

Diligence Elaboration Gratification

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Compressor For Special-Purpose / Special-Area

2018 TECHNICAL CATALOGUE
特殊用途压缩机

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企业简介

Brief Introduction

LAMDA

珠海凌达压缩机有限公司始建于 1985 年，是一家集研发、生产、销售、服务于一体的空调压缩机专业生产企业，同时也是我国家用空调压缩机行业最早也是唯一一家具有规模化、专业化的民族企业。2004 年成为珠海格力电器股份有限公司全资控股子公司。公司致力于打造“以改变人类生活环境为己任，引领人们迈向美好新未来”的绿色环保高新技术企业，公司现有员工 10000 多人，其中技术管理人员 1200 多人，专职从事研发人员有 600 多人，

Zhuhai Lamda Compressor Co., Ltd., established in 1985, is a professional air conditioner compressor manufacturer specialized in research, production, sales and services, and a unique, large-scale and domestic air-conditioner compressor manufacturer. In 2004, Landa became a subsidiary wholly owned by Zhuhai Gree Electric Appliances Inc. With the target of “improving human living environment and leading people to a nice future”, the company commits herself to be an environment-friendly, new and high tech enterprise. The company has more than 10,000 employees, including 1,200 technical and management personnel and more than 600 engineers with annual capacity of 50 million units.

The products cover 13 series, which ranges from series P to series H with more than 300 models including fixed speed, inverter, different power source, different refrigerant, twin cylinder and scroll types featuring high efficiency and environment-friendly functions applicable for air conditioners. To adapt to fierce market competition, based on provincial enterprise technical centre, combined with innovative sources local and abroad, through self-development and cooperation with academic organizations, the company commits herself to high end product development, such as fixed speed compressors with higher efficiency, inverter and scroll compressors.

凌达占全球压缩机市场的25%
Lamda has 25% global market share in compressor



25%

压缩机年产能达 5000 万台。

公司已有产品从 P 系列到 H 系列共十三个系列，涵盖定频、直流变频不同电源、不同工质、双转子、涡旋式等高效节能环保产品 300 多个品种。为适应激烈的市场竞争，我司依靠省级企业技术中心平台、结合国内外创新资源、通过自主研发与产学研相结合的方式致力于更高效、定频、变频压缩机和涡旋定变频压缩机等高端机型的拓展研发。

研发测试中心

Research and Development Testing Center

公司依托广东省重点企业技术中心平台建有先进设施规模的测试中心，居行业前列。装备有制冷性能、声功率测试、振动应变试验、可靠性测试、焓差测试、电机效率测试等和压缩机科研相关的全部测试设备。涵盖了力学、电学等诸多领域，对产品质量进行严格监控。

Based on Important Enterprise Technical Centre of Guangdong Provincial, Landa set up advanced testing centre which is leading the industry. The testing devices needed for compressor development are all equipped, including cooling performance testing, sound power testing, vibration strain testing, reliability testing, enthalpy testing, motor efficiency testing etc. The testing covers dynamics and electrics so to inflict strict quality control to the products.

R290实验室

Laboratory

公司在中国政府和联合国开发计划署指导下，由全球环境基金资助建立的R290环保冷媒防爆试验室处于行业领先水平，具有性能测试、噪音测试、可靠性测试测试功能。

Under the instructions of Chinese government and Development Planning Program of UN, the R290 explosion-proof laboratory with leading level in the industry funded by Global Environment Fund is set up. The performance testing, noise testing and reliability testing can be done in the lab.



压缩机整机测试室

Innovative Research and Development Testing Center

为确保质量检验的准确性，对产品质量进行严格监控。公司引进国外自动化尖端检测仪器组建压缩机整机测试室，主要检测设备有压缩机制冷量测试台、加速寿命台、起动耐久性试验台、压缩机电机堵转试验台、压缩机内部水分含量测试台、压缩机内部杂质试验台、压缩机高低温试验台、定子铁芯磁性测试装置、压缩机液击试验装置、电气安全检测装置。其中寿命试验台、空调含油量测试台、堵转试验台为公司拥有自主知识产权的自制产品。

Strict quality controls are done to the products to ensure the precise quality inspection. Compressor test room is equipped with top leveled automatic testing instrument from abroad. The main equipments include compressor cooling capacity tester, accelerated life tester, start up and durability tester, locked rotor tester, compressor moisture tester, compressor impurity tester, compressor high and low temperature tester, stator core magnetism tester, compressor liquid slugging tester and electrical safety tester. In which life tester, air conditioner oil content tester and locked rotor tester are made by Landa with self-owned intellectual property.

