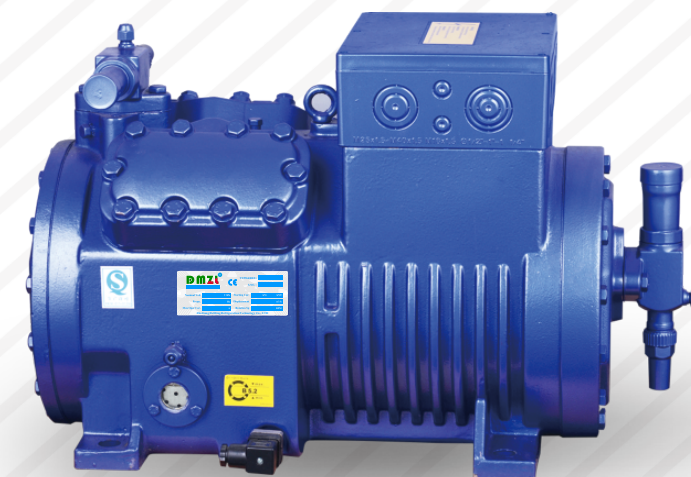




大明制冷
DAMING REFRIGERATION

DMZL
Professional Compressor Manufacturer
专业制冷压缩机制造商



浙江大明制冷科技有限公司
ZHEJIANG DAMING REFRIGERATION TECHNOLOGY CO.,LTD

地址: 浙江省绍兴市嵊州市黄泽镇东直街165号
Add: NO.165 Dongzhi Street ,Huangze Town, Shengzhou
City, Shaoxing City, Zhejiang Province, China
电话(Tel): 0575-86139209
传真(Fax): 0575-86170821
Http: //www.dmzl.cc
E-mail: 1611599650@qq.com
邮编(p.c.): 312513

国际部 International Department
Tel: +86 575 8350 9662
Web.: www.dm-compressor.com
E-mail: sales@dm-compressor.com

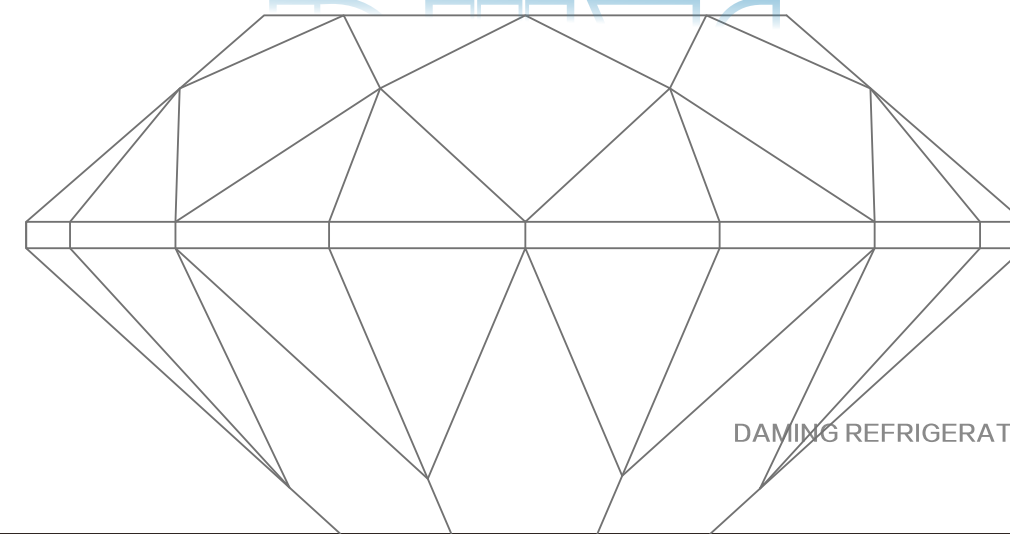
活塞式制冷压缩机
RECIPROCATING COMPRESSOR

打造民族品牌 创建百年企业

品质为本，
创新为魂，
大明制冷秉承质量至上的理念，
致力于为世界制造更优、更好的压缩机。

Quality-oriented,
Innovation-focused,
Adhering to the idea of quality-first,
We are committed to producing the best compressor.

DMZL



大明制冷

DAMING REFRIGERATION

浙江大明制冷科技有限公司，是一家专业从事制冷压缩机和压缩冷凝机组等制冷设备设计、研发、制造和销售的科技型民营企业，旗下拥有半封闭活塞式制冷压缩机、半封闭涡旋式制冷压缩机、和半封闭螺杆式制冷压缩机。

公司建有专业的制冷压缩机生产基地，拥有厂房3万余平米，引进了多种高精尖进口加工设备，建立了现代化的制冷压缩机和压缩冷凝机组装配线，并配备有专业的仓储中心和物流配送中心。

公司拥有三十多年的制冷压缩机制造经验，组建了一支国际国内制冷精英构成的技术团队，技术力量雄厚。公司还聘请专业的管理咨询机构针对性地建立起现代化的高效管理模式，以提升企业的管理水平。

公司以“打造民族品牌、创建百年企业”为目标，遵循“品质为本、创新为魂”的经营理念，以匠心做好产品，以创新求无限生机，努力将“大明制冷”打造成国产压缩机民族品牌、中国一流制冷压缩机制造商。

Zhejiang Daming Refrigeration Technology Co.,Ltd. Is a private company specialized in designing, producing and marketing of refrigeration compressor and condensing unit, including semi-hermetic reciprocating compressor, scroll compressor, screw compressor and air&water cooled condensing unit.

We own a manufacturing base which is over 30,000 square meters, including precise processing workshop with advanced machines and logistic department.

Meanwhile, Daming has a powerful technical team that consists of experienced engineers and technicians. Every single employee make their best effort to ensure perfect products' quality and operation efficiency.

We aim at building "Daming" into a well-known national brand as well as a century enterprise with quality and creation, being a top compressor manufacturer.

追求卓越，缔造完美

Persuing Excellence, Making Perfection





生产设备

大明制冷拥有专业的制冷压缩机及冷凝机组生产基地和成熟的生产技术以及精密的制造与测试设备。企业现有厂房三万余平米，拥有现代化的加工车间，其中引进了CNC数控立式加工中心、数控卧式镗床、多孔钻床及超声波清洗机等高精设备，拥有制冷压缩机和冷凝机组自动化生产线，并建立了制冷压缩机性能检测中心，具有完善的加工、生产和检测能力，确保每一件产品的卓越性能。

FACILITIES & EQUIPMENT

Daming have a professional manufacturing base, advanced technology, precise equipment and facilities, our factory covers an area more than 30,000 square meters which including a modernized processing workshop with CNC Process Center, horizontal boring machines, two automatic producing lines of compressor & condensing unit, and a properties testing center. Now Daming have the capability of making complete range compressor and ensuring every product's perfect performance.

HONOR & CERTIFICATES

资质荣誉



D A M I N G R E F R I G E R A T I O N

Advanced, Professional Credible, Steady

力求领先，追求专业， 诚信经营，稳健发展。

创建“大明”品牌，是每个员工孜孜不倦追求的目标和理想，高新技术和高起点的产品结构是实现理想和目标的硬件，严格的管理和“大明制冷”人严谨、细实的工作作风，是完成目标的软件。“大明”是年轻的，更是充满生机和无限希望的，面对激烈的市场竞争，我们将以更优质的产品服务于社会。

To build "Daming" as a famous national brand is the goal diligently pursued by every employee in Daming group. The high technology, perfect product structure and the strict management, meticulous working principle are hardware and software for achieving this goal. More than young, Daming is full of vigour and infinite hope. Facing fierce competition, we will provide more qualified products to the market.



目录CONTENTS

活塞式制冷压缩机 Reciprocating Compressor

1	产品特点 Products Features	11
	型号标识 Nomenclature	12
	应用范围 Application Scope	13
	技术参数 Technical Data	15
2	制冷量表 Performance Data	
	R22	21
	R404A/R507A	27



产品特点 Products features

大明制冷压缩机适用于各种工况工质，力求最大限度地满足现您对制冷系统的要求。

The compressors of Daming suit different working condition and refrigerants, try to maximully satisfy your requirements for the refrigerating system.

- 1

技术成熟，结构紧凑 / Developed technology,compact dimension
体积小，空间要求小 / Small volume and space
- 2

高精度加工，确保压缩机各项指标达标 / High precision machining to ensure the compressor confirm with the standard
数控加工中心加工壳体 / CNC processing center
特殊工艺保证三孔同心度 / Concentricity due to specific processing technology
最小的死点间隙 / minimal dead space
- 3

运行平稳，震动小，噪音低 / steady operation,small vibracation and low noise
绝佳的稳定性 / Excellent stability
- 4

使用R22、R404等工质，符合国际环保要求 / Refrigerant like R22 and R404 are adopted to protect the environment
适用于低温、中高温等各种工况 / For mid & low temperature application
- 5

电子保护装置，有效保护电机 / Electrical motor protect device
PTC温度监控装置 / PTC sensor
- 6

耐磨的驱动件，使用寿命长 / wear resistant driver gear
镀铬的活塞环，铝制活塞 / Chrome plated piston rings and aluminium pistons
硬化处理过的曲轴 / Hardened crank-shaft
低摩擦轴套 / Less friction
- 7

高效阀板组设计，制冷量大，能耗低 / Efficient valve plate design,high refrigerating capacity and low energy consumption
高效的吸排气压缩比率 / Efficient compression rate
阀片为瑞典进口钢带锻造，耐冲击 / Valve reed made of imported impact resistant spring steel
- 8

零部件通用程度高，拆修维护方便 / General spare parts,convenient for maintenance.

