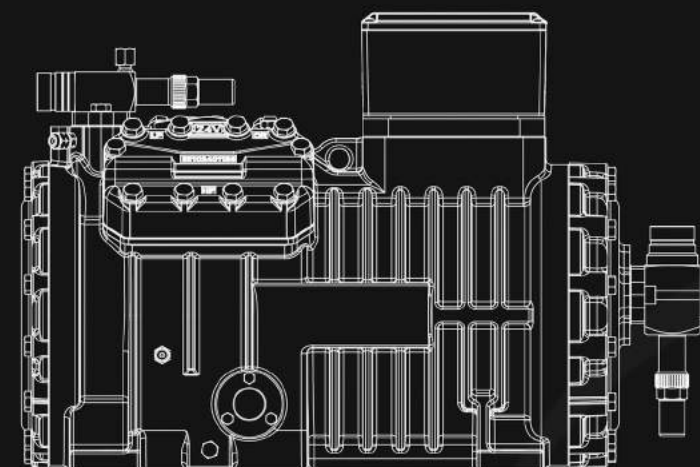




半封闭活塞式
单级制冷剂压缩机
单机双级制冷压缩机

Semi-hermetic Piston
single-stage Refrigeration Compressor
Stand-alone Two-Stage Refrigeration Compressor



生产地址：中国 浙江省
网址：www.miracleref.com
服务热线：0371-65350283

Factory adr: Zhejiang Province, China
Website: www.miracleref.com
Service Hotline: +86 0371-65350283



全国工业产品生产许可证证书编号：XK06-015-01738
National Industrial Product Production License Certificate Number: XK06-015-01738

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2022 年 05 月印制

郑州麦瑞可制冷设备有限公司
MIRACLER REFRIGERATION EQUIPMENT Co., LTD
浙江博莱特制冷设备有限公司
BRILIANT REFRIGERATION EQUIPMENT CO.,LTD

BRILIANT

MIRACLE

BRILIANT

目录 CONTENT

博莱特发展之路 Brilant Developing Road	02
企业简介 Company Profile	04
实力打造制冷设备行业航母之研发篇 Development and Research	06
资质认证 Certification	08
产品型号代码 Product Model Code	09
技术参数表 Technology Parameters Table	10
使用范围 Range of application	12
性能参数表 Performance Parameter	15
⊙ R22	15
⊙ R404A/R507A	19
⊙ R22 (低温双级 Low Temperature Two Stage)	23
⊙ R404A/R507A (低温双级 Low Temperature Two Stage)	25
单级 / 双级压缩机连接口位置图例 Single-stage/two-stage compressor connection port position legend	27

博莱特发展之路 Briliant Developing Road

浙江博莱特

浙江博莱特制冷设备有限公司是专业研发、设计和销售制冷压缩机一体化的大型制冷设备公司。公司现有优秀企业员工 100 余名，其中拥有博士、硕士、科研人员和高、中级工程技术人员 24 名，执证质量工程师 5 名。公司目前具有年产 20 万台的生产能力，已形成 30 余种款式的产品系列规模。作为专业制冷压缩机生产企业，博莱特拥有国际领先的技术水平、完善的质量管理体系，并投入巨资引进压缩机生产线以及电脑检测系统等最新科技生产和检测设备。

Briliant of Zhejiang

Zhejiang Briliant Refrigeration Equipment Co., Ltd. is a large refrigeration equipment company specializing in R&D, design and sales of refrigeration compressors. The company has more than 100 outstanding employees, including doctor, master, scientific research personnel and high, intermediate engineering and technical personnel 24, certification quality engineer 5. At present, the company has an annual production capacity of 200,000 units, and has formed a series of more than 30 kinds of products. As a professional refrigeration compressor production enterprises, Briliant has the international leading technology level, perfect quality management system, and invested heavily in the introduction of compressor production lines and computer testing system and other latest technology production and testing equipment.

金属的凝练和古典唯美融合
在光影之下
真实展现博莱特承载的
东方厚实、古韵与
近乎苛刻的完美品质
我们坚信
您对博莱特的赞赏
往往以博莱特出类拔萃的设计开始
因为博莱特设计师对中国文化独特的感受和理解
创作出具强烈东方视角的形态和
传统文化情韵
舒心宽敞，自由伸展
世纪品质，一脉相承
跳托想象，炫丽绽放
尽情地伸展，一种无拘无束的舒畅感

Condensed metal and classical aesthetic integration
Under the light and shadow
Show the real BRILIANT wheel bearing
Oriental thick, rhyme and
Almost demanding perfect quality
We firmly believe that
Your appreciation of BRILIANT round
Unique experience and understanding of Chinese culture
because the designers of BRILIANT round
Creation issued a strong oriental perspective shape and
Traditional Cultural Flavor
Comfortable and spacious free stretch.
Century, the quality of the same strain
Jump care to imagine the dazzling blossoms are
Enjoy stretching a relaxed, comfortable sense of



体积小、重量轻、振动小、噪音低、高效节能、绿色环保、安全稳定
Small volume, light weight, small vibration, low noise, high efficiency and energy saving,
environmental protection, security and stability



企业简介

Company Profile

浙江博莱特制冷设备有限公司始创于 2013 年，是一家集压缩机设计研发、生产、销售于一体的专业制冷设备有限公司。现有员工一百余人。公司拥有柔性单元全自动生产线、卧式加工中心、超声波清洗机、全自动喷漆流转线、三坐标检测仪、性能测试台等专业生产、检测设备。公司一贯坚持“为实现客户满意而努力”的经营宗旨，产品在国内市场与国际市场深受客户的认可与好评。

公司一直致力于技术的研发、品质的追求、管理的规范和服务的提升，是国家高新技术企业、浙江省科技型中小企业、AAA 级信用企业、中国制冷学会单位会员，拥有绍兴市企业研究开发中心，已取得国家强制性产品认证、制冷空调行业 CRAA 产品认证、全国工业产品生产许可证、ISO9001 质量管理体系认证等多方认证。

我们的宗旨 与客户共享成功！与员工共求发展！与社会共同进步！

OUR AIM : Share success with customers! Seek development with employees! Make progress together with society!

Zhejiang Brilliant Refrigeration equipment Co., Ltd. was founded in 2013, is a set of compressor design and development, production, sales in one of the professional refrigeration equipment co., LTD. It has more than 100 employees. The company has flexible unit automatic production line, horizontal processing center, ultrasonic cleaning machine, automatic painting flow line, three coordinate detector, performance test bench and other professional production and testing equipment. The company has always adhered to the "to achieve customer satisfaction and efforts" business purpose, products in the domestic market and the international market by customers recognized and praised.

The company has been committed to technology research and development, the pursuit of quality, management standards and service improvement, is a national high-tech enterprise, Zhejiang Province science and technology, AAA credit enterprises, China Refrigeration Society unit member, with Shaoxing Enterprise Research and development Center, It has obtained national mandatory product certification, CRAA product certification of refrigeration and air conditioning industry, National industrial product production license, ISO9001 quality management system certification and other certifications.



实力打造制冷设备行业航母之研发篇

Strength To Build The Research And Development Of The Aircraft Carrier Of The Refrigeration Equipment Industry

博莱特专业的生产工艺和出类拔萃的设计品质，是博莱特立足于制冷行业的基石和前提。博莱特坚持科学专业的检测手段，是博莱特对客户最好的品质保证和承诺，博莱特将开启制冷压缩机民族品牌先河，让顾客真正体会到品质的真正内涵。我们依托高质量和技术创新双螺旋，一定会真正“飞翔”！

GB/T10079-2018《活塞式单级制冷剂压缩机》新国标首次提出“加速寿命”的概念，主要针对国内行业普遍在压缩机机体、曲轴等材质上应用不高标准、严要求，出现了一开始使用还可以，经过一段时间，寿命周期内质量普遍严重的下降趋势。新国标规定压缩机寿命周期内噪声和制冷量变化范围分别不超过新机的3dB(A)和5%。

Brilant's professional production and processing technology and outstanding design quality are the cornerstones and premise of Brilant's refrigeration industry. Brilant adheres to the scientific testing method, which is the best quality assurance and commitment of Brilant to customers. Brilant will open the first brand of refrigeration compressors, so that customers can truly understand the true meaning of quality.

GB/T10079-2018 "Piston single-stage refrigerant compressor" new national standard for the first time put forward the concept of "accelerated life", mainly for the domestic industry generally on the compressor body, crankshaft and other materials on the application of low standards, strict requirements, appeared It can be used at the beginning, and after a period of time, the quality of the life cycle is generally severely declining. The new national standard stipulates that the range of noise and cooling capacity in the life cycle of the compressor does not exceed 3dB(A) and 5% of the new machine respectively.

资质认证 Certification

产品型号代码 Product Model Code



Y B F 4 F C - 3.2 Z R

“R”表示矿物油 (R22、R502)
“E”表示酯类油 (R134a、R404A、R407A/B/C)

“R” stands for mineral oil (R22, R502)
“E” stands for lipid oil (R134a, R404A, R407A/B/C)

“Z”表示中低温为 2 型电机, “G”表示中高温机为 1 型电机,
“G₁”表示中高温, 为更高温度的 1 型电机, “DS”表示低温双级
“Z” stands for mid-low temperature 2 type motor. “G” stands for mid-high temperature 1 type motor. “G₁” stands for mid-high, more higher 1 type motor. “DS” stands for low temperature two stage

“3”表示电机名义功率 (hp 马力); “2”表示设计序号

“3” indicates the nominal power of the motor (hp horsepower); “2” indicates the design serial number

“C”表示系列代码

“C” stands series code

表示缸径行程比代码

It indicates the bore stroke ratio code

表示压缩机气缸数

It stands for compressor number of cylinders

表示半封闭活塞压缩机

It stands for semi-hermetic piston compressor

表示公司代号

It stands for company name

※ 上述证书为浙江博莱特制冷设备有限公司的证书, 违者必究。

※ The above certificate is the certificate of Zhejiang Brilliant Refrigeration Equipment Co., Ltd. the offender.