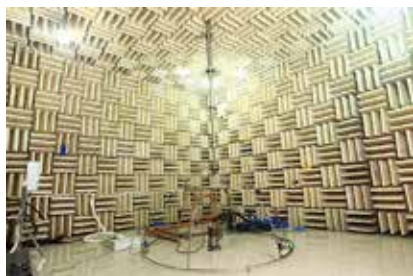


一切 · 从用心开始

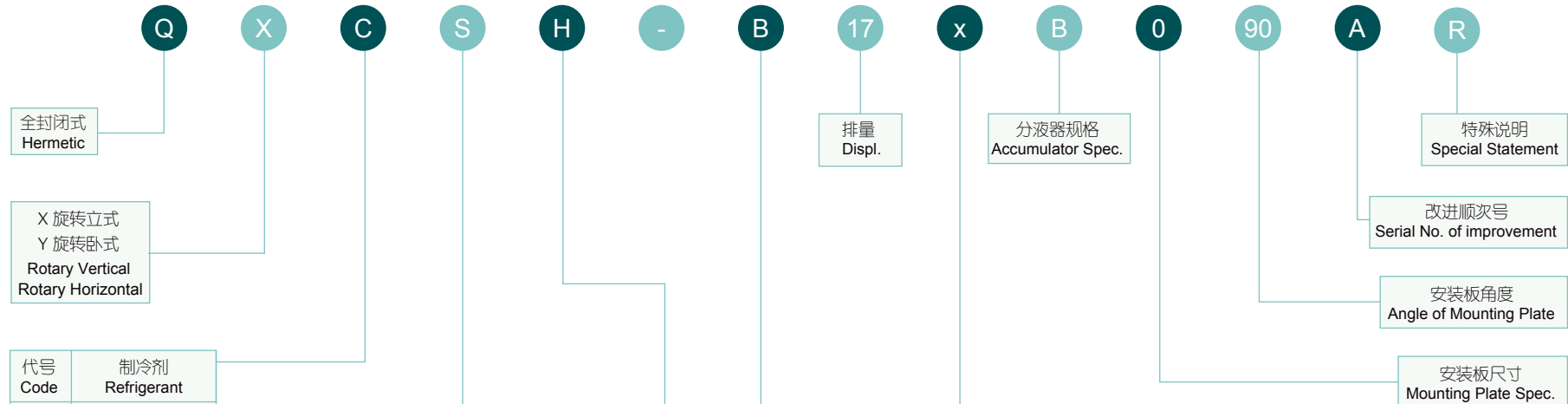
Everything begins from diligence

- 1985年 凌达始建于1985年**
凌达是我国较早引入全封闭回转压缩机技术，也是我国少有的具有规模化、专业化的空调压缩机生产企业。
Lamda is not only one of the first companies who introduced hermetic rotary compressor technology, but also a large-scale and domestic air-conditioner compressor manufacturer.
- 1986年 国内第一台Supearl滑片式回转压缩机诞生**
1986年凌达投产国内第一台Supearl滑片式回转压缩机，生产设备全部由美国惠而浦（Whirlpool）公司引进。
In 1986, Lamda started the production of Supearl sliding vane rotary compressor with the equipment introduced from Whirlpool.
- 1994年 国内第一代滚动转子式压缩机批量诞生**
1992年从Rotorex引进具有国际先进水平的滚动转子式压缩机技术。从美国、日本引进先进的机加工设备与精密检测仪器。
In 1992, Lamda introduced the rotary compressor technology with international level from Rotorex and advanced machining equipment and precision detecting instruments from U.S. and Japan.
- 2004年 导入卓越绩效管理模式**
珠海格力电器股份有限公司正式全资控股珠海凌达压缩机有限公司，同年公司导入格力卓越绩效管理模式，全面提升管理及研发水平。
Lamda was wholly owned by Zhuhai Gree Electric Appliances Inc. and brought in Excellent Performance Mode to improve management and R&D level in the same year.
- 2008年 首款R290压缩机获得项目验收**
凌达是国内首家承接中国环境保护部开展R290共性技术研究的压缩机厂家。
Lamda was the first compressor manufacturer to undertake the technical research work of R290 compressor sponsored by the Ministry of Environment Protection.
- 2013年 四大生产基地建成投产，产能得到飞跃式提升**
暨龙山一、二期竣工投产后，合肥、郑州、重庆、武汉四大生产基地也相继建成投产，产能从600万台飞跃至3800万台。
The bases went into production in succession after the completion of the first and second stage construction of Longshan factory with the rocketing production capacity from 6 million to 38 million units.
- 2016年 涡旋压缩机厂建成投产**
2016年，龙山工业区凌达涡旋分厂建成投产。
In 2016, Lamda scroll compressor workshop was completed and put into operation in Longshan Industrial Park.
- 2017年 产能突破5000万台**
为了适应市场需求，公司通过对产线的优化和增加柔性生产线的方式，将公司产能提升至5000万台。
The company improved production lines by the application of Flexible Manufacturing System to meet the market; meanwhile, the production capacity reached up to 50 million units.