型号标识 Nomenclature

2YD-2.2—6WG-50.2

2/4/6	缸数 Cylinders
Y/V/W	指机型 Type
D/G	D指低温，G指中高温 D for low condensing temperature, G for mid & high condensing temperature
2	匹数 Horse-power
2	设计系列编号 Series code

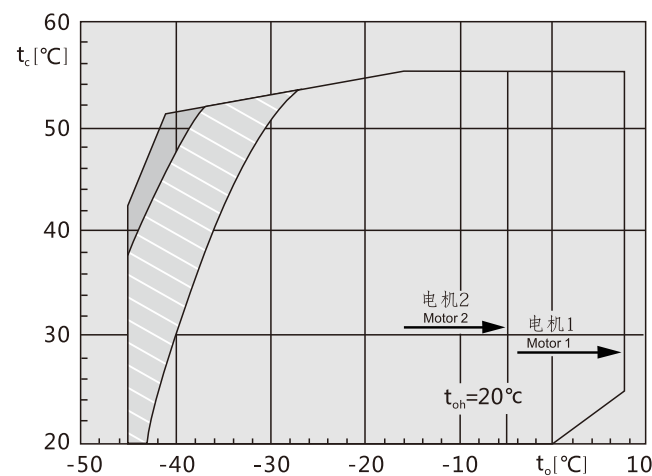
6WDS-20.2—6WDS-30.2

6	缸数 Cylinders
W	指机型 Type
DS	双级压缩 Double Stage
20	匹数 Horse-power
2	设计系列编号 Series code

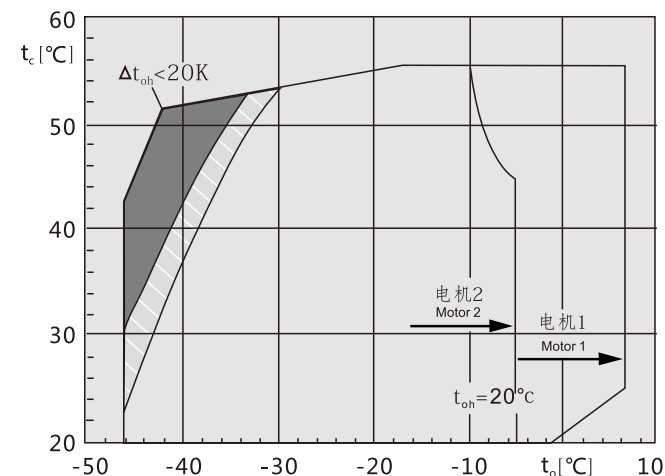
应用范围
基于吸气温度20°C

Application Scope
Suction gas temperature 20°C

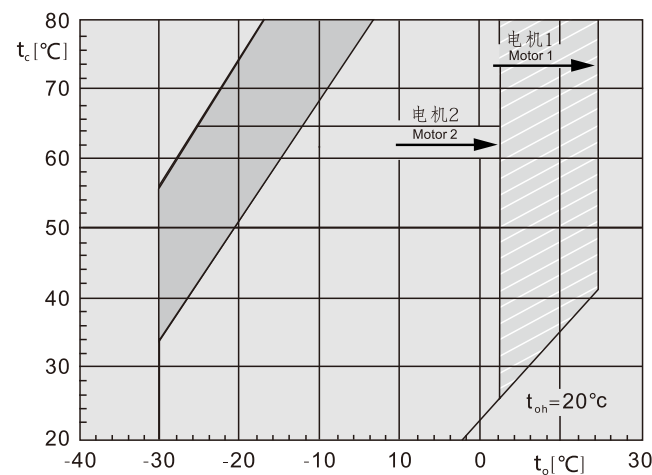
R404A•R507A
2YD-2.2—4YG-9.2



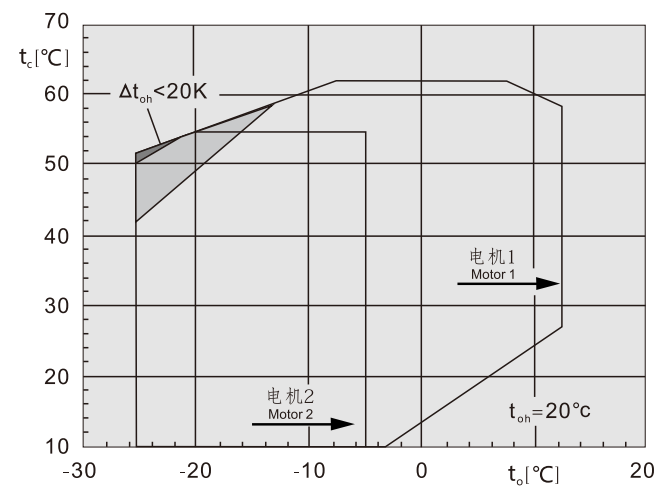
R404A•R507A
4YD-8.2—6WG-50.2



R134a



R407C



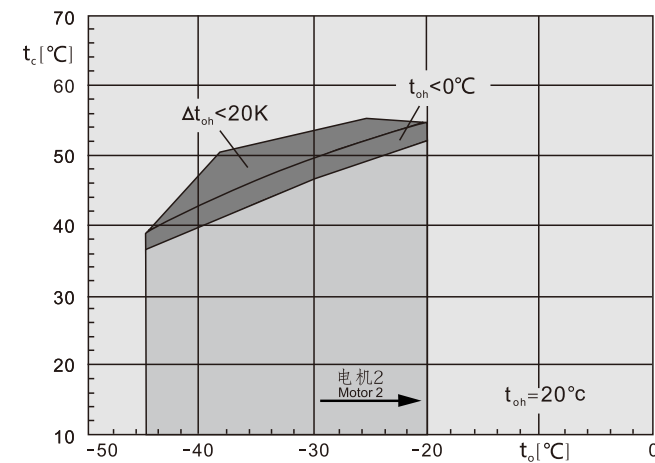
t_o Evaporating temperature(°C) t_o 蒸发温度(°C)
 t_{oh} Suction gas temperature(°C) t_{oh} 吸气温度(°C)
 Δt_{oh} Suction superheat(K) Δt_{oh} 吸气过热度(K)
 t_c Condensing temperature(°C) t_c 冷凝温度(°C)

Additional cooling or max. 0°C suction gas temperature
 Additional cooling
 Additional cooling&limited suction gas temperature
 Suction superheat>10K
 附加冷却或最高0°C吸气温度
 附加冷却
 附加冷却+限制最高吸气温度
 吸气过热度>10K

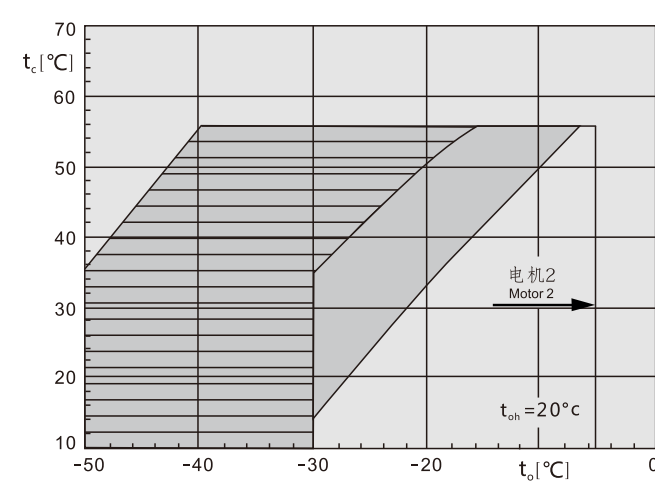
应用范围
基于吸气温度20°C

Application Envelope
Suction gas temperature 20°C

R22 空气冷却-直接吸气冷却 Air cooling-direct suction
2YD-2.2—4YD-5.2



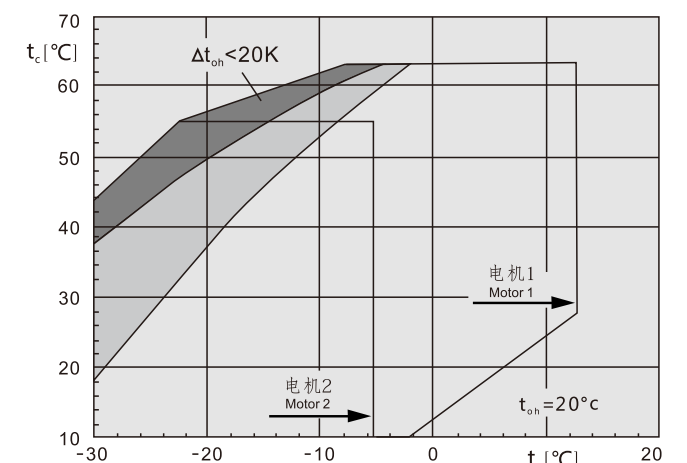
R22
4YD-8.2—6WD-40.2



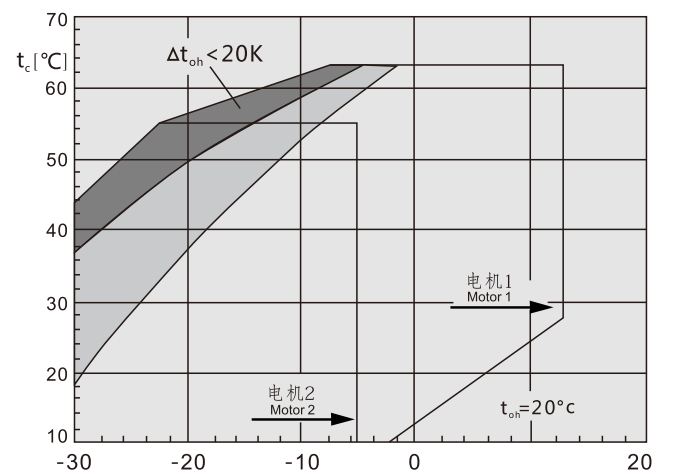
t_o Evaporating temperature(°C) t_o 蒸发温度(°C)
 t_{oh} Suction gas temperature(°C) t_{oh} 吸气温度(°C)
 Δt_{oh} Suction superheat(K) Δt_{oh} 吸气过热度(K)
 t_c Condensing temperature(°C) t_c 冷凝温度(°C)