技术参数表
Technical Parameter

压缩机型号 Compressor model	电机名义功率 Nominal motor power HP/kW	排气量 Displacement (50Hz)m ³ /h	缸数 × 直径 × 行程 Number of Cylinder x Diameter x Stroke mm	油注入量 Oil injection 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 (含冷冻油) Weight (including freezing oil) Kg
						最大工作电流 Max. operating current A	启动 / 堵转电流 Starting current / rotor locked current operating current A			
YBF2FC-2.2Z	2/1.5	9.54	2 × φ46 × 33	1.0	△ / Y 直接启动电机 220 ~ 240 △ 380 ~ 420Y /3~50 265 ~ 290 △ 400 ~ 480Y /3~60	8.5/4.9	39/22.5	60	飞溅润滑 Centrifugal lubrication	45
YBF2FC-3.2G	3/2.2	9.54	2 × φ46 × 33	1.0		10.0/5.8	44.2/25.5	60		47
YBF2DC-2.2Z	2/1.5	13.42	2 × φ50 × 39.3	1.5		11.9/6.9	53.7/30.7	100		68
YBF2DC-3.2G	3/2.2	13.42	2 × φ50 × 39.3	1.5		13.5/7.8	64/37	100		71
YBF2CC-3.2Z	3/2.2	16.24	2 × φ55 × 39.3	1.5		14.8/8.5	64/37	100		70
YBF2CC-4.2G	4/3.0	16.24	2 × φ55 × 39.3	1.5		16.4/9.4	76.6/44.2	100		70
YBF4FC-3.2Z	3/2.2	18.05	4 × φ41 × 39.3	2.0		15.9/9.2	76.6/44.2	100		81
YBF4FC-5.2G	5/3.7	18.05	4 × φ41 × 39.3	2.0		18.7/10.8	107.7/62.2	100		85
YBF4EC-4.2Z	4/3.0	22.72	4 × φ46 × 39.3	2.0		18.5/10.7	92.7/53.3	100		82
YBF4EC-6.2G	6/4.4	22.72	4 × φ46 × 39.3	2.0		22.9/13.2	107.7/62.2	100		85
YBF4DC-5.2Z	5/3.7	26.84	4 × φ50 × 39.3	2.0	PW 分绕组启动电机 380 ~ 420YY /3/50 400 ~ 480YY /3/60	23.4/13.5	107.7/62.2	100	油泵润滑 Forced-lubrication	85
YBF4DC-7.2G	7/5.1	26.84	4 × φ50 × 39.3	2.0		27.5/15.9	142.8/82.4	100		88
YBF4CC-6.2Z	6/4.4	32.48	4 × φ55 × 39.3	2.0		27.5/15.9	142.8/82.4	100		89
YBF4CC-9.2G	9/6.6	32.48	4 × φ55 × 39.3	2.0		34.5/20.0	142.8/82.4	100		89
YBF4VCS-6.2Z	6/4.4	34.73	4 × φ55 × 39.3	2.6		14	39/68	120		117
YBF4VCS-10.2G	10/7.5	34.73	4 × φ55 × 42	2.6		21	59/99	120		127
YBF4TCS-8.2Z	8/5.5	41.33	4 × φ60 × 42	2.6		17	49/81	120		122
YBF4TCS-12.2G	12/8.8	41.33	4 × φ60 × 42	2.6		24	69/113	120		129
YBF4PCS-10.2Z	10/7.5	48.05	4 × φ65 × 42	2.6		21	59/99	120		127
YBF4PCS-15.2G	15/10.5	48.05	4 × φ65 × 42	2.6		31	81/132	120		135
YBF4NCS-12.2Z	12/8.8	56.25	4 × φ70 × 42	2.6		24	69/113	120		129
YBF4NCS-20.2G	20/15	56.25	4 × φ70 × 42	2.6		37	97/158	120		138
YBF4H-15.2Z	15/10.5	73.60	4 × φ70 × 55	4.5	380 ~ 420YY /3/50 400 ~ 480YY /3/60	31	81/132	120	油泵润滑 Forced-lubrication	183
YBF4H-25.2G	25/18.5	73.60	4 × φ70 × 55	4.5		45	116/193	120		194
YBF4G-20.2Z	20/15	84.50	4 × φ75 × 55	4.5		37	97/158	120		192
YBF4G-30.2G	30/22	84.50	4 × φ75 × 55	4.5		53	135/220	120		206
YBF6H-25.2Z	25/18.5	110.50	6 × φ70 × 55	4.75		45	116/193	120		224
YBF6H-35.2G	35/25.5	110.50	6 × φ70 × 55	4.75		61	147/262	120		235
YBF6G-30.2Z	30/22	126.80	6 × φ75 × 55	4.75		53	135/220	120		228
YBF6G-40.2G	40/30	126.80	6 × φ75 × 55	4.75		78	180/323	120		238
YBF6F-40.2Z	40/30	151.6	6 × φ82 × 55	4.75		78	180/323	120		238
YBF6F-50.2G	50/37	151.6	6 × φ82 × 55	4.75		92	226/404	120		241

低温双级技术参数表

Low Temperature Two Stage Technical Parameter

压缩机型号 Compressor type	电机名义功率 Nominal motor power HP/kW	缸数 × 缸径 × 行程 (mm) Number of Cylinder x Diameter x Stroke	排气量 (m ³ /h) Displacement		油注入量 (L) Oil injection volume	电 源 Power supply V/ph/Hz	电气参数 Electrical parameter		曲轴箱加热器 Crankcase Heater (220V W)	供油方式 Oil supply method	质量 (含冷冻油) Weight (including freezing oil) (kg)
			低压 Low pressure	高压 Hight pressure			最大工作电流 (A) Max. operating current	启动 / 堵转电流 (A) Starting current/ rotor locked current			
YBF4T-5.2DS	5/3.7	4 × φ55/46 × 39.3	19.7	12.6	3	PW 分绕组启动电机 380~420YY /3~50 440~480YY /3~60	14	39/68	120	飞溅润滑 Centrifugal lubrication	136
YBF4N-8.2DS	8/5.5	4 × φ70/55 × 42.0	28.0	17.9	3		17	49/81	140		141
YBF4G-12.2DS	12/8.8	4 × φ75/60 × 55.0	42.3	27.0	4.5		24	69/113	140	油泵润滑 Forced-lubrication	180
YBF6J-16.2DS	16/11.7	6 × φ65/65 × 55.0	63.5	31.8	4.75		31	81/132	140		209
YBF6H-20.2DS	20/15	6 × φ70/70 × 55.0	73.6	36.9	4.75		37	97/158	140		220
YBF6G-25.2DS	25/15	6 × φ75/75 × 55.0	84.5	42.3	4.75		45	116/193	140		233
YBF6F-30.2DS	30/22	6 × φ82/82 × 55.0	101.1	50.5	4.75		53	135/220	140		234

带液体再冷器的双级系统请见第 14 页
Liquid cooler with two-stage system, please check page 14.

应用范围说明

Application Limits Instruction

任何类型的压缩机都有其运行界限。使用压缩机时必须严格保证压缩机运行在厂家规定的运行界限范围内，否则，压缩机在恶劣条件下长期运行将导致压缩机损毁。单、双级压缩机运行界限的限制，为达到更低的蒸发温度或更高的冷凝温度，则需采取必要的技术措施，以扩大压缩机的运行界限。

压缩机只允许在图中所示运行界限以内运行，请注意带颜色的区域。设计工况不能在使用限值附近，压缩机也不能持续运行在限值附近，以防高温碳化（排气温度要控制在 140℃ 以下，电机温度要控制在 110℃ 以下）、电机过载、电机冷却不足、润滑不良、效率衰减、振动、噪音、变形咬合等。

使用变频器会出现对压缩机运行界限的其它限制。进一步说明咨询厂家。

在液体再冷或吸气温度变化的情况下，性能数据与本样本的数据会有显著差别。

本样本的数据适用于 50Hz 下运行，对于在 60Hz 下运行，可以根据本样本上提供的数据乘以系数 1.2。最大工作电流不变。

Any type of compressor has its running limit. When using the compressor, it is necessary to ensure that the compressor runs within the operating limit specified by the manufacturer. Otherwise, the compressor will be damaged in the long run due to bad conditions. In order to achieve lower evaporator temperature or higher condensation temperature, it is necessary to take technical measures to expand the operating limit of single&two compressor.

The compressor is only allowed to run within the operating limit shown in the diagram. Please note the area with color. The design condition cannot be near the limit value, and the compressor cannot continue to operate near the limit value. in case of carbonization for high temperature (Exhaust gas temperature should be controlled below 140 ℃ , motor temperature should be controlled below 110 ℃), motor over load, poor cooling of motor, poor lubrication , the reduction of efficiency ,vibration, noise,deformation of the bite and so on.

The use of a frequency converter will show other restrictions on the compressor's operating boundaries. Further instruction of the manufacturer.

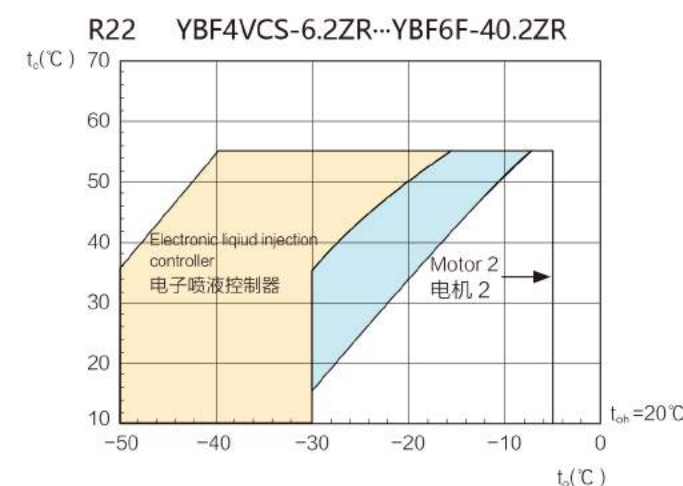
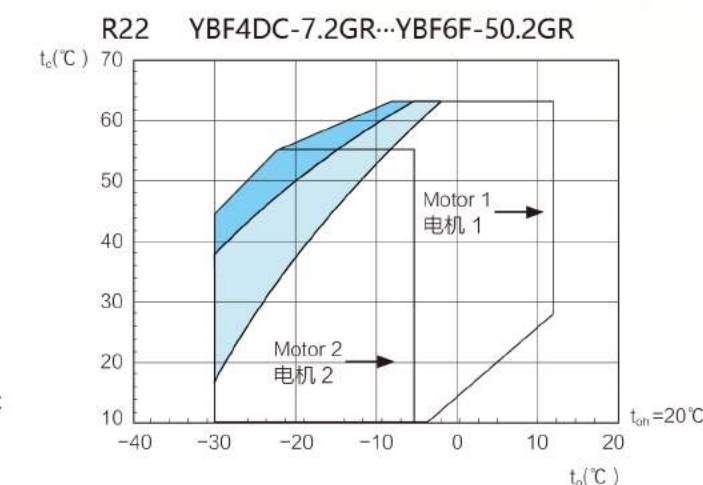
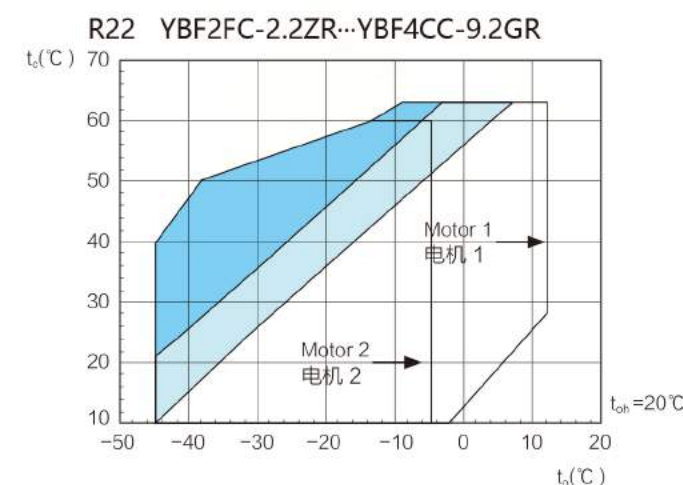
There is a significant difference between the performance data and the data of this sample in the case of liquid recooling or inhalation temperature.this sample data is suitable for running under 50Hz. For running under 60Hz, the data provided in this sample can be multiplied by coefficient 1.2. The maximum working current is the same.

