**长沙办事处**  
0731-85128200  
csb@yantaibinglun.com

**武汉办事处**  
027-85862117  
whf@yantaibinglun.com

**重庆办事处**  
023-67909655  
cqcb@yantaibinglun.com

**成都办事处**  
028-87361048  
cdb@yantaibinglun.com

**贵阳办事处**  
0851-6770519  
kmb@yantaibinglun.com

**昆明办事处**  
0871-68378390  
kmb@yantaibinglun.com

### 国内营销事业部

Domestic Marketing Unit

Tel:0535-6697122

Fax:0535-6647784

Email:dhb@yantaibinglun.com

### 配件销售

Accessories Sale

Tel:0535-6697159

Fax:0535-6266942

Email:zhangxy@yantaibinglun.com

## 海外营销服务机构 Overseas Marketing Services

泰国办事处  
Thailand office

沙特达曼办事处  
Saudi Arabia-Dammam office  
+966-557332822  
zhileng-007@hotmail.com

秘鲁办事处  
Peru office

缅甸办事处  
Myanmar office  
+9595009562  
yma@baganmail.net.mm

沙特吉达办事处  
Saudi Arabia-Jeddah office

智利办事处  
Chile office  
+56-9-66698158  
simon@yantaimoon.com

印度办事处  
India office

伊朗办事处  
Iran office

阿根廷办事处  
Argentina office

印尼雅加达办事处  
Jakarta-Indonesia office  
+62-8128570458  
ytmooon\_id@hotmail.com

台湾办事处  
Taiwan office  
+886-975096307  
htliu@foxmail.com

厄瓜多尔办事处  
Ecuador office  
+593-87877420  
zhangyg0410@hotmail.com

印尼泗水办事处  
Surabaya-Indonesia office

越南公司  
Yantai Moon (Vietnam) Co., Ltd  
+84-838152910  
moonvn.info@gmail.com

加纳办事处  
Ghana office  
+233-249522896  
zxb916@yantaimoon.com

菲律宾办事处  
Philippines office  
+63-9179958140  
yantai\_moon@yahoo.com

莫斯科办事处  
Moscow office  
+79250566475  
yantaimoon@mail.ru

肯尼亚办事处  
Kenya office  
+254-735098626  
yantaimoon@gmail.com

马来西亚办事处  
Malaysia office

海参崴办事处  
Vladivostok office  
+79841988901

埃及办事处  
Egypt office  
+20-1094722897  
shajc@yantaimoon.com

孟加拉办事处  
Bangladesh office

乌兹别克斯坦办事处  
Uzbekistan office  
+998909977556  
yaozhong2008@126.com

尼日利亚办事处  
Nigeria office

巴基斯坦办事处  
Pakistan office

蒙古办事处  
Mongolia office  
+976-95235497  
xingzhingangmoon@gmail.com

海外事业部 Overseas Business Unit

Tel:+86-535-6697166 Fax:+86-535-6256683 Email:iec@yantaimoon.com


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中国山东省烟台市芝罘区冰轮路1号  
邮编：264002  
电话：400-658-0811 800-860-2811  
网址：www.yantaimoon.com  
www.yantaimoon.cn

Add:No.1 Binglun Road,Yantai, China  
P.C.: 264002  
Tel:400-658-0811 800-860-2811  
Website:www.yantaimoon.com  
www.yantaimoon.cn

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