Additional cooling
 Additional cooling&limited suction gas temperature
 Additional cooling&liquid injection cooling system
 附加冷却
 附加冷却+限制最高吸气温度
 附加冷却+喷液冷却系统

R22 吸气冷却 Suction gas cooling
2YD-2.2—4YG-9.2



R22
4YD-8.2—6WG-50.2



技术参数/ Technical Data

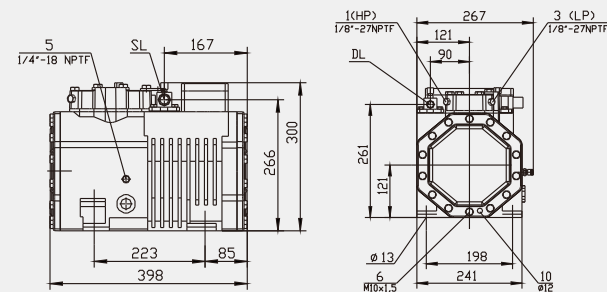
压缩机 型号 Compressor Model	电机 名义 功率 Nominal Motor- Power Hp/kW	排气量 Displacement m³/h 50/60Hz	缸数x直径 x行程 Number Of Cylinder x Diameter x Stoke mm	吸、排气阀接管 Suction, Discharge Line mm		油注入量 Oil Volume L	电源 Power Supply V/Φ/Hz	电气参数 Electrical Parameter		曲轴箱加热器 Crankcase Heater (220v) W	供油方式 Oil Supply Method	重量 Weight kg
				DL Discharge Valve	SL Suction Valve			最大工作 电流(A) Max Operating Current	启动、堵转 电流(A) Starting/ Locked Current			
2YD-2.2	2/1.5	13.4/16.2	2 × Φ50 × 39.3	Φ16	Φ22	1.5	220-240△ /380- 420Y/3/50 265-290△ /440- 480Y/3/60	11.9/6.9	53.7/30.7	120	离心润滑 Centrifugal lubrication	67.5
2YG-3.2	3/2.2	13.4/16.2	2 × Φ50 × 39.3	Φ16	Φ22	1.5		13.5/7.8	64/37	120		70.5
2YD-3.2	3/2.2	16.2/19.6	2 × Φ55 × 39.3	Φ16	Φ22	1.5		14.8/8.5	64/37	120		70
2YG-4.2	4/3	16.2/19.6	2 × Φ55 × 39.3	Φ16	Φ22	1.5		16.4/9.4	76.6/44.2	120		70
4YD-3.2	3/2.2	18.1/21.8	4 × Φ41 × 39.3	Φ16	Φ22	2		15.9/9.2	76.6/44.2	120		82
4YG-5.2	5/3.7	18.1/21.8	4 × Φ41 × 39.3	Φ16	Φ22	2		18.7/10.8	107.7/62.2	120		86
4YD-4.2	4/3	22.7/27.4	4 × Φ46 × 39.3	Φ22	Φ28	2		18.5/10.7	92.7/53.2	120		84
4YG-6.2	6/4.4	22.7/27.4	4 × Φ46 × 39.3	Φ22	Φ28	2		22.9/13.2	107.7/62.2	120		86
4YD-5.2	5/3.7	26.8/32.4	4 × Φ50 × 39.3	Φ22	Φ28	2		23.4/13.5	107.7/62.2	120		85.5
4YG-7.2	7/5.1	26.8/32.4	4 × Φ50 × 39.3	Φ22	Φ28	2		27.5/15.9	142.8/82.4	120		88.5
4YD-6.2	6/4.4	32.5/39.2	4 × Φ55 × 39.3	Φ22	Φ28	2		27.5/15.9	142.8/82.4	120		90.5
4YG-9.2	9/6.6	32.5/39.2	4 × Φ55 × 39.3	Φ22	Φ28	2		34.5/20	142.8/82.4	120		90.5
4YG-10.2	10/7.5	34.7/41.9	4 × Φ55 × 42	Φ22	Φ28	2.6	380- 420YY/3/50 440- 480YY/3/60	21	59/99	140	离心润滑 Centrifugal lubrication	139
4YD-8.2	8/5.5	41.3/49.9	4 × Φ60 × 42	Φ28	Φ35	2.6		17	49/81	120		134
4YG-12.2	12/8.8	41.3/49.9	4 × Φ60 × 42	Φ28	Φ35	2.6		24	69/113	140		141
4YD-10.2	10/7.5	48.5/58.5	4 × Φ65 × 42	Φ28	Φ35	2.6		21	59/99	140		139
4YG-15.2	15/10.5	48.5/58.5	4 × Φ65 × 42	Φ28	Φ35	2.6		31	81/132	140		147
4YD-12.2	12/8.8	56.2/67.9	4 × Φ70 × 42	Φ28	Φ35	2.6		24	69/113	140		141

技术参数/ Technical Data

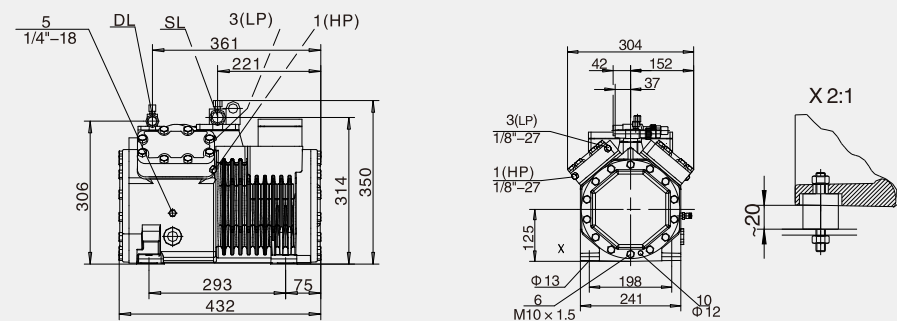
压缩机 型号 Compressor Model	电机 名义 功率 Nominal Motor- Power Hp/kW	排气量 Displacement m³/h 50/60Hz	缸数x直径 x行程 Number Of Cylinder x Diameter x Stoke mm	吸、排气阀接管 Suction, Discharge Line mm		油注入量 Oil Volume L	电源 Power Supply V/Φ/Hz	电气参数 Electrical Parameter		曲轴箱加热器 Crankcase Heater (220v) W	供油方式 Oil Supply Method	重量 Weight kg
				DL Discharge Valve	SL Suction Valve			最大工作 电流(A) Max Operating Current	启动、堵转 电流(A) Starting/ Locked Current			
4YG-20.2	20/15	56.2/67.9	4 × Φ70 × 42	Φ28	Φ42	2.6	380- 420YY/3/50 440- 480YY/3/60	37	97/158	140	离心润滑 Centrifugal lubrication	150
4VD-15.2	15/10.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ42	4		31	81/132	140		183
4VG-25.2	25/18.5	73.6/88.8	4 × Φ70 × 55	Φ28	Φ54	4.5		45	116/193	140		203
4VD-20.2	20/15	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		37	97/158	140		192
4VG-30.2	30/22	84.5/101.9	4 × Φ75 × 55	Φ28	Φ54	4.5		53	135/220	140	油泵供油 Forced- lubrication	206
6WD-25.2	25/18.5	110.5/133.4	6 × Φ70 × 55	Φ35	Φ54	4.75		45	116/193	140		224
6WG-35.2	35/25.5	110.5/133.4	6 × Φ70 × 55	Φ42	Φ54	4.75		61	147/262	140		235
6WD-30.2	30/22	126.8/153.0	6 × Φ75 × 55	Φ35	Φ54	4.75		53	135/220	140		228
6WG-40.2	40/30	126.8/153.0	6 × Φ75 × 55	Φ42	Φ54	4.75		78	180/323	140		238
6WD-40.2	40/30	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75		78	180/323	140		239
6WG-50.2	50/37	151.6/183.0	6 × Φ82 × 55	Φ42	Φ54	4.75		92	226/404	140		241
6WDS-20.2	20/15	73.6/36.9 88.8/44.5	6 × Φ70/70 × 55	Φ35	Φ42	4.75		37	97/158	140		220
6WDS-25.2	25/18.5	84.5/42.3 101.9/51.1	6 × Φ75/75 × 55	Φ35	Φ42	4.75		45	116/193	140		233
6WDS-30.2	30/22	101.1/50.5 122.0/60.9	6 × Φ82/82 × 55	Φ35	Φ42	4.75		53	135/220	140		234