应用范围图示

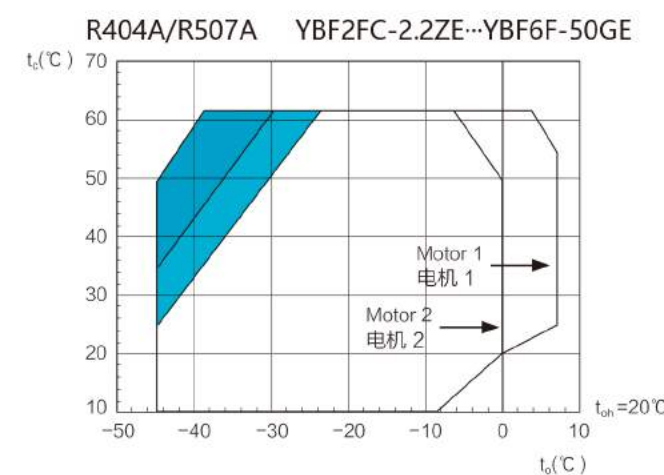
对应 20℃ 吸气温度

Application limits Diagram

relating to 20℃ suction gas temperature



- t_o 蒸发温度
Evaporating temperature(℃)
- t_{oh} 吸气温度
Suction gas temperature(℃)
- Δt_{oh} 吸气过热度
Suction gas superheat(℃)
- t_c 冷凝温度
Condensing temperature(℃)
- 需要缸头风扇冷却
Additional fan cooling
- 需要缸头风扇或吸气过热度 $\leq 17K$
Additional fan cooling or Suction gas superheat temp. $\leq 17K$
- 需要电子喷液控制器
Electronic hydrojet controller

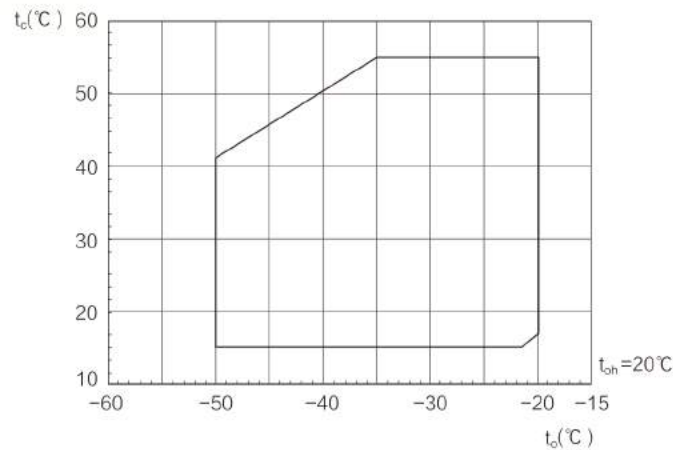


- t_o 蒸发温度
Evaporating temperature(℃)
- t_{oh} 吸气温度
Suction gas temperature(℃)
- Δt_{oh} 吸气过热度
Suction gas superheat(℃)
- t_c 冷凝温度
Condensing temperature(℃)
- 需要缸头风扇或吸气温度 $< 0^\circ C$
Additional fan cooling or suction temperature $< 0^\circ C$
- 需要缸头风扇或吸气过热度 $\leq 17K$
Additional fan cooling or Suction gas superheat temp. $\leq 17K$

低温双级应用范围图示
对应 20℃ 吸气温度

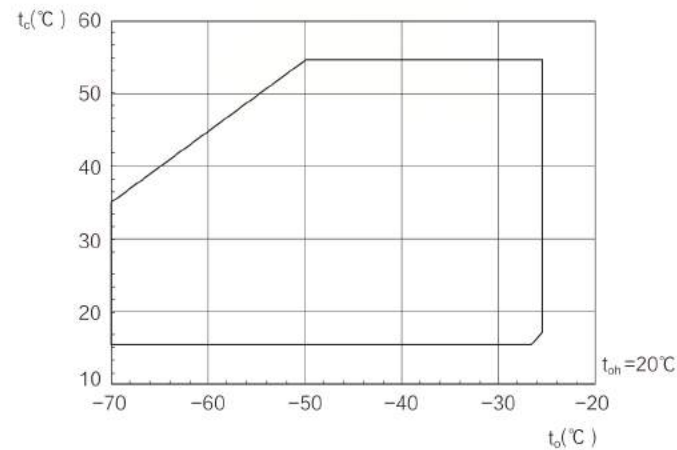
Low Temperature Two Stage Application limits Diagram
relating to 20℃ suction gas temperature

R22



t_o 蒸发温度
 t_{oh} 吸气温度
 t_c 冷凝温度

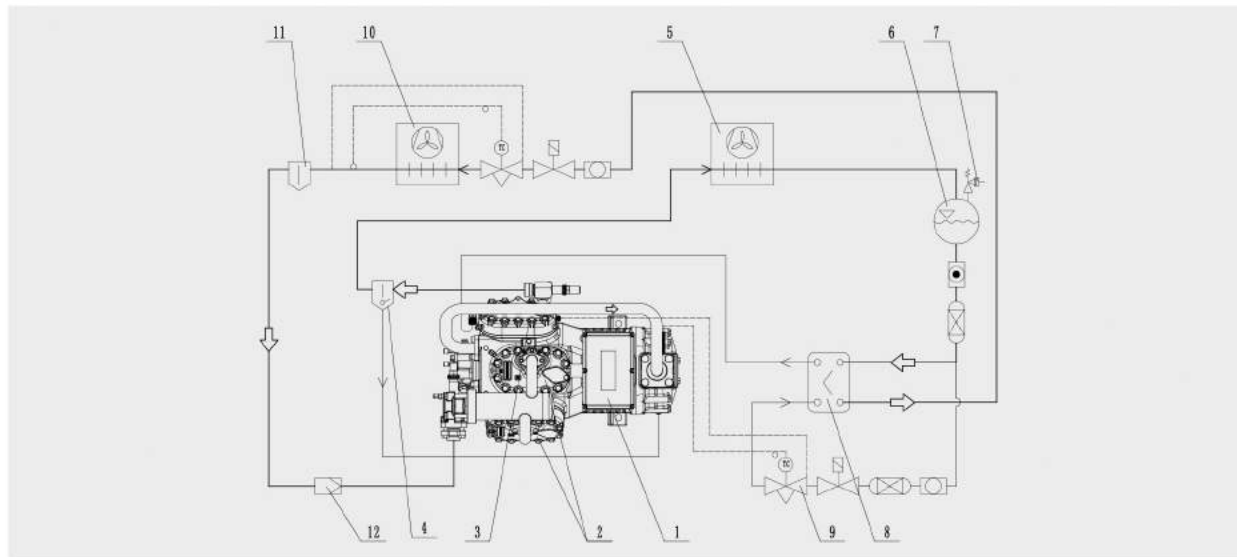
R404A/R507A



t_o Evaporating temperature(°C)
 t_{oh} Suction gas temperature(°C)
 t_c Condensing temperature(°C)

带液体再冷器的双级系统
中间冷却采用热力膨胀阀

Two-stage system with liquid subcooler
Interstage cooling by mechanical TX valve



1 压缩机 2 低压缸 3 高压缸 4 油分离器 5 冷凝器 6 贮液器 7 安全阀 8 液体再冷器 9 膨胀阀 10 蒸发器
11 气液分离器 12 吸气过滤器

1 Compressor 2 Low pressure cylinder heads 3 High pressure cylinder heads 4 Oil separator 5 Condenser 6 Liquid receiver
7 Safety valve 8 Liquid subcooler 9 Expansion valve 10 Evaporator 11 Gas liquid separator 12 Suction gas filter

性能参数表

Performance Parameter

频率 50Hz
吸气温度 20℃
液体无再冷

Frequency 50 Hz
relating to 20℃ suction gas
temperature, without liquid subcooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (°C)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量					Power consumption 输入功率							
			Qo (kW)					Pe (kW)							
			Evaporating temperature (°C)					蒸发温度 (°C)							
			12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40
YBF2FC-2.2ZR	30	Qo Pe						6.36 1.64	5.20 1.59	4.20 1.51	3.64 1.45	2.88 1.33	2.24 1.19	1.70 1.04	1.25 0.88
	40	Qo Pe						5.58 1.98	4.54 1.87	3.64 1.73	3.17 1.62	2.47 1.44	1.88 1.24	1.39 1.05	0.985 0.85
	50	Qo Pe						4.83 2.27	3.90 2.10	3.10 1.89	2.70 1.73	2.06 1.49	1.53 1.27	1.09 1.06	
YBF2FC-3.2GR	30	Qo Pe	11.99 1.68	11.01 1.69	10.10 1.70	9.24 1.71	7.70 1.69	6.37 1.66	5.21 1.61	4.21 1.53	3.34 1.43	2.61 1.31	1.98 1.16		
	40	Qo Pe	10.62 2.21	9.75 2.20	8.93 2.18	8.17 2.15	6.79 2.09	5.59 2.00	4.54 1.89	3.64 1.76	2.87 1.60	2.20 1.42	1.64 1.22		
	50	Qo Pe	9.29 2.73	8.51 2.69	7.79 2.64	7.11 2.59	5.89 2.46	4.82 2.31	3.89 2.14	3.09 1.95	2.40 1.73	1.82 1.49			
YBF2DC-2.2ZR	30	Qo Pe						9.11 2.42	7.43 2.29	5.98 2.14	5.15 2.02	4.03 1.82	3.10 1.62	2.33 1.43	1.70 1.24
	40	Qo Pe						7.97 2.77	6.43 2.57	5.11 2.35	4.37 2.22	3.37 1.97	2.55 1.73	1.87 1.49	1.30 1.26
	50	Qo Pe						6.79 3.08	5.40 2.80	4.20 2.53	3.52 2.40	2.66 2.09	1.96 1.80	1.39 1.54	
YBF2DC-3.2GR	30	Qo Pe	17.28 2.01	15.86 2.14	14.53 2.24	13.29 2.31	11.06 2.36	9.12 2.33	7.44 2.24	5.99 2.09	4.74 1.92	3.67 1.74	2.77 1.58		
	40	Qo Pe	15.40 2.89	14.11 2.92	12.91 2.93	11.78 2.92	9.75 2.84	7.98 2.69	6.45 2.50	5.12 2.28	3.97 2.06	3.00 1.86	2.16 1.70		
	50	Qo Pe	13.49 3.64	12.32 3.59	11.23 3.52	10.22 3.44	8.38 3.23	6.78 2.98	5.39 2.72	4.19 2.45	3.16 2.20	2.27 2.00			
YBF2CC-3.2ZR	30	Qo Pe						11.35 2.85	9.29 2.74	7.50 2.56	6.39 2.40	5.04 2.15	3.89 1.91	2.94 1.70	2.16 1.49
	40	Qo Pe						9.88 3.32	8.01 3.07	6.38 2.79	5.40 2.56	4.16 2.27	3.14 2.00	2.29 1.74	1.60 1.47
	50	Qo Pe						8.37 3.73	6.68 3.39	5.23 3.04	4.45 2.79	3.34 2.46	2.43 2.19	1.68 1.90	
YBF2CC-4.2GR	30	Qo Pe	21.40 2.48	19.65 2.63	18.02 2.74	16.49 2.83	13.75 2.91	11.36 2.88	9.29 2.78	7.51 2.61	5.97 2.40	4.66 2.17	3.55 1.93		
	40	Qo Pe	18.96 3.67	17.38 3.69	15.91 3.68	14.54 3.64	12.05 3.51	9.89 3.31	8.02 3.06	6.39 2.79	5.00 2.51	3.80 2.24	2.78 2.01		
	50	Qo Pe	16.49 4.61	15.08 4.51	13.76 4.40	12.52 4.27	10.29 3.99	8.35 3.67	6.67 3.33	5.21 3.01	3.96 2.72	2.88 2.47			
YBF4FC-3.2ZR	30	Qo Pe						12.76 3.25	10.38 3.07	8.31 2.86	7.07 2.68	5.54 2.43	4.26 2.17	3.19 1.93	2.30 1.71
	40	Qo Pe						11.22 3.78	9.03 3.48	7.14 3.16	6.01 2.96	4.65 2.62	3.51 2.28	2.56 1.97	1.79 1.70
	50	Qo Pe						9.65 4.22	7.67 3.82	5.95 3.42	4.96 3.25	3.77 2.88	2.77 2.52	1.94 2.13	
YBF4FC-5.2GR	30	Qo Pe	24.40 2.84	22.35 2.97	20.50 3.06	18.72 3.13	15.54 3.17	12.78 3.12	10.39 2.99	8.32 2.80	6.55 2.57	5.03 2.32	3.74 2.07		
	40	Qo Pe	21.80 4.00	19.96 4.02	18.25 4.02	16.65 3.99	13.75 3.86	11.23 3.66	9.04 3.40	7.15 3.11	5.53 2.80	4.13 2.49	2.95 2.21		
	50	Qo Pe	19.18 5.00	17.53 4.93	15.98 4.84	14.53 4.72	11.92 4.45	9.64 4.12	7.66 3.76	5.95 3.39	4.48 3.02	3.22 2.67			
YBF4EC-4.2ZR	30	Qo Pe						15.78 3.97	12.86 3.78	10.35 3.54	8.82 3.31	6.93 3.07	5.34 2.76	4.01 2.41	2.91 2.09
	40	Qo Pe						13.84 4.60	11.18 4.28	8.88 3.92	7.55 3.66	5.86 3.32	4.44 2.94	3.27 2.55	2.30 2.17
	50	Qo Pe						11.86 5.11	9.45 4.68	7.36 4.24	6.16 4.01	4.69 3.57	3.45 3.04	2.42 2.49	