适用工况 Applicable Working Condition	冷凝温度℃ Condensing Temp.	蒸发温度℃ Evaporating Temp.	过冷度℃ Supercooling Degree	吸气温度℃ Suction Temp.	环境温度℃ Ambient Temp.
ASHRAE/T	54.4	7.2	8.3	35	35
北美高能效工况 Hi-energy/efficiency Condition for North America	45	12	5	24	35
干衣机工况 Clothes Dryer Working Condition	70	25	9	35	35
冷冻冷藏工况 Freezing & Refrigeration Working Condition	54.4	-23.3	22.2	32.2	32.2



命名方式一 Naming Rule I



代号 Code	制冷剂 Refrigerant
.....	R22
A	R410A
B	CO ₂
C	R407C
D	R290
E	R134a
F	定频:R32 Fixed Speed
	变频:R32/R410A inverter
G	R404A
I	R1234yf
J	R600a

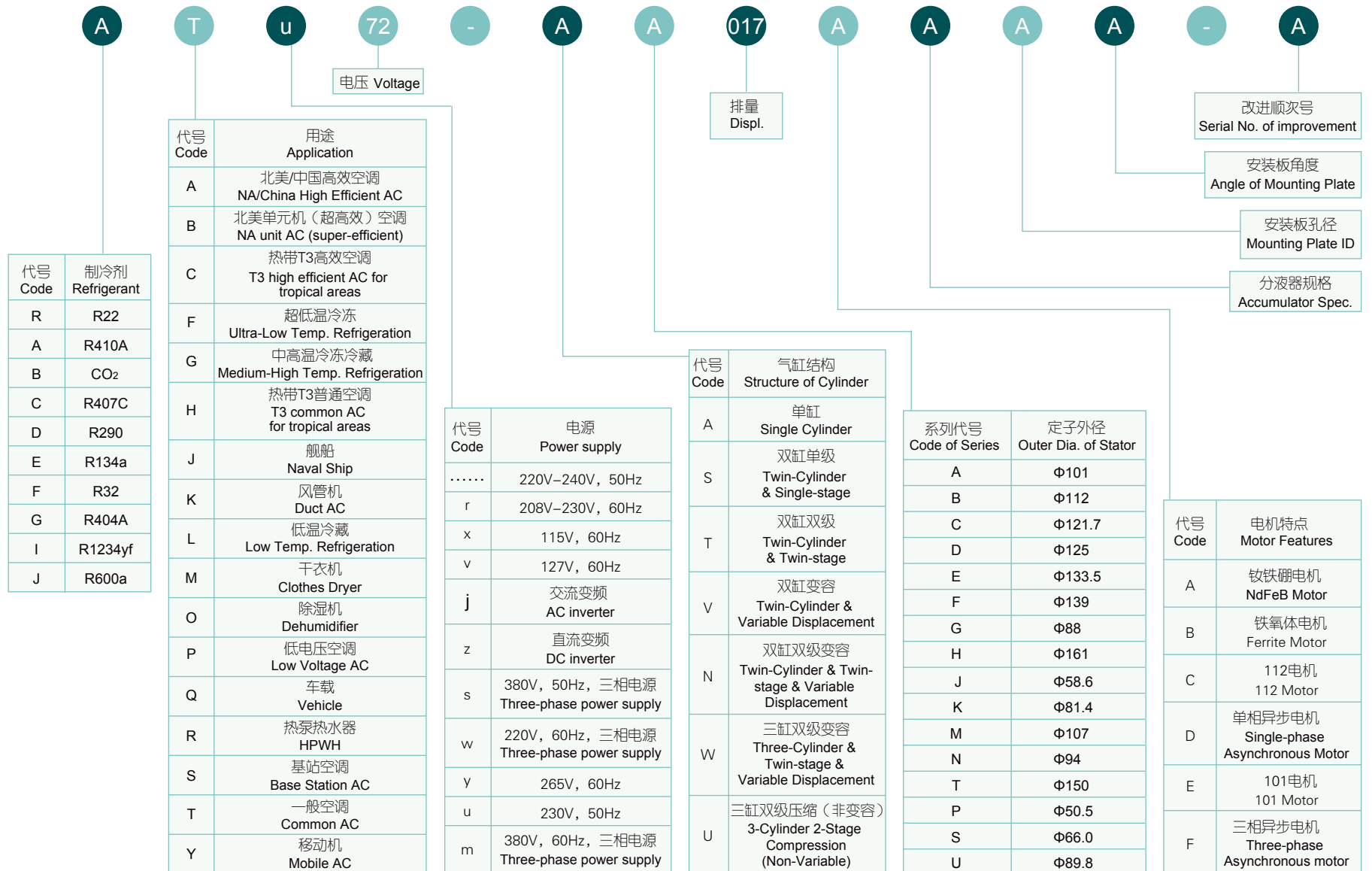
代号 Code	气缸结构 Structure of Cylinder
.....	单缸 Single Cylinder
S	双缸单级 Twin-Cylinder & Single-stage
T	双缸双级 Twin-Cylinder & Twin-stage
V	双缸变容 Twin-Cylinder & Variable Displacement
N	双缸双级变容 Twin-Cylinder & Twin-stage & Variable Displacement
W	三缸双级变容 Three-Cylinder & Twin-stage & Variable Displacement
U	三缸双级压缩(非变容) 3-Cylinder 2-Stage Compression(Non-Variable)