压缩机各接口位置和外形尺寸图 Connections and Dimension

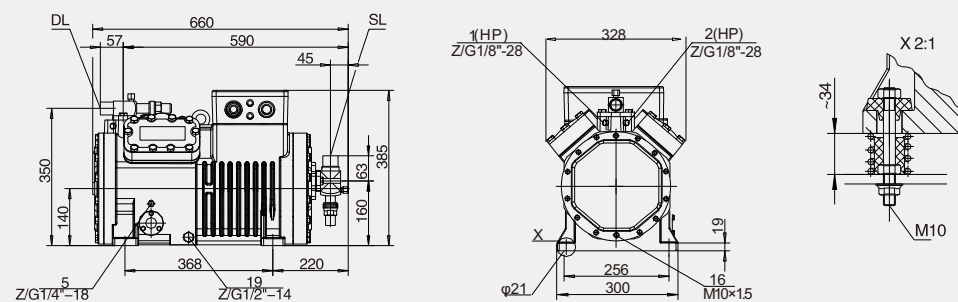
2YD-2.2---2YG-4.2



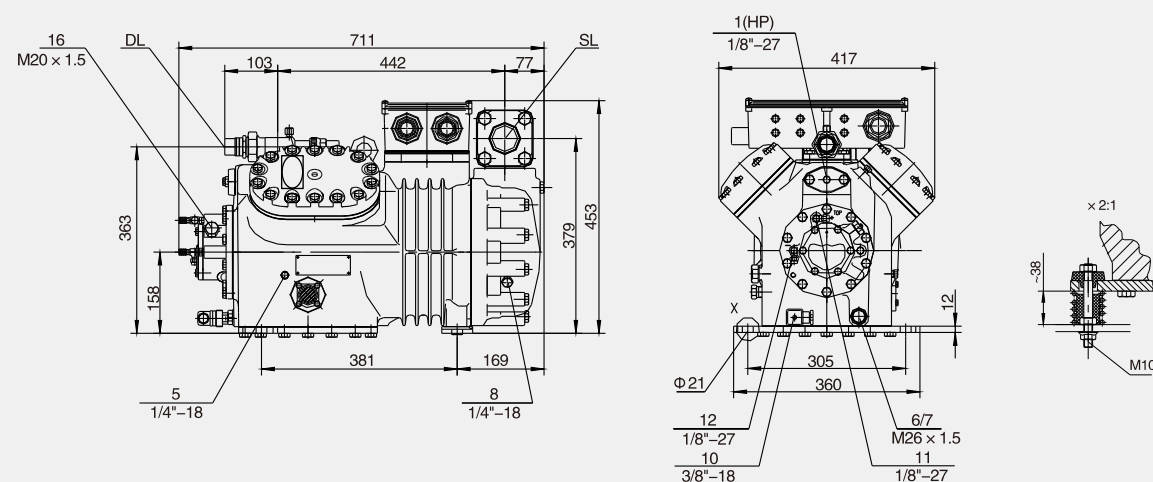
4YD-3.2---4YG-9.2



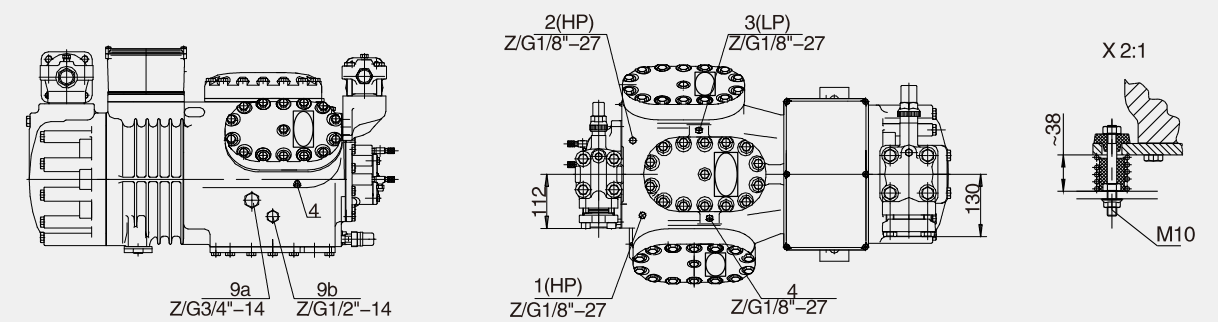
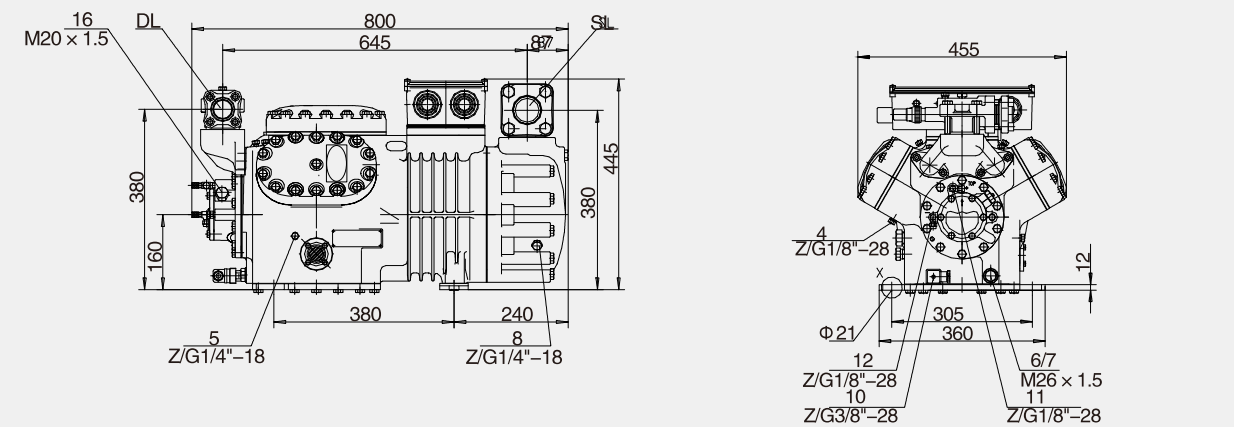
4YD-8.2---4YG-20.2



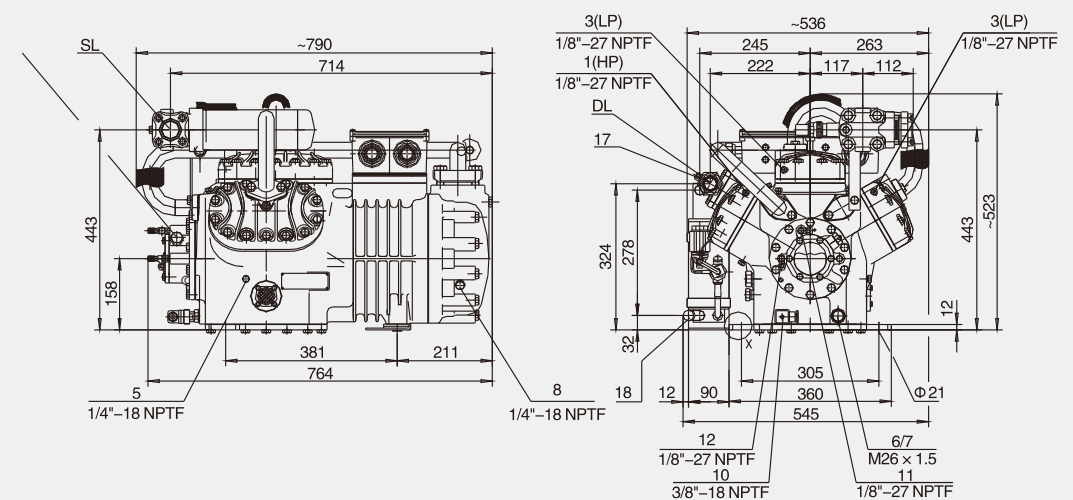
4VD-15.2---4VG-30.2



6WD-25.2---6WG-50.2



6WDS-20.2---6WDS-30.2



图示接管位置说明 Connection Positions

- | | | | |
|------------------------------|---------------------------------|---------------------|---|
| 1.高压接口 (HP) | 1.High pressure connection(HP) | 9a.气平衡接口 (并联运行) | 9a.Gas equalisation(parallel operation) |
| 2.排气温度探头接口 (HP) | 2.Discharge gas temp.sensor(HP) | 9b.油平衡接口 (并联运行) | 9b.Discharge gas temp.sensor(HP) |
| 3.低压接口 (LP) | 3.Low pressure connection(LP) | 10.曲轴箱加热器 | 10.Crankcase heater |
| 4.CIC系统:喷嘴接口
(不带液体过冷运行) | 4.CIC System:spray nozzle | 11.油压高压接口+ | 11.Oil pessure connection+ |
| 5.加油堵 | 5.Oil fill plug | 12.油压低压接口- | 12.Oil pessure connection- |
| 6.放油口 | 6.Oil drain | 16.油压差开关"Delta-p"连接 | 16.Connection for oil monitoring(Delta-P) |
| 7.油过滤器 (带磁螺栓) | 7.Oil filter(magnetic screw) | 21.油服务阀接口 | 21.Connection for oil service valve |
| 8.回油口 (接油分离器) | 8.Oil return(oil separator) | SL.吸气阀接口 | SL.Connection for suction valve |
| | | DL.排气阀接口 | DL.Connection for discharge valve |