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量 Qo (kW)					Power consumption 输入功率 Pe (kW)							
			Evaporating temperature (℃)					蒸发温度 (℃)							
			12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40
YBF4EC-6.2GR	30	Qo Pe	29.95 3.43	27.50 3.64	25.20 3.79	23.05 3.90	19.16 3.98	15.80 3.91	12.88 3.73	10.36 3.47	8.20 3.17	6.35 2.86	4.78 2.58		
	40	Qo Pe	26.75 4.97	24.50 5.03	22.40 5.03	20.45 5.00	16.93 4.83	13.86 4.56	11.19 4.22	8.89 3.84	6.91 3.46	5.21 3.12	3.77 2.84		
	50	Qo Pe	23.45 6.31	21.45 6.22	19.57 6.09	17.81 5.94	14.63 5.56	11.85 5.12	9.44 4.65	7.35 4.19	5.56 3.77	4.02 3.43			
YBF4DC-5.2ZR	30	Qo Pe						19.14 4.77	15.60 4.51	12.54 4.21	10.30 3.93	8.11 3.62	6.26 3.27	4.69 2.91	3.38 2.55
	40	Qo Pe						16.83 5.56	13.59 5.14	10.80 4.70	8.83 4.35	6.88 3.92	5.22 3.49	3.82 3.05	2.65 2.62
	50	Qo Pe						14.48 6.23	11.55 5.66	9.02 5.09	7.28 4.67	5.57 4.23	4.12 3.82	2.92 3.39	
YBF4DC-7.2GR	30	Qo Pe	36.40 4.21	33.40 4.37	30.60 4.49	28.00 4.57	23.25 4.63	19.16 4.56	15.61 4.40	12.54 4.15	9.91 3.85	7.67 3.51	5.76 3.15		
	40	Qo Pe	32.50 5.83	29.75 5.86	27.20 5.86	24.85 5.82	20.55 5.66	16.83 5.40	13.60 5.06	10.80 4.67	8.40 4.24	6.34 3.80	4.59 3.36		
	50	Qo Pe	28.50 7.28	26.10 7.19	23.80 7.07	21.70 6.93	17.83 6.57	14.48 6.14	11.56 5.65	9.03 5.13	6.85 4.61	4.97 4.09			
YBF4CC-6.2ZR	30	Qo Pe						22.95 5.76	18.74 5.48	15.12 5.16	12.00 4.80	9.34 4.39	7.07 3.91		
	40	Qo Pe						20.25 6.62	16.41 6.18	13.09 5.72	10.23 5.22	7.78 4.68	5.70 4.09		
	50	Qo Pe						17.51 7.50	14.01 6.91	10.99 6.30	8.39 5.67	6.16 5.00			
YBF4CC-9.2GR	30	Qo Pe	43.30 5.5	39.75 5.69	36.45 5.82	33.35 5.90	27.80 5.92	22.95 5.78	18.75 5.53	15.12 5.18	12.00 4.77	9.33 4.34	7.06 3.93		
	40	Qo Pe	38.90 7.45	35.65 7.42	32.60 7.36	29.80 7.26	24.70 7.00	20.25 6.64	16.42 6.21	13.10 5.72	10.24 5.2	7.79 4.66	5.71 4.13		
	50	Qo Pe	34.25 9.27	31.35 9.05	28.65 8.82	26.10 8.57	21.50 8.06	17.50 7.50	14.01 6.92	10.99 6.3	8.38 5.66	6.15 4.99			
YBF4VCS-6.2ZR	30	Qo Pe						25.15 5.96	20.60 5.63	16.71 5.24	13.35 4.79	10.48 4.29	8.01 3.78	5.94 3.23	4.21 2.67
	40	Qo Pe						22.20 6.89	18.14 6.38	14.62 5.83	11.60 5.24	9.01 4.63	6.73 4.06	4.85 3.4	3.28 2.69
	50	Qo Pe						19.21 7.74	15.61 7.06	12.49 6.34	9.66 5.63	7.32 4.9	5.34 4.13	3.67 3.33	2.28 2.49
YBF4VCS-10.2GR	30	Qo Pe	47.70 5.73	43.80 5.84	40.15 5.91	36.75 5.94	30.60 5.92	25.25 5.77	20.65 5.52	16.63 5.16	13.17 4.73	10.22 4.21	7.70 3.64		
	40	Qo Pe	42.25 7.41	38.75 7.38	35.50 7.32	32.50 7.23	27.00 6.97	22.25 6.61	18.11 6.17	14.53 5.66	11.44 5.1	8.80 4.48	6.54 3.84		
	50	Qo Pe	36.90 8.99	33.80 8.83	30.95 8.65	28.25 8.44	23.40 7.97	19.20 7.43	15.54 6.82	12.38 6.16	9.66 5.46	7.34 4.73			
YBF4TCS-8.2ZR	30	Qo Pe						30.70 7.30	25.20 6.91	20.45 6.44	16.37 5.89	12.88 5.29	9.83 4.66	7.32 4.01	5.22 3.35
	40	Qo Pe						27.10 8.39	22.15 7.77	17.84 7.11	14.15 6.42	11.00 5.70	8.20 5.06	5.92 4.31	4.01 3.51
	50	Qo Pe						23.45 9.40	19.05 8.58	15.25 7.73	11.88 6.90	9.05 6.09	6.64 5.25	4.61 4.37	2.91 3.43
YBF4TCS-12.2GR	30	Qo Pe	57.10 6.90	52.40 7.04	48.10 7.13	44.00 7.18	36.70 7.17	30.35 7.00	24.80 6.70	20.05 6.28	15.93 5.76	12.41 5.15	9.41 4.46		
	40	Qo Pe	50.80 9.07	46.65 9.03	42.75 8.95	39.10 8.84	32.55 8.52	26.80 8.09	21.85 7.56	17.55 6.95	13.85 6.27	10.68 5.55	7.98 4.79		
	50	Qo Pe	44.40 11.07	40.70 10.87	37.25 10.64	34.05 10.38	28.20 9.80	23.15 9.13	18.77 8.39	14.98 7.59	11.73 6.74	8.95 5.86			

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量					Power consumption 输入功率										Pe (kW)			
			Evaporating temperature (℃)					蒸发温度 (℃)													
			12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40						
YBF4PCS-10.2ZR	30	Qo Pe						35.65 8.44	29.25 8.03	23.70 7.49	18.94 6.86	14.86 6.14	11.33 5.46	8.39 4.70	5.92 3.96						
	40	Qo Pe						31.45 9.74	25.70 9.03	20.70 8.25	16.36 7.42	12.71 6.56	9.50 5.68	6.85 4.83	4.63 4.02						
	50	Qo Pe						27.30 10.92	22.15 9.94	17.70 8.93	13.80 7.95	10.51 6.91	7.70 5.89	5.33 4.93	3.35 4.04						
YBF4PCS-15.2GR	30	Qo Pe	68.40 8.33	62.80 8.45	57.60 8.52	52.70 8.54	43.80 8.45	36.15 8.2	29.50 7.81	23.75 7.28	18.81 6.65	14.59 5.93	11.00 5.14								
	40	Qo Pe	60.90 10.65	55.90 10.57	51.20 10.45	46.80 10.29	38.85 9.88	31.95 9.35	26.00 8.72	20.80 8.00	16.36 7.21	12.55 6.36	9.32 5.49								
	50	Qo Pe	53.30 12.86	48.90 12.58	44.70 12.27	40.80 11.94	33.80 11.23	27.70 10.45	22.40 9.6	17.86 8.7	13.94 7.74	10.61 6.73									
YBF4NCS-12.2ZR	30	Qo Pe						41.15 10.01	33.75 9.46	27.40 8.79	21.90 8.02	17.21 7.16	12.99 6.29	9.60 5.41	6.76 4.55						
	40	Qo Pe						36.65 11.46	29.95 10.60	24.15 9.66	19.17 8.66	14.91 7.64	11.04 6.66	7.96 5.67	5.40 4.75						
	50	Qo Pe						32.05 12.77	26.05 11.63	20.85 10.43	16.15 9.27	12.28 8.09	8.98 6.94	6.20 5.84	3.88 4.81						
YBF4NCS-20.2GR	30	Qo Pe	79.10 10.60	72.60 10.62	66.60 10.59	61.00 10.53	50.80 10.29	41.90 9.92	34.25 9.41	27.60 8.77	21.90 8.02	16.98 7.15	12.81 6.18								
	40	Qo Pe	70.60 13.15	64.80 13.02	59.30 12.85	54.20 12.63	45.00 12.06	37.00 11.34	30.10 10.51	24.10 9.58	19.92 8.59	14.50 7.54	10.75 6.48								
	50	Qo Pe	61.90 15.74	56.70 15.40	51.90 15.01	47.40 14.59	39.25 13.65	32.15 12.60	26.00 11.46	20.65 10.26	16.05 9.02	12.13 7.78									
YBF4H-15.2ZR	30	Qo Pe						52.30 12.73	42.70 11.93	34.45 11.01	27.35 9.98	21.30 8.82	16.40 8.25	12.00 7.13	8.31 5.98						
	40	Qo Pe						46.85 14.91	38.10 13.81	30.50 12.56	24.05 11.19	18.50 9.76	13.84 8.67	9.80 7.30	6.44 5.90						
	50	Qo Pe						41.70 17.11	33.70 15.67	26.80 14.13	20.90 12.47	15.80 10.85	11.50 9.21	7.92 7.53	4.97 5.79						
YBF4H-25.2GR	30	Qo Pe	99.30 13.89	91.20 13.74	83.60 13.56	76.50 13.34	63.70 12.84	52.60 12.22	42.95 11.48	34.65 10.63	27.50 9.67	21.40 8.59	16.26 7.41								
	40	Qo Pe	89.70 16.75	82.30 16.47	75.40 16.16	68.90 15.82	57.30 15.05	47.15 14.17	38.35 13.18	30.80 12.07	24.25 10.85	18.67 9.52	13.94 8.08								
	50	Qo Pe	80.50 19.56	73.80 19.16	67.60 18.74	61.70 18.27	51.10 17.25	41.95 16.10	33.95 14.83	27.05 13.44	21.10 11.94	16.06 10.33									
YBF4G-20.2ZR	30	Qo Pe						60.00 14.64	48.95 13.67	39.50 12.63	31.40 11.51	24.50 10.29	18.94 9.65	13.92 8.40	9.67 7.10						
	40	Qo Pe						53.70 17.39	43.70 16.04	35.10 14.60	27.75 13.07	21.50 11.42	16.08 10.35	11.43 8.75	7.53 7.14						
	50	Qo Pe						47.80 20.10	38.75 18.40	30.95 16.65	24.20 14.89	18.35 13.14	13.39 11.23	9.23 9.19	5.79 7.06						
YBF4G-30.2GR	30	Qo Pe	114.20 16.42	104.80 16.23	96.00 16.01	87.80 15.74	73.10 15.11	60.40 14.33	49.30 13.44	39.80 12.45	31.65 11.36	24.70 10.21	18.84 9.00								
	40	Qo Pe	103.00 19.78	94.50 19.46	86.50 19.09	79.10 18.68	65.70 17.74	54.00 16.67	44.00 15.49	35.35 14.20	27.95 12.83	21.65 11.4	16.33 9.92								
	50	Qo Pe	92.30 23.40	84.60 22.9	77.40 22.3	70.70 21.7	58.60 20.4	48.10 19.04	39.00 17.57	31.20 16.05	24.50 14.49	18.81 13.91									
YBF6H-25.2ZR	30	Qo Pe						78.50 19.10	64.10 17.89	51.70 16.51	41.05 14.96	31.95 13.23	24.60 12.34	18.01 10.70	12.46 8.99						
	40	Qo Pe						70.30 22.40	57.20 20.70	45.85 18.84	36.10 16.79	27.75 14.63	20.75 13.01	14.71 10.96	9.66 8.86						
	50	Qo Pe						62.60 25.60	50.60 23.50	40.25 21.20	31.35 18.68	23.70 16.28	17.24 13.81	11.87 11.27	7.44 8.66						