代号 Code	用途 Application
.....	T1
H	T3
R	热泵热水器 HPWH
L	低温冷藏 Low Temp. Refrigeration
K	风管机 Duct AC
M	干衣机 Clothes Dryer
O	除湿机 Dehumidifier
Y	移动机 Mobile AC
P	低电压空调 Low Voltage AC

系列代号 Code of Series	定子外径 Outer Dia. of Stator
A	Φ101
B	Φ112
C	Φ121.7
D	Φ125
E	Φ133.5
F	Φ139
G	Φ88
H	Φ161
J	Φ58.6
K	Φ81.4
M	Φ107
N	Φ94
T	Φ150
P	Φ50.5
S	Φ66.0
U	Φ89.8

代号 Code	电源 Power supply
.....	220V-240V, 50Hz
r	208V-230V, 60Hz
x	115V, 60Hz
v	127V, 60Hz
j	交流变频 AC inverter
z	直流变频 DC inverter
s	380V, 50Hz, 三相电源 Three-phase power supply
w	220V, 60Hz, 三相电源 Three-phase power supply
y	265V, 60Hz
u	230V, 50Hz
m	380V, 60Hz, 三相电源 Three-phase power supply

命名方式二 Naming Rule II



产品类别 Product Category		压缩机能力范围 Capacity Distribution						
冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	1706	5118	8530	11942	15354	18766
		W	500	1500	2500	3500	4500	5500
R134a	220-240V/50Hz							
R290	220-240V/50Hz							

R134a T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
B	QXER-B109	10.9	4260	1250	410	3.05	25μF/450V	ASHRAE/T
	QXER-B122	12.2	4910	1440	472	3.05	25μF/450V	ASHRAE/T
C	QXER-C18	18.0	7160	2100	700	3.00	30μF/450V	ASHRAE/T
D	QXER-D253	25.3	9920	2910	960	3.03	35μF/450V	ASHRAE/T
F	QXER-F36	35.6	15174	4450	1450	3.06	50μF/450V	ASHRAE/T

R290 T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
A	QXDR-A058※	5.8	2799	820	270	3.04	10μF/450V	ASHRAE/T
	QXDR-A088	8.8	4642	1360	425	3.20	20μF/450V	ASHRAE/T
B	QXDR-B222	22.1	16212	3360	1020	3.29	35μF/450V	ASHRAE/T
D	QXDR-D305※	30.7	16212	4750	1400	3.39	45μF/450V	ASHRAE/T

备注：型号带“※”，代表开发中 Note: A model with "※" shows that a compressor of such model is under development.