制冷量表/Performance Data R22

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)															
			蒸发温度 Evaporating Temperature(℃)															
			↓	12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50
2YD-2.2	30	Qo Pe						9110 2.42	7430 2.29	5980 2.14	5150 2.02	4030 1.82	3100 1.62	2330 1.43	1700 1.24			
	40	Qo Pe						7970 2.77	6430 2.57	5110 2.35	4370 2.22	3370 1.97	2550 1.73	1870 1.49	1330 1.26			
	50	Qo Pe						6790 3.08	5400 2.80	4200 2.53	3520 2.40	2660 2.09	1960 1.80	1390 1.54				
2YG-3.2	30	Qo Pe	17280 2.01	15860 2.14	14530 2.24	13290 2.31	11060 2.36	9120 2.33	7440 2.24	5990 2.09	4740 1.92	3670 1.74	2770 1.58					
	40	Qo Pe	15400 2.89	14110 2.92	12910 2.93	11780 2.92	9750 2.84	7980 2.69	6450 2.50	5120 2.28	3970 2.06	3000 1.86	2160 1.70					
	50	Qo Pe	13490 3.64	12320 3.59	11230 3.52	10220 3.44	8380 3.23	6780 2.98	5390 2.72	4190 2.45	3160 2.20	2270 2.00						
2YD-3.2	30	Qo Pe						11350 2.85	9290 2.74	7500 2.56	6390 2.40	5040 2.15	3890 1.91	2940 1.70	2160 1.49			
	40	Qo Pe						9880 3.32	8010 3.07	6380 2.79	5400 2.56	4160 2.27	3140 2.00	2290 1.74	1600 1.47			
	50	Qo Pe						8370 3.73	6680 3.39	5230 3.04	4450 2.79	3340 2.46	2430 2.19	1680 1.90				
2YG-4.2	30	Qo Pe	21400 2.48	19650 2.63	18020 2.74	16490 2.83	13750 2.91	11360 2.88	9290 2.78	7510 2.61	5970 2.40	4660 2.17	3550 1.93					
	40	Qo Pe	18960 3.67	17380 3.69	15910 3.68	14540 3.64	12050 3.51	9890 3.31	8020 3.06	6390 2.79	5000 2.51	3800 2.24	2780 2.01					
	50	Qo Pe	16490 4.61	15080 4.51	13760 4.40	12520 4.27	10290 3.99	8350 3.67	6670 3.33	5210 3.01	3960 2.72	2880 2.47						
4YD-3.2	30	Qo Pe						12760 3.25	10380 3.07	8310 2.86	7070 2.68	5540 2.43	4260 2.17	3190 1.93	2300 1.71			
	40	Qo Pe						11220 3.78	9030 3.48	7140 3.16	6010 2.96	4650 2.62	3510 2.28	2560 1.97	1790 1.70			
	50	Qo Pe						9650 4.22	7670 3.82	5950 3.42	4960 3.25	3770 2.88	2770 2.52	1940 2.13				
4YG-5.2	30	Qo Pe	24400 2.84	22350 2.97	20500 3.06	18720 3.13	15540 3.17	12780 3.12	10390 2.99	8320 2.80	6550 2.57	5030 2.32	3740 2.07					
	40	Qo Pe	21800 4.00	19960 4.02	18250 4.02	16650 3.99	13750 3.86	11230 3.66	9040 3.40	7150 3.11	5530 2.80	4130 2.49	2950 2.21					
	50	Qo Pe	19180 5.00	17530 4.93	15980 4.84	14530 4.72	11920 4.45	9640 4.12	7660 3.76	5950 3.39	4480 3.02	3220 2.67						
4YD-4.2	30	Qo Pe						15780 3.97	12860 3.78	10350 3.54	8820 3.31	6930 3.07	5340 2.76	4010 2.41	2910 2.09			
	40	Qo Pe						13840 4.60	11180 4.28	8880 3.92	7550 3.66	5860 3.32	4440 2.94	3270 2.55	2300 2.17			
	50	Qo Pe						11860 5.11	9450 4.68	7360 4.24	6160 4.01	4690 3.57	3450 3.04	2420 2.49				
4YG-6.2	30	Qo Pe	29950 3.43	27500 3.64	25200 3.79	23050 3.90	19160 3.98	15800 3.91	12880 3.73	10360 3.47	8200 3.17	6350 2.86	4780 2.58					
	40	Qo Pe	26750 4.97	24500 5.03	22400 5.03	20450 5.00	16930 4.83	13860 4.56	11190 4.22	8890 3.84	6910 3.46	5210 3.12	3770 2.84					
	50	Qo Pe	23450 6.31	21450 6.22	19570 6.09	17810 5.94	14630 5.56	11850 5.12	9440 4.65	7350 4.19	5560 3.77	4020 3.43						
4YD-5.2	30	Qo Pe						19140 4.77	15600 4.51	12540 4.21	10300 3.93	8110 3.62	6260 3.27	4690 2.91	3380 2.55			
	40	Qo Pe						16830 5.56	13590 5.14	10800 4.70	8830 4.35	6880 3.92	5220 3.49	3820 3.05	2650 2.62			
	50	Qo Pe						14480 6.23	11550 5.66	9020 5.09	7280 4.67	5570 4.23	4120 3.82	2920 3.39				
4YG-7.2	30	Qo Pe	36400 4.21	33400 4.37	30600 4.49	28000 4.57	23250 4.63	19160 4.56	15610 4.40	12540 4.15	9910 3.85	7670 3.51	5760 3.15					
	40	Qo Pe	32500 5.83	29750 5.86	27200 5.86	24850 5.82	20550 5.66	16830 5.40	13600 5.06	10800 4.67	8400 4.24	6340 3.80	4590 3.36					
	50	Qo Pe	28500 7.28	26100 7.19	23800 7.07	21700 6.93	17830 6.57	14480 6.14	11560 5.65	9030 5.13	6850 4.61	4970 4.09						
4YD-6.2	30	Qo Pe						22950 5.76	18740 5.48	15120 5.16	12000 4.80	9340 4.39	7070 3.91					
	40	Qo Pe						20250 6.62	16410 6.18	13090 5.72	10230 5.22	7780 4.68	5700 4.09					
	50	Qo Pe						17510 7.50	14010 6.91	10990 6.30	8390 5.67	6160 5.00						
4YG-9.2	30	Qo Pe	43300 5.50	39750 5.69	36450 5.82	33350 5.90	27800 5.92	22950 5.78	18750 5.53	15120 5.18	12000 4.77	9330 4.34	7060 3.93					
	40	Qo Pe	38900 7.45	35650 7.42	32600 7.36	29800 7.26	24700 7.00	20250 6.64	16420 6.21	13100 5.72	10240 5.20	7790 4.66	5710 4.13					
	50	Qo Pe	34250 9.27	31350 9.05	28650 8.82	26100 8.57	21500 8.06	17500 7.50	14010 6.92	10990 6.30	8380 5.66	6150 4.99						

参数基于吸气温度20℃，50Hz，液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.

■ VARICOOL系统，附加冷却，改变吸气阀位置。VARICOOL system,additional cooling,position of suction valve changed.

■ 附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

■ 附加冷却和喷液冷却系统。Additional cooling &liquid injection cooling system.