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量 Qo (kW)					Power consumption 输入功率 Pe (kW)									
			Evaporating temperature (℃)					蒸发温度 (℃)									
			12.5	10	7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40		
YBF6H-35.2GR	30	Qo Pe	149.10 20.90	136.90 20.60	125.50 20.40	114.80 20.00	95.60 19.27	79.00 18.34	64.50 17.24	52.00 15.96	41.30 14.52	32.20 12.90	24.40 11.12				
	40	Qo Pe	134.60 25.20	123.50 24.70	113.20 24.30	103.50 23.70	86.00 22.60	70.80 21.3	57.60 19.78	46.20 18.12	36.340 16.29	28.05 14.30	20.90 12.14				
	50	Qo Pe	120.90 29.40	110.80 28.80	101.40 28.10	92.70 27.40	76.80 25.90	63.00 24.20	51.00 22.30	40.60 20.20	31.70 17.92	24.05					
YBF6G-30.2ZR	30	Qo Pe						90.00 22.00	73.50 20.50	59.30 18.96	47.10 17.27	36.75 15.43	28.40 14.48	20.85 12.59	14.48 10.65		
	40	Qo Pe						80.60 26.10	65.60 24.10	52.70 21.90	41.60 19.61	32.20 17.14	24.10 15.50	17.13 13.10	11.28 10.68		
	50	Qo Pe						71.70 30.10	58.20 27.60	46.50 25.00	36.30 22.31	27.50 19.71	20.05 16.85	13.84 13.79	8.67 10.58		
YBF6G-40.2GR	30	Qo Pe	171.30 24.60	157.20 24.40	144.10 24.00	131.80 23.60	109.70 22.70	90.60 21.50	74.00 20.20	57.70 18.68	47.50 17.05	37.10 15.32	28.30 13.51				
	40	Qo Pe	154.60 29.70	141.80 29.20	129.80 28.60	118.60 28.00	98.50 26.60	81.10 25.00	66.00 23.20	53.00 21.30	41.90 19.26	32.45 17.11	24.50 14.89				
	50	Qo Pe	138.50 35.20	127.00 34.40	116.20 33.50	106.10 32.60	88.00 30.70	72.20 28.60	58.50 26.40	46.80 24.10	36.75 21.70	28.20 19.38					
YBF6F-40.2ZR	30	Qo Pe						106.10 27.40	86.80 25.50	70.10 23.50	55.90 21.20	43.80 18.92	34.00 17.07	25.10 14.95	17.60 12.96		
	40	Qo Pe						95.30 31.90	77.70 29.50	62.60 27.00	49.65 24.30	38.70 21.40	29.15 18.61	20.90 15.80	13.96 13.06		
	50	Qo Pe						85.10 36.40	69.20 33.50	55.60 30.40	43.60 27.04	33.25 23.71	24.45 20.21	17.06 16.60	10.89 12.94		
YBF6F-50.2GR	30	Qo Pe	201.40 31.90	184.80 31.40	169.40 30.80	155.00 30.20	129.10 28.70	106.70 27.10	87.30 25.30	70.60 23.30	56.30 21.20	44.15 18.97	33.90 16.66				
	40	Qo Pe	181.70 37.60	166.70 36.90	152.80 36.10	139.80 35.20	116.30 33.30	95.90 31.30	78.30 29.00	63.10 26.60	50.10 24.00	39.05 21.30	29.70 18.44				
	50	Qo Pe	163.20 43.00	149.70 42.10	137.10 41.10	125.30 40.10	104.10 37.90	85.70 35.50	69.370 32.80	56.00 29.90	44.25 26.80	34.25 23.50					

运行注意事项请见第 13 页应用范围的技术措施

Note for the operation issues,please check the technical measures of application range on Page 13.

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R404A/R507A

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量 Qo (kW)					Power consumption 输入功率 Pe (kW)									
			Evaporating temperature (℃)					蒸发温度 (℃)									
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45			
YBF2FC-2.2ZE	30	Qo Pe				7.14 1.98	5.89 1.91	4.81 1.80	3.88 1.67	3.08 1.51	2.40 1.35	1.82 1.17	1.33 0.98	0.915 0.80			
	40	Qo Pe				5.95 2.27	4.90 2.13	3.98 1.97	3.19 1.79	2.50 1.60	1.92 1.39	1.42 1.18	1.00 0.97	0.65 0.77			
	50	Qo Pe				4.81 2.55	3.94 2.36	3.18 2.15	2.52 1.92	1.95 1.68	1.47 1.44	1.05 1.20	0.705 0.97				
YBF2FC-3.2GE	30	Qo Pe	11.18 2.03	10.26 2.03	8.60 2.00	7.15 1.95	5.90 1.86	4.82 1.76	3.88 1.63	3.08 1.49	2.4 1.34	1.82 1.17	1.33 1.00				
	40	Qo Pe	9.45 2.50	8.67 2.46	7.25 2.37	6.02 2.25	4.95 2.11	4.01 1.94	3.21 1.77	2.52 1.58	1.93 1.38	1.42 1.17	1.00 0.96				
	50	Qo Pe	7.73 2.95	7.08 2.88	5.92 2.72	4.89 2.53	4.00 2.33	3.22 2.11	2.54 1.88	1.96 1.64	1.47 1.40	1.05 1.15	0.69 0.91				
YBF2DC-2.2ZE	30	Qo Pe				10.11 2.72	8.34 2.59	6.81 2.43	5.49 2.25	4.36 2.05	3.39 1.83	2.57 1.59	1.88 1.35	1.30 1.09			
	40	Qo Pe				8.49 3.15	6.98 2.94	5.67 2.70	4.53 2.44	3.56 2.17	2.72 1.88	2.02 1.58	1.42 1.28	0.92 0.98			
	50	Qo Pe				6.90 3.55	5.64 3.25	4.55 2.93	3.60 2.59	2.78 2.25	2.08 1.90	1.49 1.54	0.99 1.19				
YBF2DC-3.2GE	30	Qo Pe	15.94 2.79	14.63 2.80	12.26 2.77	10.20 2.71	8.42 2.60	6.87 2.45	5.54 2.28	4.40 2.08	3.42 1.86	2.59 1.62	1.89 1.37				
	40	Qo Pe	13.51 3.49	12.39 3.44	10.38 3.32	8.61 3.16	7.08 2.96	5.75 2.74	4.60 2.49	3.61 2.21	2.76 1.92	2.04 1.62	1.43 1.31				
	50	Qo Pe	11.11 4.11	10.18 4.02	8.50 3.80	7.03 3.55	5.74 3.27	4.63 2.96	3.66 2.63	2.82 2.29	2.11 1.93	1.51 1.57	1.00 1.20				
YBF2CC-3.2ZE	30	Qo Pe				12.47 3.33	10.29 3.15	8.40 2.95	6.78 2.72	5.38 2.48	4.19 2.21	3.18 1.93	2.33 1.64	1.63 1.35			
	40	Qo Pe				10.51 3.85	8.65 3.58	7.04 3.29	5.64 2.98	4.44 2.65	3.42 2.32	2.55 1.97	1.81 1.62	1.20 1.27			
	50	Qo Pe				8.59 4.35	7.05 3.98	5.71 3.60	4.55 3.21	3.54 2.80	2.69 2.39	1.95 1.98	1.34 1.57				
YBF2CC-4.2GE	30	Qo Pe	19.44 3.48	17.84 3.48	14.96 3.42	12.45 3.32	10.28 3.17	8.4 2.98	6.77 2.76	5.38 2.50	4.19 2.23	3.17 1.94	2.32 1.64				
	40	Qo Pe	16.47 4.31	15.11 4.25	12.66 4.08	10.52 3.86	8.66 3.61	7.05 3.33	5.65 3.02	4.45 2.69	3.42 2.34	2.54 1.98	1.81 1.61				
	50	Qo Pe	13.55 5.08	12.43 4.96	10.40 4.68	8.62 4.36	7.07 4.01	5.72 3.63	4.55 3.23	3.54 2.82	2.69 2.40	1.96 1.98	1.34 1.55				
YBF4FC-3.2ZE	30	Qo Pe				13.72 3.85	11.33 3.66	9.26 3.44	7.47 3.18	5.94 2.90	4.63 2.58	3.51 2.24	2.58 1.88	1.80 1.50			
	40	Qo Pe				11.56 4.42	9.52 4.10	7.74 3.76	6.20 3.40	4.80 3.03	3.75 2.63	2.79 2.23	1.98 1.82	1.31 1.40			
	50	Qo Pe				9.45 4.91	7.74 4.48	6.26 4.04	4.97 3.59	3.86 3.13	2.91 2.67	2.11 2.22	1.43 1.77				
YBF4FC-5.2GE	30	Qo Pe	21.55 3.78	19.79 3.79	16.59 3.76	13.81 3.67	11.40 3.52	9.32 3.32	7.52 3.07	5.97 2.79	4.65 2.48	3.53 2.15	2.58 1.81				
	40	Qo Pe	18.24 4.65	16.74 4.60	14.02 4.46	11.65 4.25	9.58 3.99	7.79 3.69	6.24 3.35	4.90 2.98	3.76 2.59	2.79 2.18	1.97 1.76				
	50	Qo Pe	14.97 5.44	13.73 5.33	11.47 5.07	9.50 4.75	7.78 4.39	6.28 3.98	4.98 3.55	3.86 3.10	2.90 2.62	2.09 2.14	1.41 1.65				
YBF4EC-4.2ZE	30	Qo Pe				17.33 4.61	14.29 4.39	11.66 4.12	9.40 3.81	7.45 3.45	5.80 3.06	4.39 2.65	3.21 2.22	2.22 1.78			
	40	Qo Pe				14.44 5.28	11.87 4.93	9.65 4.53	7.72 4.10	6.07 3.64	4.65 3.15	3.45 2.65	2.44 2.14	1.59 1.63			
	50	Qo Pe				11.65 5.86	9.55 5.39	7.72 4.87	6.13 4.33	4.76 3.77	3.59 3.19	2.59 2.60	1.75 2.02				