产品类别 Product Category		压缩机能力范围 Capacity Distribution								
冷媒 Refrigerant	电压V/频率Hz Voltage/Frequency	BTU/h	1024	2047	3071	4094	5118	6142	7165	8189
		W	300	600	900	1200	1500	1800	2100	2400
R410A	115V/60Hz									
	220-240V/50Hz									
R290	220-240V/50Hz									
R134a	220-240V /50Hz									

R410A T1 [1φ]115V 60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
G	QXA-G031x	3.1	2645	775	330	2.35	25μF/250V	ASHRAE/T
	QXA-G033x	3.3	2880	845	360	2.35	25μF/250V	ASHRAE/T
	QXA-G036x	3.6	3200	935	396	2.36	25μF/250V	ASHRAE/T
A	QXA-A050x	5.1	6514	1909	425	4.49	35μF/250V	北美高能效工况 Hi-energy/efficiency Condition for North America
	QXA-A062x	6.2	6142	1800	636	2.83	50μF/250V	ASHRAE/T
	QXA-A071x	7.1	7063	2070	726	2.85	50μF/250V	ASHRAE/T
	QXA-A083x	8.3	8389	2460	871	2.82	50μF/250V	ASHRAE/T

R410A T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
A	QXA-A071	7.1	5664	1660	615	2.70	25μF/450V	ASHRAE/T

R290 T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
G	QXD-G042	4.2	2013	590	227	2.60	6.5μF/450V	ASHRAE/T
	QXD-G058	5.8	2781	815	308	2.65	6.5μF/450V	ASHRAE/T
A	QXD-A098	9.8	4983	1460	505	2.89	20μF/450V	ASHRAE/T
	QXD-A121	12.1	6210	1820	607	3.00	20μF/450V	ASHRAE/T

R134a T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
K	QXE-K035	3.5	1314	385	185	2.08	5μF/450V	ASHRAE/T
G	QXE-G036	3.6	1280	375	160	2.35	7.5μF/450V	ASHRAE/T
	QXE-G046	4.6	1705	500	200	2.50	6.5μF/450V	ASHRAE/T
	QXE-G058	5.8	2185	640	250	2.50	6.5μF/450V	ASHRAE/T
	QXE-G064	6.4	2390	700	260	2.70	10μF/450V	ASHRAE/T
	QXE-G073	7.3	2730	800	295	2.70	10μF/450V	ASHRAE/T

产品类别 Product Category		压缩机能力范围 Capacity Distribution								
冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	2730	4777	6824	8871	10918	12966	15013	17060
		W	800	1400	2000	2600	3200	3800	4400	5000
R134a	220-240V/50Hz									
	208-230V/60Hz								●	
	DC	●								
R290	220-240V /50Hz		●							

R134a T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
A	QXEM-A056	5.6	3173	930	315	2.95	15μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-A066	6.6	3753	1100	395	2.80	15μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-A081-A	8.1	4808	1410	425	3.32	15μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-A104	10.4	6240	1830	580	3.15	15μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-A115	11.5	6871	2015	630	3.20	20μF/450V	干衣机工况 Clothes Dryer Working Condition
B	QXEM-B115-A	11.5	6858	2010	600	3.35	25μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-B150	15.0	8871	2600	810	3.21	30μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-B160	16.0	9383	2750	870	3.16	30μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXEM-B18	17.5	10338	3030	930	3.26	35μF/450V	干衣机工况 Clothes Dryer Working Condition

R134a T1 [1φ]208-230V 60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
B	QXEM-B217r	21.7	15627	4580	1400	3.27	35μf/450V	干衣机工况 Clothes Dryer Working Condition

R134a [DC]220V

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
SK	ETz-SK068A※	6.8	3078	902	335	2.70	30-90	ASHRAE/T 50Hz
	ETz-SK075A※	7.5	3394	995	365	2.70	30-90	ASHRAE/T 50Hz

备注：型号带“※”，代表开发中；型号带“*A”，代表高效机型。 Note: The models marked with “※” indicate under-development models. The models marked with “*A” indicate hi-efficient models.