制冷量表/Performance Data R22

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)															
			蒸发温度 Evaporating Temperature(℃)															
			↓	12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50
4YG-10.2	30	Qo Pe	47700 5.73	43800 5.84	40150 5.91	36750 5.94	30600 5.92	25250 5.77	20650 5.52	16630 5.16	13170 4.73	10220 4.21	7700 3.64					
	40	Qo Pe	42250 7.41	38750 7.38	35500 7.32	32500 7.23	27000 6.97	22250 6.61	18110 6.17	14530 5.66	11440 5.10	8800 4.48	6540 3.84					
	50	Qo Pe	36900 8.99	33800 8.83	30950 8.65	28250 8.44	23400 7.97	19200 7.43	15540 6.82	12380 6.16	9660 5.46	7340 4.73						
4YD-8.2	30	Qo Pe						30700 7.30	25200 6.91	20450 6.44	16370 5.89	12880 5.29	9830 4.66	7320 4.01	5220 3.35			
	40	Qo Pe						27100 8.39	22150 7.77	17840 7.11	14150 6.42	11000 5.70	8200 5.06	5920 4.31	4010 3.51			
	50	Qo Pe						23450 9.40	19050 8.58	15250 7.73	11880 6.90	9050 6.09	6640 5.25	4610 4.37	2910 3.43			
4YG-12.2	30	Qo Pe	57100 6.90	52400 7.04	48100 7.13	44000 7.18	36700 7.17	30350 7.00	24800 6.70	20050 6.28	15930 5.76	12410 5.15	9410 4.46					
	40	Qo Pe	50800 9.07	46650 9.03	42750 8.95	39100 8.84	32550 8.52	26800 8.09	21850 7.56	17550 6.95	13850 6.27	10680 5.55	7980 4.79					
	50	Qo Pe	44400 11.07	40700 10.87	37250 10.64	34050 10.38	28200 9.80	23150 9.13	18770 8.39	14980 7.59	11730 6.74	8950 5.86						
4YD-10.2	30	Qo Pe						35650 8.44	29250 8.03	23700 7.49	18940 6.86	14860 6.14	11330 5.46	8390 4.70	5920 3.96			
	40	Qo Pe						31450 9.74	25700 9.03	20700 8.25	16390 7.42	12710 6.56	9500 5.68	6850 4.83	4630 4.02			
	50	Qo Pe						27300 10.92	22150 9.94	17700 8.93	13800 7.95	10510 6.91	7700 5.89	5330 4.93	3350 4.04			
4YG-15.2	30	Qo Pe	68400 8.33	62800 8.45	57600 8.52	52700 8.54	43800 8.45	36150 8.20	29500 7.81	23750 7.28	18810 6.65	14590 5.93	11000 5.14					
	40	Qo Pe	60900 10.65	55900 10.57	51200 10.45	46800 10.29	38850 9.88	31950 9.35	26000 8.72	20800 8.00	16360 7.21	12550 6.36	9320 5.49					
	50	Qo Pe	53300 12.86	48900 12.58	44700 12.27	40800 11.94	3380 11.23	27700 10.45	22400 9.60	17860 8.70	13940 7.74	10610 6.73						
4YD-12.2	30	Qo Pe						41150 10.01	33750 9.46	27400 8.79	21900 8.02	17210 7.16	12990 6.29	9600 5.41	6760 4.55			
	40	Qo Pe						36650 11.46	29950 10.60	24150 9.66	19170 8.66	14910 7.64	11040 6.66	7960 5.67	5400 4.75			
	50	Qo Pe						32050 12.77	26050 11.63	20850 10.43	16150 9.27	12280 8.09	8980 6.94	6200 5.84	3880 4.81			
4YG-20.2	30	Qo Pe	79100 10.60	72600 10.62	66600 10.59	61000 10.53	50800 10.29	41900 9.92	34250 9.41	27600 8.77	21900 8.02	16980 7.15	12810 6.18					
	40	Qo Pe	70600 13.15	64800 13.02	59300 12.85	54200 12.63	45000 12.06	37000 11.34	30100 10.51	24100 9.58	18920 8.59	14500 7.54	10750 6.48					
	50	Qo Pe	61900 15.74	56700 15.40	51900 15.01	47400 14.59	39250 13.65	32150 12.60	26000 11.46	20650 10.26	16050 9.02	12130 7.78						
4VD-15.2	30	Qo Pe						52300 12.73	42700 11.93	34450 11.01	27350 9.98	21300 8.82	16400 8.25	12000 7.13	8310 5.98			
	40	Qo Pe						46850 14.91	38100 13.81	30500 12.56	24050 11.19	18500 9.76	13840 8.67	9800 7.30	6440 5.90			
	50	Qo Pe						41700 17.11	33700 15.67	26800 14.13	20900 12.47	15800 10.85	11500 9.21	7920 7.53	4970 5.79			
4VG-25.2	30	Qo Pe	99300 13.89	91200 13.74	83600 13.56	76500 13.34	63700 12.84	52600 12.22	42950 11.48	34650 10.63	27500 9.67	21400 8.59	16260 7.41					
	40	Qo Pe	89700 16.75	82300 16.47	75400 16.16	68900 15.82	57300 15.05	47150 14.17	38350 13.18	30800 12.07	24250 10.85	18670 9.52	13940 8.08					
	50	Qo Pe	80500 19.56	73800 19.16	67600 18.74	61700 18.27	51100 17.25	41950 16.10	33950 14.83	27050 13.44	21100 11.94	16030 10.33						
4VD-20.2	30	Qo Pe						60000 14.64	48950 13.67	39500 12.63	31400 11.51	24500 10.29	18940 9.65	13920 8.40	9670 7.10			
	40	Qo Pe						53700 17.39	43700 16.04	35100 14.60	27750 13.07	21500 11.42	16080 10.35	11430 8.75	7530 7.14			
	50	Qo Pe						47800 20.10	38750 18.40	30950 16.65	24200 14.89	18350 13.14	13390 11.23	9230 9.19	5790 7.06			
4VG-30.2	30	Qo Pe	114200 16.42	104800 16.23	96000 16.01	87800 15.74	73100 15.11	60400 14.33	49300 13.44	39800 12.45	31650 11.36	24700 10.21	18840 9.00					
	40	Qo Pe	103000 19.78	94500 19.46	86500 19.09	79100 18.68	65700 17.74	54000 16.67	44000 15.49	35350 14.20	27950 12.83	21650 11.40	16330 9.92					
	50	Qo Pe	92300 23.40	84600 22.90	77400 22.30	70700 21.70	58600 20.40	48100 19.04	39000 17.57	31200 16.05	24500 14.49	18810 12.91						
6WD-25.2	30	Qo Pe						78500 19.10	64100 17.89	51700 16.51	41050 14.96	31950 13.23	24600 12.34	18010 10.70	12460 8.99			
	40	Qo Pe						70300 22.40	57200 20.70	45850 18.84	36100 16.79	27750 14.63	20750 13.01	14710 10.96	9660 8.86			
	50	Qo Pe						62600 25.60	50600 23.50	40250 21.20	31350 18.68	23700 16.28	17240 13.81	11870 11.27	7440 8.66			

制冷量表/Performance Data R22

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)																
			蒸发温度 Evaporating Temperature(℃)																
			↓	12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	
6WG-35.2	30	Qo	149100	136900	125500	114800	95600	79000	64500	52000	41300	32200	24400						
		Pe	20.90	20.60	20.40	20.00	19.27	18.34	17.24	15.96	14.52	12.90	11.12						
	40	Qo	134600	123500	113200	10350	86000	70800	57600	46200	36400	28050	20900						
		Pe	25.20	24.70	24.30	23.70	22.60	21.30	19.78	18.12	16.29	14.30	12.14						
	50	Qo	120900	110800	101400	92700	76800	63000	51000	40600	31700	24050							
		Pe	29.40	28.80	28.10	27.40	25.90	24.20	22.30	20.20	17.92	15.50							
6WD-30.2	30	Qo						90000	73500	59300	47100	36750	28400	20850	14480				
		Pe						22.00	20.50	18.96	17.27	15.43	14.48	12.59	10.65				
	40	Qo						80600	65600	52700	41600	32200	24100	17130	11280				
		Pe						26.10	24.10	21.90	19.61	17.14	15.50	13.10	10.68				
	50	Qo						71700	58200	46500	36300	27500	20050	13840	8670				
		Pe						30.10	27.60	25.00	22.31	19.71	16.85	13.79	10.58				
6WG-40.2	30	Qo	171300	157200	144100	131800	109700	90600	74000	59700	47500	37100	28300						
		Pe	24.60	24.40	24.00	23.60	22.70	21.50	20.20	18.68	17.05	15.32	13.51						
	40	Qo	154600	141800	129800	118600	98500	81100	66000	53000	41900	32450	24500						
		Pe	29.70	29.20	28.60	28.00	26.60	25.00	23.20	21.30	19.26	17.11	14.89						
	50	Qo	138500	127000	116200	106100	88000	72200	58500	46800	36750	28200							
		Pe	35.20	34.40	33.50	32.60	30.70	28.60	26.40	24.10	21.70	19.38							
6WD-40.2	30	Qo						106100	86800	70100	55900	43800	34000	25100	17600				
		Pe						27.40	25.50	23.50	21.20	18.92	17.07	14.95	12.96				
	40	Qo						95300	77700	62600	49650	38700	29150	20900	13960				
		Pe						31.90	29.50	27.00	24.30	21.40	18.61	15.80	13.06				
	50	Qo						85100	69200	55600	43600	33250	24450	17060	10890				
		Pe						36.40	33.50	30.40	27.04	23.71	20.21	16.60	12.94				
6WG-50.2	30	Qo	201400	184800	169400	155000	129100	106700	87300	70600	56300	44150	33900						
		Pe	31.90	31.40	30.80	30.20	28.70	27.10	25.30	23.30	21.20	18.97	16.66						
	40	Qo	181700	166700	152800	139800	116300	95900	78300	63100	50100	39050	29700						
		Pe	37.60	36.90	36.10	35.20	33.30	31.30	29.00	26.60	24.00	21.30	18.44						
	50	Qo	163200	149700	137100	125300	104100	85700	69700	56000	44250	34250							
		Pe	43.00	42.10	41.10	40.10	37.90	35.50	32.80	29.90	26.80	23.50							
6WDS-20.2	30	Qo										35500	29700	24500	19970	15960	12400	9180	
		Pe										15.46	14.21	12.95	11.68	10.41	9.15	7.91	
	40	Qo										34750	29100	24050	19560	15560	11940	8590	
		Pe										17.61	16.12	14.64	13.15	11.67	10.19	8.71	
	50	Qo										34050	28500	23600	19210	15220			
		Pe										19.74	18.00	16.29	14.56	12.80			
6WDS-25.2	30	Qo										40800	34050	28150	22900	18320	14230	10540	
		Pe										17.75	16.31	14.86	13.41	11.95	10.51	9.08	
	40	Qo										39900	33400	27600	22450	17860	13700	9860	
		Pe										20.21	18.51	16.81	15.10	13.40	11.70	10.00	
	50	Qo										39100	32750	27100	22050	17470			
		Pe										22.66	20.67	18.70	16.72	14.70			
6WDS-30.2	30	Qo										48800	40750	33700	27400	21900	17030	12610	
		Pe										21.23	19.52	17.78	16.04	14.30	12.57	10.86	
	40	Qo										47750	39950	33000	26850	21350	16390	11790	
		Pe										24.18	22.15	20.11	18.07	16.03	13.99	11.96	
	50	Qo										46750	39200	32450	26400	20900			
		Pe										27.12	24.73	22.37	20.01	17.59			

参数基于吸气温度20℃，50Hz，液体无过冷。Suction gas temperature 20℃, 50Hz, without liquid subcooling.

附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

附加冷却和喷液冷却系统。Additional cooling &liquid injection cooling system.