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R404A/R507A

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量			Qo (kW)			Power consumption 输入功率			Pe (kW)		
			Evaporating temperature (℃)			蒸发温度 (℃)								
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
YBF4EC-6.2GE	30	Qo	27.50	25.20	21.10	17.58	14.50	11.83	9.53	7.55	5.86	4.42	3.21	
		Pe	4.73	4.75	4.73	4.62	4.43	4.17	3.85	3.48	3.08	2.65	2.21	
	40	Qo	23.15	21.25	17.78	14.75	12.12	9.84	7.86	6.16	4.70	3.47	2.42	
		Pe	5.87	5.81	5.62	5.35	5.01	4.61	4.17	3.68	3.17	2.65	2.12	
	50	Qo	18.93	17.36	14.49	11.98	9.79	7.89	6.24	4.82	3.60	2.57	1.71	
		Pe	6.86	6.72	6.37	5.95	5.47	4.95	4.38	3.79	3.19	2.58	1.97	
YBF4DC-5.2ZE	30	Qo				21.10	17.42	14.22	11.47	9.10	7.08	5.37	3.93	2.73
		Pe				5.52	5.29	4.99	4.62	4.18	3.70	3.19	2.66	2.11
	40	Qo				17.65	14.52	11.81	9.46	7.44	5.72	4.25	3.01	1.98
		Pe				6.34	5.95	5.50	4.99	4.43	3.83	3.22	2.60	1.98
	50	Qo				14.30	11.73	9.49	7.55	5.88	4.44	3.22	2.19	
		Pe				7.07	6.53	5.93	5.29	4.62	3.92	3.22	2.52	
YBF4DC-7.2GE	30	Qo	32.60	29.9	25.00	20.80	17.12	13.95	11.21	8.86	6.86	5.16	3.72	
		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	27.50	25.20	21.10	17.49	14.35	11.63	9.27	7.25	5.51	4.04	2.80	
		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	22.50	20.60	17.21	14.23	11.62	9.35	7.38	5.69	4.24	3.01	1.98	
		Pe	7.98	7.83	7.46	7.00	6.46	5.86	5.20	4.50	3.78	3.03	2.28	
YBF4CC-6.2ZE	30	Qo				24.95	20.65	16.90	13.67	10.90	8.54	6.53	4.84	3.42
		Pe				6.65	6.36	5.98	5.52	5.01	4.45	3.86	3.25	2.63
	40	Qo				21.10	17.42	14.20	11.42	9.03	6.98	5.24	3.77	25.40
		Pe				7.64	7.17	6.63	6.03	5.37	4.67	3.94	3.21	2.47
	50	Qo				17.32	14.22	11.52	9.19	7.18	5.46	4.00	2.77	
		Pe				8.61	7.98	7.28	6.51	5.71	4.87	4.01	3.14	
YBF4CC-9.2GE	30	Qo	38.80	35.60	29.90	24.90	20.60	16.88	13.66	10.89	8.53	6.53	4.84	
		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	32.85	30.15	25.30	21.10	17.41	14.21	11.44	9.05	7.00	5.25	3.77	
		Pe	8.35	8.27	8.01	7.64	7.18	6.63	6.02	5.36	4.66	3.94	3.20	
	50	Qo	27.05	24.85	20.90	17.38	14.31	11.62	9.28	7.24	5.48	3.96	2.66	
		Pe	9.80	9.62	9.16	8.61	7.98	7.28	6.52	5.71	4.87	4.01	3.14	
YBF4VCS-6.2ZE	30	Qo				27.05	22.30	18.19	14.64	11.60	8.99	6.78	4.92	3.37
		Pe				7.17	6.70	6.18	5.62	5.02	4.40	3.76	3.11	2.46
	40	Qo				22.75	18.67	15.14	12.09	9.47	7.23	5.32	3.72	2.38
		Pe				8.12	7.45	6.76	6.03	5.28	4.52	3.74	2.95	2.15
	50	Qo					14.97	12.05	9.53	7.37	5.52	3.95	2.64	
		Pe					7.98	7.12	6.26	5.41	4.55	3.67	2.78	
YBF4VCS-10.2GE	30	Qo	42.75	39.20	32.80	27.25	22.40	18.24	14.61	11.49	8.81	6.53	4.58	
		Pe	7.14	7.13	7.01	6.76	6.41	5.96	5.45	4.88	4.27	3.64	3.00	
	40	Qo	36.10	33.10	27.60	22.85	18.68	15.07	11.95	9.26	6.96	5.00	3.35	
		Pe	8.67	8.54	8.18	7.70	7.14	6.50	5.80	5.07	4.31	3.55	2.80	
	50	Qo	29.55	27.05	22.50	18.49	15.02	12.01	9.41	7.18	5.29	3.69	2.36	
		Pe	9.97	9.71	9.13	8.44	7.68	6.87	6.01	5.13	4.26	3.39	2.57	
YBF4TCS-8.2ZE	30	Qo				33.05	27.25	22.20	17.89	14.17	10.99	8.30	6.04	4.15
		Pe				8.74	8.17	7.55	6.87	6.16	5.41	4.64	3.86	3.07
	40	Qo				27.75	22.80	18.48	14.76	11.56	8.83	6.52	4.58	2.96
		Pe				9.86	9.05	8.20	7.34	6.46	5.57	4.66	3.74	2.81
	50	Qo					18.35	14.79	11.71	9.07	6.80	4.88	3.26	
		Pe					9.74	8.71	7.68	6.65	5.61	4.55	3.46	
YBF4TCS-12.2GE	30	Qo	51.50	47.20	39.49	32.75	26.90	21.90	17.55	13.83	10.65	7.96	5.70	
		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	43.50	39.85	33.30	27.55	22.60	18.26	14.53	11.32	8.59	6.27	4.32	
		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	35.40	32.40	27.05	22.35	18.23	14.65	11.55	8.88	6.59	4.65	3.02	
		Pe	12.28	11.93	11.17	10.33	9.42	8.45	7.45	6.42	5.39	4.36	3.36	

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R404A/R507A

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量			Qo (kW)			Power consumption 输入功率			Pe (kW)		
			Evaporating temperature (℃)						蒸发温度 (℃)					
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
YBF4PCS-10.2ZE	30	Qo Pe				38.30 10.07	31.60 9.37	25.75 8.64	20.70 7.87	16.39 7.06	12.69 6.22	9.55 5.34	6.91 4.43	4.69 3.48
	40	Qo Pe				32.30 11.39	26.50 10.45	21.50 9.47	17.13 8.45	13.40 7.41	10.22 6.35	7.52 5.30	5.24 4.25	3.35 3.22
	50	Qo Pe					21.50 11.26	17.29 10.04	13.66 8.80	10.55 7.53	7.89 6.28	5.64 5.05	3.76 3.88	
YBF4PCS-15.2GE	30	Qo Pe	61.50 10.23	56.40 10.19	47.10 9.96	39.05 9.58	32.10 9.06	26.00 8.43	20.80 7.70	16.32 6.90	12.49 6.04	9.24 5.14	6.50 4.23	
	40	Qo Pe	52.20 12.41	47.85 12.14	39.95 11.51	33.05 10.79	27.05 9.99	21.85 9.11	17.36 8.18	13.49 7.19	10.19 6.17	7.39 5.13	5.02 4.07	
	50	Qo Pe	42.60 14.27	39.00 13.78	32.50 12.78	26.75 11.73	21.80 10.66	17.43 9.55	13.68 8.43	10.46 7.28	7.71 6.11	5.38 4.94	3.42 3.75	
YBF4NCS-12.2ZE	30	Qo Pe				44.00 11.88	36.25 11.15	29.55 10.30	23.75 9.35	18.81 8.35	14.58 7.30	11.00 6.23	7.98 5.19	5.47 4.18
	40	Qo Pe				37.30 13.39	30.60 12.33	24.80 11.18	19.81 9.97	15.51 8.71	11.84 7.44	8.74 6.19	6.12 4.99	3.95 3.87
	50	Qo Pe					24.85 13.28	20.00 11.83	15.82 10.37	12.21 8.91	9.12 7.45	6.51 6.01	4.30 4.60	
YBF4NCS-20.2GE	30	Qo Pe	71.00 12.24	65.10 12.20	54.50 11.94	45.25 11.47	37.20 10.82	30.25 10.04	24.25 9.14	19.07 8.16	14.64 7.12	10.86 6.07	7.66 5.02	
	40	Qo Pe	60.50 14.78	55.40 14.49	46.25 13.79	38.20 12.91	31.25 11.91	25.20 10.80	20.00 9.62	15.53 8.40	11.73 7.16	8.51 5.95	5.82 4.78	
	50	Qo Pe	49.90 16.78	45.65 16.28	37.90 15.18	31.10 13.95	25.25 12.63	20.15 11.24	15.76 9.81	12.01 8.38	8.84 6.97	6.18 5.63	3.98 4.37	
YBF4H-15.2ZE	30	Qo Pe				58.50 15.78	48.40 14.84	39.70 13.79	32.20 12.63	25.75 11.40	20.25 10.10	15.56 8.77	11.63 7.43	8.35 6.10
	40	Qo Pe				49.85 18.16	41.15 16.80	33.60 15.34	27.10 13.82	21.50 12.25	16.73 10.65	12.66 9.05	9.24 7.47	6.38 5.93
	50	Qo Pe					33.95 18.50	27.60 16.67	22.05 14.80	17.33 12.91	13.27 11.03	9.82 9.17	6.92 7.37	
YBF4H-25.2GE	30	Qo Pe	90.70 16.14	83.20 16.07	69.70 15.72	57.90 15.14	47.75 14.36	38.95 13.41	31.35 12.32	24.80 11.11	19.21 9.81	14.46 8.46	10.46 7.08	
	40	Qo Pe	77.40 19.56	71.00 19.22	59.50 18.37	49.40 17.32	40.65 16.11	33.00 14.76	26.45 13.31	20.80 11.78	15.93 10.20	11.80 8.60	8.32 7.00	
	50	Qo Pe	64.50 22.78	59.10 22.18	49.50 20.84	41.00 19.33	33.60 17.71	27.20 15.98	21.60 14.18	16.83 12.34	12.74 10.49	9.26 8.65	6.34 6.86	
YBF4G-20.2ZE	30	Qo Pe				67.10 18.22	55.50 17.12	45.40 15.89	36.75 14.55	29.35 13.12	23.00 11.62	17.60 10.08	13.06 8.53	9.26 6.97
	40	Qo Pe				57.20 20.94	47.30 19.36	38.70 17.68	31.20 15.93	24.80 14.13	19.25 12.30	14.54 10.47	10.54 8.65	7.16 6.89
	50	Qo Pe					38.75 21.25	31.65 19.15	25.45 17.02	20.10 14.87	15.48 12.73	11.51 10.63	8.12 8.60	
YBF4G-30.2GE	30	Qo Pe	103.80 19.21	95.30 19.07	79.90 18.57	66.50 17.81	54.90 16.84	44.90 15.70	36.25 14.41	28.80 13.02	22.45 11.57	17.04 10.09	12.48 8.61	
	40	Qo Pe	89.10 23.37	81.80 22.88	68.60 21.73	57.00 20.38	47.00 18.88	38.25 17.26	30.70 15.56	24.20 13.81	18.61 12.06	13.86 10.33	9.85 8.68	
	50	Qo Pe	74.30 27.01	68.20 26.20	57.10 24.46	47.40 22.58	38.90 20.60	31.50 18.56	25.10 16.50	19.58 14.45	14.84 12.45	10.81 10.54	7.41 8.76	
YBF6H-25.2ZE	30	Qo Pe				87.90 23.50	72.50 22.15	59.30 20.58	47.80 18.83	38.00 16.94	29.70 14.95	22.65 12.89	16.74 10.81	11.85 8.75
	40	Qo Pe				74.70 27.20	61360 25.18	50.20 23.00	40.40 20.68	31.90 18.28	24.70 15.82	18.59 13.36	13.44 10.92	9.13 8.54
	50	Qo Pe					50.50 27.78	41.15 25.02	33.00 22.18	25.95 19.31	19.92 16.43	14.76 13.59	10.39 10.83	