R290 T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
A	QXDM-A066	6.6	4589	1345	420	3.20	15μF/450V	干衣机工况 Clothes Dryer Working Condition
	QXDM-A069	6.9	4811	1410	440	3.20	15μF/450V	干衣机工况 Clothes Dryer Working Condition

产品类别 Product Category		压缩机能力范围 Capacity Distribution						
冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	341.2	1706	3070.8	4435.6	5800.4	7165.2
		W	100	500	900	1300	1700	2100
R134a	220-240V/50Hz							
	220-240V/50Hz & 220-240V/60Hz							
	48V/DC							

R134a T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
A	QXEM-A056	5.6	2047	600	220	2.75	15μF/450V	ASHRAE/T
	QXEM-A081	8.1	3173	930	326	2.85	15μF/450V	ASHRAE/T
	QXEM-A115	11.5	4436	1300	468	2.78	20μF/450V	ASHRAE/T
B	QXEM-B18	17.5	7015	2056	670	3.07	35μF/450V	ASHRAE/T

R134a T1 [1φ]220-240V 50Hz/60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	频率 Frequency	测试工况 Test conditions
A	QXEM-A115	11.5	4606	1350	500	2.70	50Hz	ASHRAE/T
B	QXEM-B18	17.5	7015	2056	670	3.07	50Hz	ASHRAE/T

R134a [48V]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
P	QXE--P014z	1.4	853	250	92	2.72	40-90	ASHRAE/T 75Hz

产品类别 Product Category		压缩机能力范围 Capacity Distribution						
冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	1706	3070.8	4435.6	5800.4	7165.2	8530
		W	500	900	1300	1700	2100	2500
R407C	220-240V/50Hz & 220-240V/60Hz							
	380V/50Hz & 380V/60Hz							

R407C T1 [3φ]220-240V 50Hz/60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	频率 Frequency	测试工况 Test conditions
B	QXC-B15w	15.0	10366	3038	955	3.18	60	ASHRAE/T
		15.0	8445	2475	832	2.97	50	ASHRAE/T
	QXC-B18w	17.5	11918	3493	1130	3.09	60	ASHRAE/T
		17.5	10024	2938	993	2.96	50	ASHRAE/T
D	QXC-D273w	27.3	18841	5522	1758	3.14	60	ASHRAE/T
		27.3	15695	4600	1515	3.04	50	ASHRAE/T
F	QXC-F34w	33.7	22888	6708	2208	3.04	60	ASHRAE/T
		33.7	18520	5428	1865	2.91	50	ASHRAE/T

R407C T1 [3φ]380V 50Hz/60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	频率 Frequency	测试工况 Test conditions
B	QXC-B15s	15.0	10195	2988	959	3.12	60	ASHRAE/T
		15.0	8530	2500	849	2.94	50	ASHRAE/T
	QXC-B18s	17.5	11976	3510	1121	3.13	60	ASHRAE/T
		17.5	10004	2932	983	2.98	50	ASHRAE/T
D	QXC-D273s	27.3	19346	5670	1760	3.22	60	ASHRAE/T
		27.3	16002	4690	1630	2.88	50	ASHRAE/T
F	QXC-F34s	33.7	23423	6865	2156	3.18	60	ASHRAE/T
		33.7	19694	5772	1814	3.18	50	ASHRAE/T

产品类别 Product Category		压缩机能力范围 Capacity Distribution						
冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	0	682.4	1023.6	1364.8	1706	2047.2
		w	0	200	300	400	500	600
R134a	48V/DC							
	24V/DC							

R134a [48V]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
G	ETz-AG036A※	3.6	2013	590	205	2.88	30-90	ASHRAE/T 70Hz
K	ESz48-AK035AP※	3.5	1655	485	176	2.75	30-90	ASHRAE/T 60Hz
P	QXE--P014z	1.4	853	250	92	2.72	40-90	ASHRAE/T 75Hz

R134a [24V]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
P	ESz24-AP014AL※	1.4	766	244	100	2.44	40-90	ASHRAE/T 75Hz

备注：型号带“※”，代表开发中 Note: A model with "※" shows that a compressor of such model is under development.