制冷量表/Performance Data R404A/R507A

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)																
			蒸发温度 Evaporating Temperature(℃)																
			↓	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65
2YD-2.2	30	Qo Pe				10110 2.72	8340 2.59	6810 2.43	5490 2.25	4360 2.05	3390 1.83	2570 1.59	1880 1.35	1300 1.09					
	40	Qo Pe				8490 3.15	6980 2.94	5670 2.7	4530 2.44	3560 2.17	2720 1.88	2020 1.58	1420 1.28	920 0.98					
	50	Qo Pe				6900 3.55	5640 3.25	4550 2.93	3600 2.59	2780 2.25	2080 1.9	1490 1.54	990 1.19						
2YG-3.2	30	Qo Pe	15940 2.79	14630 2.8	12260 2.77	10200 2.71	8420 2.6	6870 2.45	5540 2.28	4400 2.08	3420 1.86	2590 1.62	1890 1.37						
	40	Qo Pe	13510 3.49	12390 3.44	10380 3.32	8610 3.16	7080 2.96	5750 2.74	4600 2.49	3610 2.21	2760 1.92	2040 1.62	1430 1.31						
	50	Qo Pe	11110 4.11	10180 4.02	8500 3.8	7030 3.55	5740 3.27	4630 2.96	3660 2.63	2820 2.29	2110 1.93	1510 1.57	1000 1.2						
2YD-3.2	30	Qo Pe				12470 3.33	10290 3.15	8400 2.95	6780 2.72	5380 2.48	4190 2.21	3180 1.93	2330 1.64	1630 1.35					
	40	Qo Pe				10510 3.85	8650 3.58	7040 3.29	5640 2.98	4440 2.65	3420 2.32	2550 1.97	1810 1.62	1200 1.27					
	50	Qo Pe				8590 4.35	7050 3.98	5710 3.60	4550 3.21	3540 2.80	2690 2.39	1950 1.98	1340 1.57						
2YG-4.2	30	Qo Pe	19440 3.48	17840 3.48	14960 3.42	12450 3.32	10280 3.17	8400 2.98	6770 2.76	5380 2.50	4190 2.23	3170 1.94	2320 1.64						
	40	Qo Pe	16470 4.31	15110 4.25	12660 4.08	10520 3.86	8660 3.61	7050 3.33	5650 3.02	4450 2.69	3420 2.34	2540 1.98	1810 1.61						
	50	Qo Pe	13550 5.08	12430 4.96	10400 4.68	8620 4.36	7070 4.01	5720 3.63	4550 3.23	3540 2.82	2690 2.40	1960 1.98	1340 1.55						
4YD-3.2	30	Qo Pe				13720 3.85	11330 3.66	9260 3.44	7470 3.18	5940 2.90	4630 2.58	3510 2.24	2580 1.88	1800 1.50					
	40	Qo Pe				11560 4.42	9520 4.10	7740 3.76	6200 3.40	4880 3.03	3750 2.63	2790 2.23	1980 1.82	1310 1.40					
	50	Qo Pe				9450 4.91	7740 4.48	6260 4.04	4970 3.59	3860 3.13	2910 2.67	2110 2.22	1430 1.77						
4YG-5.2	30	Qo Pe	21550 3.78	19790 3.79	16590 3.76	13810 3.67	11400 3.52	9320 3.32	7520 3.07	5970 2.79	4650 2.48	3530 2.15	2580 1.81						
	40	Qo Pe	18240 4.65	16740 4.60	14020 4.46	11650 4.25	9580 3.99	7790 3.69	6240 3.35	4900 2.98	3760 2.59	2790 2.18	1970 1.76						
	50	Qo Pe	14970 5.44	13730 5.33	11470 5.07	9500 4.75	7780 4.39	6280 3.98	4980 3.55	3860 3.10	2900 2.62	2090 2.14	1410 1.65						
4YD-4.2	30	Qo Pe				17330 4.61	14290 4.39	11660 4.12	9400 3.81	7450 3.45	5800 3.06	4390 2.65	3210 2.22	2220 1.78					
	40	Qo Pe				14440 5.28	11870 4.93	9650 4.53	7720 4.10	6070 3.64	4650 3.15	3450 2.65	2440 2.14	1590 1.63					
	50	Qo Pe				11650 5.86	9550 5.39	7720 4.87	6130 4.33	4760 3.77	3590 3.19	2590 2.60	1750 2.02						
4YG-6.2	30	Qo Pe	27500 4.73	25200 4.75	21100 4.73	17580 4.62	14500 4.43	11830 4.17	9530 3.85	7550 3.48	5860 3.08	4420 2.65	3210 2.21						
	40	Qo Pe	23150 5.87	21250 5.81	17780 5.62	14750 5.35	12120 5.01	9840 4.61	7860 4.17	6160 3.68	4700 3.17	3470 2.65	2420 2.12						
	50	Qo Pe	18930 6.86	17360 6.72	14490 6.37	11980 5.95	9790 5.47	7890 4.95	6240 4.38	4820 3.79	3600 3.19	2570 2.58	1710 1.97						
4YD-5.2	30	Qo Pe				21100 5.52	17420 5.29	14220 4.99	11470 4.62	9100 4.18	7080 3.70	5370 3.19	3930 2.66	2730 2.11					
	40	Qo Pe				17650 6.34	14520 5.95	11810 5.50	9460 4.99	7440 4.43	5720 3.83	4250 3.22	3010 2.60	1980 1.98					
	50	Qo Pe				14300 7.07	11730 6.53	9490 5.93	7550 5.29	5880 4.62	4440 3.92	3220 3.22	2190 2.52						
4YG-10.2	30	Qo Pe	42750 7.14	39200 7.13	32800 7.01	27250 6.76	22400 6.41	18240 5.96	14610 5.45	11490 5.52	8810 4.27	6530 3.64	4580 3.00						
	40	Qo Pe	36100 8.67	33100 8.54	27600 8.18	22850 7.70	18680 7.14	15070 6.50	11950 5.80	18110 6.17	6960 4.31	5000 3.55	3350 2.80						
	50	Qo Pe	29550 9.97	27050 9.71	22500 9.13	18490 8.44	15020 7.68	12010 6.87	9410 6.01	15540 6.82	5290 4.26	3690 3.39	2360 2.57						

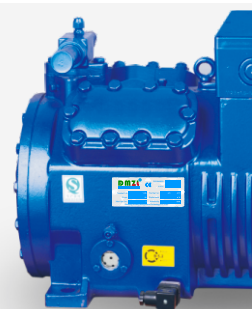
制冷量表/Performance Data R404A/R507A

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)																	
			蒸发温度 Evaporating Temperature(℃)																	
			↓	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65	-70
4YG-7.2	30	Qo	32600	29900	25000	20800	17120	13950	11210	8860	6860	5160	3720							
		Pe	5.49	5.52	5.51	5.39	5.18	4.88	4.52	4.10	3.63	3.12	2.59							
	40	Qo	27500	25200	21100	17490	14350	11630	9270	7250	5510	4040	2800							
		Pe	6.81	6.75	6.55	6.26	5.88	5.43	4.91	4.35	3.74	3.11	2.47							
	50	Qo	22500	20600	17210	14230	11620	9350	7380	5690	4240	3010	1980							
		Pe	7.98	7.83	7.46	7.00	6.46	5.86	5.20	4.50	3.78	3.03	2.28							
4YD-6.2	30	Qo				24950	20650	16900	13670	10900	8540	6530	4840	3420						
		Pe				6.65	6.36	5.98	5.52	5.01	4.45	3.86	3.25	2.63						
	40	Qo				21100	17420	14200	11420	9030	6980	5240	3770	2540						
		Pe				7.64	7.17	6.63	6.03	5.37	4.67	3.94	3.21	2.47						
	50	Qo				17320	14220	11520	9190	7180	5460	4000	2770							
		Pe				8.61	7.98	7.28	6.51	5.71	4.87	4.01	3.14							
4YG-9.2	30	Qo	38800	35600	29900	24900	20600	16880	13660	10890	8530	6530	4840							
		Pe	6.85	6.87	6.82	6.64	6.36	5.98	5.53	5.01	4.45	3.86	3.25							
	40	Qo	32850	30150	25300	21100	17410	14210	11440	9050	7000	5250	3770							
		Pe	8.35	8.27	8.01	7.64	7.18	6.63	6.02	5.36	4.66	3.94	3.21							
	50	Qo	27050	24850	20900	17380	14310	11620	9280	7240	5480	3960	2660							
		Pe	9.80	9.62	9.16	8.61	7.98	7.28	6.52	5.71	4.87	4.01	3.14							
4YD-8.2	30	Qo				33050	27250	22200	17890	14170	10990	8300	6040	4150						
		Pe				8.74	8.17	7.55	6.87	6.16	5.41	4.64	3.86	3.07						
	40	Qo				27750	22800	18480	14760	11560	8830	6520	4580	2960						
		Pe				9.86	9.05	8.20	7.34	6.46	5.57	4.66	3.74	2.81						
	50	Qo					18350	14790	11710	9070	6800	4880	3260							
		Pe					9.74	8.71	7.68	6.65	5.61	4.55	3.46							
4YG-12.2	30	Qo	51500	47200	39450	32750	26900	21900	17550	13830	10650	7960	5700							
		Pe	8.63	8.63	8.49	8.22	7.81	7.29	6.68	6.00	5.26	4.48	3.68							
	40	Qo	43500	39850	33300	27550	22600	18260	14530	11320	8590	6270	4320							
		Pe	10.66	10.47	9.99	9.40	8.72	7.96	7.15	6.29	5.40	4.51	3.62							
	50	Qo	35400	32400	27050	22350	18230	14650	11550	8880	6590	4650	3020							
		Pe	12.28	11.93	11.17	10.33	9.42	8.45	7.45	6.42	5.39	4.36	3.36							
4YD-10.2	30	Qo				38300	31600	25750	20700	16390	12690	9550	6910	4690						
		Pe				10.07	9.37	8.64	7.87	7.06	6.22	5.34	4.43	3.48						
	40	Qo				32300	26500	21500	17130	13400	10220	7520	5240	3350						
		Pe				11.39	10.45	9.47	8.45	7.41	6.35	5.30	4.25	3.22						
	50	Qo					21500	17290	13660	10550	7890	5640	3760							
		Pe					11.26	10.04	8.80	7.53	6.28	5.05	3.88							
4YG-15.2	30	Qo	61500	56400	47100	39050	32100	26000	20800	16320	12490	9240	6500							
		Pe	10.23	10.19	9.96	9.58	9.06	8.43	7.70	6.90	6.04	5.14	4.23							
	40	Qo	52200	47850	39950	33050	27050	21850	17360	13490	10190	7390	5020							
		Pe	12.41	12.14	11.51	10.79	9.99	9.11	8.18	7.19	6.17	5.13	4.07							
	50	Qo	42600	39000	32500	26750	21800	17430	13680	10460	7710	5380	3420							
		Pe	14.27	13.78	12.78	11.73	10.66	9.55	8.43	7.28	6.11	4.94	3.75							
4YD-12.2	30	Qo				44000	36250	29550	23750	18810	14580	11000	7980	5470						
		Pe				11.88	11.15	10.30	9.35	8.35	7.30	6.23	5.19	4.18						
	40	Qo				37300	30600	24800	19810	15510	11840	8740	6120	3950						
		Pe				13.39	12.33	11.18	9.97	8.71	7.44	6.19	4.99	3.87						
	50	Qo					24850	20000	15820	12210	9120	6510	4300							
		Pe					13.28	11.83	10.37	8.91	7.45	6.01	4.60							
4YG-20.2	30	Qo	71000	65100	54500	45250	37200	30250	24250	19070	14640	10860	7660							
		Pe	12.24	12.20	11.94	11.47	10.82	10.04	9.14	8.16	7.12	6.07	5.02							
	40	Qo	60500	55400	46250	38200	31250	25200	20000	15530	11730	8510	5820							
		Pe	14.78	14.49	13.79	12.91	11.91	10.80	9.62	8.40	7.16	5.95	4.78							
	50	Qo	49900	45650	37900	31100	25250	20150	15760	12010	8840	6180	3980							
		Pe	16.78	16.28	15.18	13.95	12.63	11.24	9.81	8.38	6.97	5.63	4.37							
4VD-15.2	30	Qo				58500	48400	39700	32200	25750	20250	15560	11630	8350						
		Pe				15.78	14.84	13.79	12.63	11.40	10.10	8.77	7.43	6.10						
	40	Qo				49850	41150	33600	27100	21500	16730	12660	9240	6380						
		Pe				18.16	16.80	15.34	13.82	12.25	10.65	9.05	7.47	5.93						
	50	Qo					33950	27600	22050	17330	13270	9820	6920							
		Pe					18.50	16.67	14.80	12.91	11.03	9.17	7.37							
4VG-25.2	30	Qo	90700	83200	69700	57900	47750	38950	31350	24800	19210	14460	10460							
		Pe	16.14	16.07	15.72	15.14	14.36	13.41	12.32	11.11	9.81	8.46	7.08							
	40	Qo	77400	71000	59500	49400	40650	33000	26450	20800	15930	11800	8320							
		Pe	19.56	19.22	18.37	17.32	16.11	14.76	13.31	11.78	10.20	8.60	7.00							
	50	Qo	64500	59100	49500	41000	33600	27200	21600	16830	12740	9260	6340							
		Pe	22.78	22.18	20.84	19.33	17.71	15.98	14.18	12.34	10.49	8.65	6.86							