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R404A/R507A

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Qo(W) 制冷量 Pe(kW) 输入功率	Cooling capacity 制冷量			Qo (kW)			Power consumption 输入功率			Pe (kW)			
			Evaporating temperature (℃)									蒸发温度 (℃)			
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45	
YBF6H-35.2GE	30	Qo	136.00	124.80	104.50	86.90	71.60	58.40	47.00	37.20	28.80	21.70	15.72		
		Pe	25.11	24.84	24.07	23.04	21.77	20.29	18.64	16.83	14.91	12.89	10.81		
	40	Qo	116.30	106.60	89.30	74.10	60.90	49.45	39.60	31.10	23.80	17.67	12.48		
		Pe	29.81	29.20	27.79	26.14	24.30	22.29	20.14	17.88	15.53	13.13	10.71		
	50	Qo	96.60	88.60	74.10	61.40	50.40	40.70	32.40	25.25	19.16	14.00	9.67		
		Pe	34.17	33.23	31.19	28.96	26.56	24.04	21.41	18.71	15.96	13.20	10.45		
YBF6G-30.2ZE	30	Qo				98.30	81.20	66.40	53.60	42.70	33.35	25.40	18.76	13.21	
		Pe				26.77	25.07	23.21	21.20	19.08	16.84	14.54	12.17	9.76	
	40	Qo				84.00	69.30	56.60	45.55	36.05	27.90	21.00	15.13	10.21	
		Pe				30.86	28.50	26.00	23.38	20.68	17.90	15.07	12.21	9.34	
	50	Qo					57.60	46.90	37.60	29.55	22.60	16.72	11.71		
		Pe					31.43	28.35	25.18	21.94	18.67	15.37	12.06		
YBF6G-40.2GE	30	Qo	156.10	143.20	120.00	99.90	82.50	67.40	54.30	43.15	33.60	25.55	17.73		
		Pe	30.46	29.91	28.66	27.20	25.57	23.77	21.82	19.75	17.56	15.28	12.93		
	40	Qo	133.40	122.40	102.70	84.40	70.30	57.30	46.00	36.30	28.00	20.90	14.94		
		Pe	35.49	34.61	32.70	30.62	28.38	26.02	23.54	20.96	18.30	15.57	12.80		
	50	Qo	110.80	101.80	85.40	70.90	58.30	47.35	37.80	29.55	22.50	16.45	11.33		
		Pe	40.19	38.97	36.42	33.73	30.91	27.99	24.99	21.92	18.79	15.63	12.46		
YBF6F-40.2ZE	30	Qo				118.80	98.10	80.10	64.70	51.40	40.10	30.50	22.40	15.60	
		Pe				31.46	29.74	27.69	25.37	22.84	20.14	17.34	14.49	11.63	
	40	Qo				100.90	83.10	67.60	54.30	42.80	32.95	24.60	17.57	11.68	
		Pe				36.00	33.43	30.59	27.55	24.36	21.06	17.73	14.40	11.14	
	50	Qo					68.30	55.30	44.05	34.30	26.05	18.99	13.06		
		Pe					36.68	33.08	29.33	25.49	21.62	17.76	13.98		
YBF6F-50.2GE	30	Qo	184.40	169.30	142.20	118.60	98.10	80.40	65.20	52.10	40.90	31.40	23.45		
		Pe	36.24	35.76	24.49	32.87	30.95	28.79	26.43	23.94	21.38	18.79	16.23		
	40	Qo	157.90	145.00	121.70	101.30	83.60	68.30	55.00	43.60	33.85	25.60	18.62		
		Pe	43.13	42.10	39.80	37.22	34.43	31.47	28.40	25.28	22.15	19.09	16.14		
	50	Qo	131.00	120.20	100.80	83.80	68.90	56.00	44.80	35.15	26.95	19.96	14.09		
		Pe	49.80	48.21	44.85	41.30	37.60	33.83	30.02	26.24	22.53	18.97	15.59		

运行注意事项请见第 13 页应用范围的技术措施

Note for the operation issues.please check
the technical measures of application range
on Page 13.

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, liquid re-cooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Cooling capacity 制冷量							Power consumption 输入功率						
		Qo (kW)							Pe (kW)						
		Evaporating temperature (℃)							蒸发温度 (℃)						
		-20	-25	-30	-35	-40	-45	-50	-20	-25	-30	-35	-40	-45	-50
YBF4T-5.2DS	30	9.81	8.14	6.66	5.37	4.25	3.29	2.47	3.85	3.64	3.40	3.15	2.88	2.58	2.27
	35	9.66	8.01	6.55	5.28	4.17	3.22	2.41	4.09	3.86	3.62	3.35	3.05	2.73	2.38
	40	9.51	7.88	6.44	5.19	4.10	3.16	2.36	4.34	4.10	3.84	3.55	3.23	2.88	2.50
	45	9.37	7.77	6.35	5.11	4.04	3.11		4.61	4.35	4.07	3.75	3.41	3.04	
	50	9.24	7.67	6.27	5.05	3.98			4.89	4.60	4.29	3.96	3.59		
	55	9.12	7.58	6.20	4.99				5.18	4.86	4.52	4.15			
YBF4N-8.2DS	30	14.13	11.74	9.63	7.79	6.18	4.79	3.58	5.84	5.44	5.05	4.65	4.26	3.86	3.47
	35	13.88	11.54	9.47	7.65	6.06	4.67	3.46	6.28	5.84	5.41	4.97	4.53	4.10	3.66
	40	13.64	11.34	9.31	7.51	5.93	4.55	3.34	6.72	6.25	5.77	5.29	4.81	4.33	3.85
	45	13.41	11.15	9.15	7.37	5.81	4.43		7.17	6.64	6.12	5.60	5.08	4.56	
	50	13.18	10.97	8.96	7.24	5.68			7.59	7.03	6.47	5.91	5.35		
	55	12.93	10.79	8.84	7.10				8.00	7.41	6.81	6.21			
YBF4G-12.2DS	30	21.35	17.73	14.55	11.77	9.34	7.24	5.41	8.82	8.22	7.63	7.03	6.43	5.84	5.24
	35	20.95	17.43	14.30	11.56	9.15	7.06	5.23	9.49	8.83	8.17	7.51	6.85	6.22	5.53
	40	20.60	17.14	14.06	11.35	8.96	6.88	5.04	10.16	9.43	8.71	7.99	7.26	6.54	5.81
	45	20.25	168.50	138.20	11.14	8.78	6.69		10.82	10.04	9.25	8.46	7.68	6.89	
	50	19.92	16.57	13.59	10.94	8.58			11.47	10.63	9.78	8.93	8.09		
	55	19.59	16.30	13.36	10.73				12.09	11.19	10.28	9.38			
YBF6J-16.2DS	30	30.65	25.60	21.15	17.23	13.77	10.70	7.95	13.34	12.26	11.17	10.08	8.98	7.90	6.82
	35	30.30	25.35	20.95	17.05	13.59	10.49	7.66	14.26	13.09	11.90	10.72	9.53	8.36	7.19
	40	30.00	25.10	20.75	16.87	13.42	10.30	7.41	15.19	13.91	12.63	11.35	10.07	8.79	7.52
	45	29.65	24.85	20.55	16.71	13.26	10.11		16.11	14.73	13.35	11.97	10.58	9.17	
	50	29.35	24.60	20.35	16.57	13.13			17.03	15.53	14.05	12.57	11.05		
	55	29.10	24.40	20.20	16.46				17.94	16.33	14.74	13.14			
YBF6H-20.2DS	30	35.50	29.70	24.50	19.97	15.96	12.40	9.18	15.46	14.21	12.95	11.68	10.41	9.15	7.91
	35	35.15	29.40	24.30	19.76	15.75	12.16	8.88	16.53	15.17	13.79	12.42	11.05	9.69	8.34
	40	34.75	29.10	24.05	19.56	15.56	11.94	8.59	17.61	16.12	14.64	13.15	11.67	10.19	8.71
	45	34.40	28.80	23.80	19.37	15.37	11.72		18.68	17.07	15.47	13.87	12.26	10.63	
	50	34.05	28.50	23.60	19.21	15.22			19.74	18.00	16.29	14.56	12.80		
	55	33.70	28.30	23.40	19.07				20.79	18.92	17.09	15.23			
YBF6G-25.2DS	30	40.80	34.05	28.15	22.90	18.32	14.23	10.54	17.75	16.31	14.86	13.41	11.95	10.51	9.08
	35	40.35	33.75	27.90	22.70	18.09	13.96	10.20	18.98	17.41	15.84	14.26	12.68	11.12	9.57
	40	39.90	33.40	27.60	22.45	17.86	13.70	9.86	20.21	18.51	16.81	15.10	13.40	11.70	10.00
	45	39.50	33.05	27.35	22.25	17.65	13.46		21.44	19.60	17.76	15.92	14.07	12.20	
	50	39.10	32.75	27.10	22.05	17.47			22.66	20.67	18.70	16.72	14.70		
	55	38.70	32.45	26.90	21.90				23.87	21.73	19.62	17.48			
YBF6F-30.2DS	30	48.80	40.75	33.70	27.40	21.90	17.03	12.61	21.23	19.52	17.78	16.04	14.30	12.57	10.86
	35	48.25	40.35	33.35	27.15	21.65	16.71	12.20	22.71	20.83	18.95	17.06	15.18	13.31	11.45
	40	47.75	39.95	33.00	26.85	21.35	16.39	11.79	24.18	22.15	20.11	18.07	16.03	13.99	11.96
	45	47.25	39.55	32.70	26.60	21.10	16.10		25.66	23.45	21.25	19.05	16.84	14.60	
	50	46.75	39.20	32.45	26.40	20.90			27.12	24.73	22.37	20.01	17.59		
	55	46.30	38.85	32.20	26.20				28.56	25.99	23.47	20.92			

性能参数表

Performance Parameter

频率 50Hz
吸气温度 20℃
液体无再冷

Frequency 50 Hz
relating to 20℃ suction gas
temperature, without liquid subcooling