产品类别 Product Category			压缩机能力范围 Capacity Distribution									
应用领域 Application Area	冷媒 Refrigerant	电压/频率Hz Voltage/Frequency	BTU/h	2047	5459	8871	12283	15695	19107	22519	25931	29343
			W	600	1600	2600	3600	4600	5600	6600	7600	8600
高温冷藏 For Refrigeration under High Temp.	R404A	220-240V/50Hz										
中低温冷藏 For Refrigeration under Medium-Low Temp.	R404A	220-240V/50Hz										
		208-230V/60Hz										
	380V/50Hz											
	R22	220-240V/50Hz										
超低温冷藏 For Refrigeration under Ultra-Low Temp.	R404A	220-240V/50Hz										
中高温冷藏 For Refrigeration under Medium-High Temp.	R290	220-240V/50Hz										

高温冷藏 For Refrigeration under High Temperature R404A T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
C	GGu-AC160DAAA	16.8	9961	2921	1052	2.78	35μF/450V	ASHRAE/T
	GGu-AC193DEAA	19.3	11475	3365	1212	2.78	35μF/450V	ASHRAE/T
	GGu-AC238DEAA	23.8	14834	4350	1500	2.90	35μF/450V	ASHRAE/T
SF	GGu-AF325DFAB	32.5	19324	5667	2041	2.78	50μF/450V	ASHRAE/T
	GGu-AF360DFAB	35.6	21244	6230	2200	2.83	50μF/450V	ASHRAE/T
	GGu-SF438DEAF	43.8	26042	7637	2751	2.78	60μF/450V	ASHRAE/T
	GGu-SF490DNAB	49.0	29783	8734	3168	2.76	70μF/450V	ASHRAE/T

中高温冷藏 For Refrigeration under Medium-High Temperature R290 T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
B	QXD-B172	17.2	8652	2535	780	3.25	30μF/450V	ASHRAE/T
C	QXD-C184	18.4	9378	2750	820	3.35	25μF/450V	ASHRAE/T

超低温冷藏 For Refrigeration under Ultra-Low Temperature R404A T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
D	QXGTL-D159F030	15.9	4060	1190	980	1.21	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QXGTL-D20F030	20.0	5976	1750	1340	1.31	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QYGTL-D159Y	15.9	4060	1200	1000	1.20	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QYGTL-D20Y	20.0	5260	1540	1270	1.21	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
F	QXGTL-F310N050	31.0	7513	2200	1920	1.15	60μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition

中低温冷藏 For Refrigeration under Medium-Low Temperature R404A T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
C	QYGL-C139Y	13.9	2685	787	680	1.16	35μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QYGL-C17Y	17.0	3332	977	843	1.16	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
D	QYGL-D238Y	23.8	4875	1430	1220	1.17	50μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
F	QYGL-F325Y	32.5	8262	2423	1923	1.26	55μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QYGL-F36Y	35.6	9118	2670	2130	1.25	55μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
SF	QYGSL-F413Y	41.3	9560	2800	2250	1.24	60μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition

中低温冷藏 For Refrigeration under Medium-Low Temperature R404A T1 [1φ]208-230V 60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
C	QYGL-C139Y	13.9	3930	1150	940	1.22	30μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
D	QYGL-D238Y	23.8	6513	1910	1570	1.22	45μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
F	QYGL-F36rY	35.6	10927	3200	2550	1.25	50μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition

中低温冷藏 For Refrigeration under Medium-Low Temperature R22 T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
C	QYL-C139Y	13.9	2609	765	665	1.15	35μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
D	QYL-D238Y	23.8	4433	1300	1130	1.15	40μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
F	QYL-F325Y	32.5	5855	1716	1493	1.15	55μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition
	QYL-F36Y	35.6	6411	1880	1635	1.15	55μF/450V	冷冻冷藏工况 Freezing & Refrigeration Working Condition

中低温冷藏 For Refrigeration under Medium-Low Temperature R404A T1 [3φ]380V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
H	QXGSL-H72sN330	72	19096	5600	3600	1.55	\	冷冻冷藏工况 Freezing & Refrigeration Working Condition

产品类别 Product Category			压缩机能力范围 Capacity Distribution							
冷媒 Refrigerant	电压V Voltage	频率Hz Frequency	BTU/h	3412	10236	17060	23884	30708	37532	44356
			w	1000	3000	5000	7000	9000	11000	13000
R410A	30-120Hz	DC						TD/TF		
		DC 600V						SF		
	60Hz	115V			C					
	50Hz	220-240v		B/C/SF						
R134a	30-70Hz	DC 60V		B						
R22	15-120Hz	DC			B					

电动车用双级增焓压缩机 Two-Stage Vapor Injection Compressors for New Energy Electric Vehicles R410A [30-120Hz]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
TD	YAQz-TD200AY	20.0	21909	6425	2390	2.69	30-120Hz	ASHRAE/T
TF	YAQz-TF310AY※	31.0	33725	9890	3700	2.67	30-120Hz	ASHRAE/T

电动车用压缩机 Compressor for New Energy Electric Car R410A [30-120Hz]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
SF	YAQz-SF295AY	29.5	30349	8900	3000	2.97	30-120Hz	ASHRAE/T
	YAQz-SF428AY	42.8	44501	13050	4350	3.00	30-120Hz	ASHRAE/T

备注：型号带“※”，代表开发中 Note: A model with "※" shows that a compressor of such model is under development.