参数基于吸气温度20℃，50Hz，液体无过冷。Suction gas temperature 20℃, without liquid subcooling.
附加冷却或限制吸气温度。Additional cooling or limited suction gas temperature.

制冷量表/Performance Data R404A/R507A

型号 Model		冷凝温度 Condensing Temperature ℃	制冷量 Refrigerating Capacity Qo(W) 功率消耗 Power Consumption Pe(kW)																
			蒸发温度 Evaporating Temperature(℃)																
			↓	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	-50	-55	-60	-65
4VD-20.2	30	Qo Pe				67100 18.22	55500 17.12	45400 15.89	36750 14.55	29350 13.12	23000 11.62	17600 10.08	13060 8.53	9260 6.97					
	40	Qo Pe				57200 20.94	47300 19.36	38700 17.68	31200 15.93	24800 14.13	19250 12.30	14540 10.47	10540 8.65	7160 6.89					
	50	Qo Pe					38750 21.25	31650 19.15	25450 17.02	20100 14.87	15480 12.73	11510 10.63	8120 8.60						
4VG-30.2	30	Qo Pe	103800 19.21	95300 19.07	79900 18.57	66500 17.81	54900 16.84	44900 15.70	36250 14.41	28800 13.02	22450 11.57	17040 10.09	12480 8.61						
	40	Qo Pe	89100 23.37	81800 22.88	68600 21.73	57000 20.38	47000 18.88	38250 17.26	30700 15.56	24200 13.81	18610 12.06	13860 10.33	9850 8.68						
	50	Qo Pe	74300 27.01	68200 26.20	57100 24.46	47400 22.58	38900 20.60	31500 18.56	25100 16.50	19580 14.45	14840 12.45	10810 10.54	7410 8.76						
6WD-25.2	30	Qo Pe				87900 23.50	72500 22.15	59300 20.58	47800 18.83	38000 16.94	29700 14.95	22650 12.89	16740 10.81	11850 8.75					
	40	Qo Pe				74700 27.20	61600 25.18	50200 23.00	40400 20.68	31900 18.28	24700 15.82	18590 13.36	13440 10.92	9130 8.54					
	50	Qo Pe					50500 27.78	41150 25.02	33000 22.18	25950 19.31	19920 16.43	14760 13.59	10390 10.93						
6WG-35.2	30	Qo Pe	136000 25.11	124800 24.84	104500 24.07	86900 23.04	71600 21.77	58400 20.29	47000 28.64	37200 16.83	28800 14.91	21700 12.89	15720 10.81						
	40	Qo Pe	116300 29.81	106600 29.20	89300 27.79	74100 26.14	60900 24.30	49450 22.29	39600 20.14	31100 17.88	23800 15.53	17670 13.13	12480 10.71						
	50	Qo Pe	96600 34.17	88600 33.23	74100 31.19	61400 28.96	50400 26.56	40700 24.04	32400 21.41	25250 18.71	19160 15.96	14000 13.20	9670 10.45						
6WD-30.2	30	Qo Pe				98300 26.77	81200 25.07	66400 23.21	53600 21.20	42700 19.08	33350 16.84	25400 14.54	18760 12.17	13210 9.76					
	40	Qo Pe				84000 30.86	69300 28.50	56600 26.00	45550 23.38	36050 20.68	27900 17.90	21000 15.07	15130 12.21	10210 9.34					
	50	Qo Pe					57600 31.43	46900 28.35	37600 25.18	29550 21.94	22600 18.67	16720 15.37	11710 12.06						
6WG-40.2	30	Qo Pe	156100 30.46	143200 29.91	120000 28.66	99900 27.20	82500 25.57	67400 23.77	54300 21.82	43150 19.75	33600 17.56	25550 15.28	18730 12.93						
	40	Qo Pe	133400 35.49	122400 34.61	102700 32.70	85400 30.62	70300 28.38	57300 26.02	46000 23.54	36300 20.96	28000 18.30	20900 15.57	14940 12.80						
	50	Qo Pe	110800 40.19	101800 38.97	85400 36.42	70900 33.73	58300 30.91	47350 27.99	37800 24.99	29550 21.92	22500 18.79	16450 15.63	11330 12.46						
6WD-40.2	30	Qo Pe				118800 31.46	98100 29.74	80100 27.69	64700 25.37	51400 22.84	40100 20.14	30500 17.34	22400 14.49	15600 11.63					
	40	Qo Pe				100900 36.00	83100 33.43	67600 30.59	54300 27.55	42800 24.36	32950 21.06	24600 17.73	17570 14.40	11680 11.14					
	50	Qo Pe					68300 36.68	55300 33.08	44050 29.33	34300 25.49	26050 21.62	18990 17.76	13060 13.98						
6WG-50.2	30	Qo Pe	184400 36.24	169300 35.76	142200 34.49	118600 32.87	98100 30.95	80400 28.79	65200 26.43	52100 23.94	40900 21.38	31400 18.79	23450 16.23						
	40	Qo Pe	157900 43.13	145000 42.10	121700 39.80	101300 37.22	83600 34.43	68300 31.47	55000 28.40	43600 25.28	33850 22.15	25600 19.09	18620 16.14						
	50	Qo Pe	131000 49.80	120200 48.21	100800 44.85	83800 41.30	68900 37.60	56000 33.83	44800 30.02	35150 26.24	26950 22.53	19960 18.97	14090 15.59						
6WDS-20.2	30	Qo Pe								31900 16.43	27450 15.02	23300 13.64	19440 12.30	15910 11.00	12760 9.76	10020 8.57	7690 7.44	5770 6.40	4230 5.40
	40	Qo Pe								30600 18.53	26350 16.90	22350 15.32	18610 13.79	15230 12.33	12240 10.92	9640 9.57	7420 8.29	5540 7.07	
	50	Qo Pe								29350 20.63	25200 18.79	21350 17.01	17810 15.30	14630 13.65	11800 12.07	9280 10.55			
6WDS-25.2	30	Qo Pe								36200 18.84	31300 17.27	26600 15.71	22250 14.16	18220 12.65	14620 11.19	11480 9.80	8830 8.49	6630 7.29	4870 6.20
	40	Qo Pe								34900 21.27	30100 19.40	25500 17.60	21300 15.85	17420 14.16	14000 12.55	11040 11.00	8500 9.52	6350 8.13	
	50	Qo Pe								33450 23.71	28750 21.58	24350 19.35	20350 17.56	16720 15.67	13490 13.85	10620 12.10			
6WDS-30.2	30	Qo Pe								43400 22.53	37400 20.65	31750 18.78	26500 16.94	21700 15.15	17420 13.42	13690 11.77	10540 10.20	7920 8.74	5800 7.40
	40	Qo Pe								41500 25.20	35700 23.10	30300 21.01	25300 18.96	20700 16.95	16680 15.00	13170 13.14	10150 11.37	7590 9.72	
	50	Qo Pe								39500 28.07	34000 25.69	28850 23.33	24100 21.01	19870 18.75	16060 16.57	12650 14.49			



完美与卓越的追求者
质量与服务的践行者
The pursuer of perfection
and excellence
The practicer of quality
and service