低速电动车用压缩机 Compressor for New Energy Low Speed Electric Car R134a [30-70Hz]DC

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
B	YEQz60-AB135AY※	13.5	6752	1980	560	3.54	30-70Hz	ASHRAE/T

备注：型号带“※”，代表开发中 Note: A model with "※" shows that a compressor of such model is under development.

房车用空调用压缩机 Compressor for Touring Car AC R410A T1 [1φ]115V 60Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
C	QYA-C124xY	12.4	12410	3650	1340	2.72	60μF/250V	ASHRAE/T
	QYA-C133xY	13.3	13640	4000	1460	2.74	60μF/250V	ASHRAE/T

房车用空调用压缩机 Compressor for Touring Car AC R410A T1 [1φ]220-240V 50Hz

系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	电容 Capacitor (μF)	测试工况 Test conditions
B	QYA-B106	10.6	8490	2490	900	2.77	35μF/450V	ASHRAE/T
C	QYA-C133Y	13.3	10740	3150	1145	2.75	35μF/450V	ASHRAE/T
SF	QYAS-F295Y	29.5	24109	7070	2510	2.82	60μF/450V	ASHRAE/T

房车用空调用压缩机 Compressor for Touring Car AC R22 [15-120Hz]DC

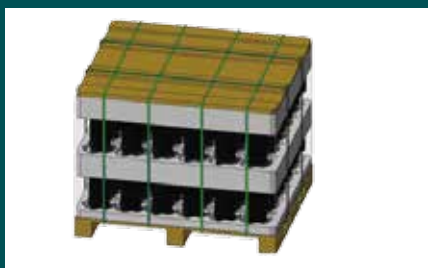
系列 Series	压缩机型号 Model	排量 Displ. (CC)	冷量 Capacity (Btu/h)	制冷量 Refrigerating capacity (W)	功率 Power (W)	COP (W/W)	运转频率范围 Operating frequency range (Hz)	测试工况 Test conditions
B	QY-B159zY ※	15.9	10740	3500	1590	3.21	15-120Hz	ASHRAE/T

备注：型号带“※”，代表开发中 Note: A model with "※" shows that a compressor of such model is under development.

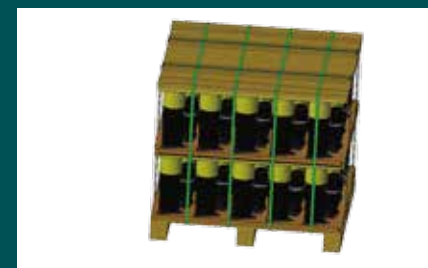
系列 Series Code	托盘规格 Pallet Size	每箱数量 Q'ty per Box	每箱高度 Height per Box	每箱毛重(kg) Gross Weight per Box
P	1170x990	224	878~	315~
K	1170x990	168	919~	621~
G	1170x990	126	933~993	674~680
N	1170x990	60	833~844	458~479
A	1170x990	60	774~834	500~638
M	1170x990	60	887~905	614~758
B-L支脚 B-L Foot	1170x990	50	909~987	620~720
B-150mm底板 B-150mm mounting Plate	1170x990	60	889~927	749~857
C	1170x990	50	885~956	755~835
D	1170x990	40	932~999	730~754
	1170x990	20	544~578	390~402
E	1170x990	40	997~1035	802~898
	1170x990	20	577~596	426~474
F	1170x990	40	975~1137	850~1090
	1170x990	20	566~646	450~570
H	1170x990	16	682~735	586~658

依据运输要求，分为出口包装和内销包装，分别见下图 Packings are sorted as export packing and domestic sales packing according to transport requirements, see figure at right.

内销包装
Domestic Sales Packing



出口包装
Export Packing



Diligence Elaboration Gratification

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