R22

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Cooling capacity 制冷量 Qo (kW)							Power consumption 输入功率 Pe (kW)						
		Evaporating temperature (℃)							蒸发温度 (℃)						
		-20	-25	-30	-35	-40	-45	-50	-20	-25	-30	-35	-40	-45	-50
YBF4T-5.2DS	30	8.85	6.87	5.51	4.36	3.39	2.25	1.91	3.84	3.56	3.27	2.97	2.67	2.35	2.03
	35	8.09	6.57	5.27	4.16	3.24	2.46	1.81	4.04	3.76	3.46	3.15	2.84	2.51	2.17
	40	7.74	6.28	5.04	3.98	3.09	2.35	1.73	4.28	3.98	3.67	3.35	3.01	2.66	2.30
	45	7.39	6.00	4.81	3.81	2.96	2.24		4.56	4.24	3.91	3.56	3.20	2.83	
	50	7.06	5.74	4.60	3.64	2.82			4.88	4.52	4.15	3.77	3.38		
	55	6.74	5.48	4.40	3.48				5.25	4.83	4.40	3.97			
YBF4N-8.2DS	30	12.16	9.89	7.96	6.31	4.92	3.75	2.76	5.51	5.07	4.64	4.22	3.81	3.42	3.05
	35	11.65	9.47	7.61	6.03	4.69	3.55	2.59	5.87	5.40	4.93	4.47	4.03	3.59	3.17
	40	11.14	9.05	7.27	5.75	4.45	3.36	2.42	6.26	5.75	5.24	4.74	4.25	3.77	3.29
	45	10.63	8.63	6.83	5.47	4.22	3.16		6.66	6.10	5.61	5.01	4.46	3.93	
	50	10.12	8.22	6.59	5.19	3.99			7.08	6.47	5.86	5.25	4.67		
	55	9.61	7.80	6.24	4.90				7.53	6.83	6.14	5.46			
YBF4G-12.2DS	30	18.37	14.95	12.02	9.53	7.43	5.67	4.18	8.32	7.66	7.01	6.37	5.75	5.16	4.61
	35	17.60	14.31	11.50	9.11	7.08	5.37	3.92	8.87	8.16	7.45	6.76	6.08	5.42	4.79
	40	16.83	13.68	10.98	8.68	6.73	5.07	3.65	9.45	8.68	7.92	7.16	6.42	5.69	4.97
	45	16.06	13.04	10.46	8.26	6.38	4.77		10.06	9.22	8.39	7.56	6.74	5.93	
	50	15.29	12.42	9.95	7.83	6.02			10.70	9.77	8.85	7.93	7.03		
	55	14.52	11.78	9.43	7.41				11.37	10.31	9.27	8.26			
YBF6J-16.2DS	30	27.90	22.75	18.35	14.57	11.34	8.57	6.17	10.94	10.32	9.62	8.83	7.93	6.92	5.78
	35	26.80	21.85	17.62	13.98	10.85	8.15	5.79	11.88	11.14	10.33	9.41	8.40	7.26	6.01
	40	25.70	20.95	16.89	13.39	10.37	7.74	5.42	12.81	11.99	11.06	10.02	8.87	7.58	6.17
	45	24.55	20.05	16.16	12.81	9.90	7.35		13.74	12.84	11.81	10.65	9.33	7.85	
	50	23.40	19.14	15.45	12.24	9.44			14.64	13.69	12.57	11.28	9.78		
	55	22.30	18.24	14.74	11.69				15.52	14.52	13.34	11.92			
YBF6H-20.2DS	30	32.35	26.40	21.25	16.89	13.14	9.93	7.15	12.68	11.96	11.15	10.23	9.19	8.02	6.70
	35	31.05	25.35	20.40	16.20	12.58	9.45	6.71	13.77	12.92	11.97	10.91	9.73	8.42	6.96
	40	29.75	24.30	19.57	15.52	12.02	8.98	6.28	14.85	13.89	12.82	11.62	10.28	8.79	7.15
	45	28.45	23.25	18.73	14.84	11.47	8.51		15.92	14.88	13.69	12.34	10.81	9.10	
	50	27.15	22.20	17.90	14.19	10.95			16.97	15.86	14.57	13.07	11.33		
	55	25.80	21.15	17.09	13.55				17.99	16.83	15.46	13.81			
YBF6G-25.2DS	30	37.15	30.30	24.40	19.39	15.09	14.41	8.21	14.55	13.73	12.80	11.75	10.55	9.21	7.69
	35	35.65	29.10	23.45	18.60	14.44	10.85	7.70	15.81	14.83	13.74	12.53	11.17	9.67	7.99
	40	34.15	27.90	22.50	17.82	13.80	10.31	7.21	17.05	15.95	14.72	13.34	11.80	10.09	8.21
	45	32.65	26.70	21.50	17.04	13.17	9.78		18.28	17.08	15.72	14.17	12.42	10.45	
	50	31.15	25.45	20.55	16.29	12.57			19.59	18.21	16.73	15.01	13.01		
	55	29.65	24.30	19.62	15.56				20.65	19.32	17.75	15.86			
YBF6F-30.2DS	30	44.45	36.25	29.20	23.20	18.06	13.65	9.82	17.41	16.43	15.32	14.06	12.63	11.02	9.20
	35	42.70	34.80	28.05	22.25	17.28	12.98	9.22	18.91	17.74	16.44	14.99	13.37	11.56	9.56
	40	40.90	33.35	26.90	21.30	16.51	12.22	8.63	20.40	19.09	17.61	15.96	14.12	12.07	9.82
	45	39.10	31.90	25.70	20.40	15.76	11.70		21.87	20.44	18.80	16.95	14.85	12.50	
	50	37.25	30.40	24.60	19.49	15.04			23.31	21.79	20.02	17.96	15.57		
	55	35.45	29.05	23.50	18.61				24.71	23.11	21.23	18.97			

性能参数表

Performance Parameter

频率 50Hz
吸气温度 20℃
液体再冷

Frequency 50 Hz
relating to 20℃ suction gas
temperature, liquid re-cooling

R404A/R507A

Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Cooling capacity 制冷量 Qo (kW)										Power consumption 输入功率 Pe (kW)									
		Evaporating temperature (℃)										蒸发温度 (℃)									
		-25	-30	-35	-40	-45	-50	-55	-60	-65	-70	-25	-30	-35	-40	-45	-50	-55	-60	-65	-70
YBF4T-5.2DS	30	9.16	7.66	6.33	5.16	4.16	3.29	2.55	1.93	1.41	0.98	4.50	4.20	3.88	3.54	3.19	2.84	2.49	2.15	1.81	1.50
	35	9.00	7.51	6.21	5.07	4.08	3.22	2.50	1.88	1.37	0.94	4.80	4.47	4.12	3.75	3.37	2.98	2.60	2.22	1.86	1.52
	40	8.83	7.37	6.61	4.97	3.99	3.15	2.43	1.83	1.32		5.10	4.74	4.36	3.96	3.55	3.13	2.72	2.31	1.91	
	45	8.66	7.23	5.97	4.87	3.91	3.05	2.37	1.78			5.41	5.01	4.59	4.17	3.73	3.29	2.84	2.39		
	50	8.50	7.10	5.86	4.78	3.83	3.02	2.32				5.72	5.28	4.83	4.38	3.92	3.45	2.98			
	55	8.35	6.98	5.77	4.70	3.77	2.97					6.05	5.55	5.07	4.60	4.12	3.63				
YBF4N-8.2DS	30	12.99	10.86	8.98	7.34	5.91	4.68	3.64	2.75	2.01	1.40	6.42	6.00	5.55	5.07	4.57	4.06	3.55	3.06	2.59	2.15
	35	12.75	10.66	8.82	7.20	5.80	4.59	3.56	2.68	1.95	1.34	6.87	6.40	5.89	5.36	4.81	4.26	3.71	3.18	2.67	2.19
	40	12.50	10.46	8.65	7.07	5.69	4.49	3.48	2.62	1.89		7.31	6.78	6.22	5.65	5.07	4.48	3.89	3.31	2.75	
	45	12.25	10.25	8.48	6.93	5.57	4.40	3.40	2.55			7.74	7.16	6.56	5.95	5.33	4.70	4.07	3.44		
	50	11.99	10.05	8.32	6.79	5.46	4.31	3.32				8.17	7.54	6.90	6.26	5.60	4.90	4.26			
	55	11.74	9.84	8.15	6.66	5.35	4.22					8.60	7.93	7.25	6.57	5.89	5.18				
YBF4G-12.2DS	30	19.49	16.83	14.28	11.86	9.65	7.68	5.98	4.57	3.41	2.49	9.74	9.06	8.35	7.61	6.85	6.10	5.35	4.62	3.92	3.27
	35	19.26	16.57	14.00	11.60	9.43	7.51	5.87	4.48	3.34	2.42	10.39	9.64	8.86	8.05	7.22	6.40	5.59	4.81	4.06	3.37
	40	18.92	16.23	13.69	11.34	9.22	7.36	5.76	4.40	3.25		11.05	10.23	9.37	8.49	7.60	6.72	5.85	5.01	4.22	
	45	18.52	15.86	13.37	11.08	9.03	7.23	5.66	4.29			11.70	10.82	9.90	8.96	8.00	7.05	6.12	5.22		
	50	18.07	15.48	13.06	10.85	8.86	7.10	5.54				11.32	11.40	10.44	9.44	8.42	7.41	6.41			
	55	17.61	15.10	12.77	10.64	8.71	6.97					12.90	11.98	10.99	9.94	8.87	7.78				
YBF6J-16.2DS	30	27.60	23.75	20.15	16.81	13.76	11.03	8.66	6.65	4.99	3.66	14.13	12.93	11.76	10.61	9.49	8.41	7.37	6.40	5.49	4.65
	35	27.10	23.30	19.74	16.46	13.46	10.80	8.49	6.53	4.90	3.58	15.05	13.74	12.48	12.24	10.06	8.91	7.82	6.78	5.80	4.89
	40	26.50	22.80	19.34	16.11	13.18	10.58	8.33	6.41	4.79		16.00	14.58	13.21	11.90	10.63	9.42	8.26	7.16	6.10	
	45	26.00	22.35	18.92	15.77	12.92	10.38	8.19	6.27			16.94	15.42	13.96	12.56	11.21	9.93	8.69	7.51		
	50	25.50	21.90	18.52	15.44	12.67	10.21	8.02				17.83	16.23	14.68	13.20	11.78	10.41	9.10			
	55		21.50	18.16	15.15	12.45	10.02					16.97	15.37	13.82	12.33	10.87					
YBF6H-20.2DS	30	31.90	27.45	23.30	19.44	15.91	12.76	10.02	7.69	5.77	4.23	16.43	15.02	13.64	12.30	11.00	9.76	8.57	7.44	6.40	5.40
	35	31.30	26.95	22.85	19.03	15.56	12.48	9.19	7.56	5.67	4.14	17.47	15.95	14.47	13.04	11.66	10.33	9.07	7.86	6.72	5.66
	40	30.60	26.35	22.35	18.61	15.23	12.24	9.64	7.42	5.54		18.53	16.90	15.32	13.79	12.33	10.92	9.57	8.29	7.07	
	45	29.90	25.75	21.85	18.20	14.92	12.01	9.47	7.26			19.60	17.85	16.17	14.55	12.99	11.50	10.07	8.70		
	50	29.35	25.20	21.35	17.81	14.63	11.80	9.28				20.63	18.79	17.01	15.30	13.65	12.07	10.55			
	55		24.70	20.90	17.45	14.36	11.57					19.69	17.83	16.03	14.29	12.61					
YBF6G-25.2DS	30	36.20	31.30	26.60	22.25	18.22	14.62	11.48	8.83	6.63	4.87	18.84	17.27	15.71	14.16	12.65	11.19	9.80	8.49	7.29	6.20
	35	35.60	30.70	26.10	21.75	17.81	14.30	11.25	8.66	6.51	4.76	20.02	18.32	16.64	15.00	13.41	11.87	10.41	9.02	7.72	6.51
	40	34.90	30.10	25.50	21.30	17.42	14.00	11.04	8.50	6.35		21.27	19.40	17.60	15.85	14.16	12.55	11.00	9.52	8.13	
	45	34.10	29.40	24.95	20.80	17.06	13.74	10.84	8.31			22.52	20.50	18.56	16.70	14.92	13.20	11.56	10.00		
	50	33.45	28.75	24.35	20.35	16.72	13.49	10.62				23.71	21.58	19.35	17.56	15.67	13.85	12.10			
	55	32.90	28.15	23.80	19.92	16.41	13.23					24.78	22.61	20.49	18.42	16.42	14.47				
YBF6F-30.2DS	30	43.40	37.40	31.75	26.50	21.70	17.42	13.69	10.54	7.92	5.80	22.53	20.65	18.78	16.94	15.15	13.42	11.77	10.20	8.74	7.40
	35	42.50	36.60	31.05	25.90	21.20	17.03	13.42	10.37	7.78	5.68	23.85	21.86	19.89	17.94	16.04	14.21	12.45	10.78	9.23	7.80
	40	41.50	35.70	30.30	25.30	20.70	16.68	13.17	10.15	7.59		25.20	23.10	21.01	18.96	16.95	15.00	13.14	11.37	9.72	
	45	40.45	34.80	29.55	24.70	20.30	16.36	12.93	9.92			26.59	24.37	22.16	19.98	17.86	15.80	13.83	11.96		
	50	39.50	34.00	28.85	24.10	19.87	16.06	12.65				28.07	25.69	23.33	21.01	18.75	16.57	14.49			
	55	38.80	33.25	28.20	23.60	19.40	15.74					29.64	27.06	24.51	22.03	19.63	17.32				

性能参数表

Performance Parameter

频率 50Hz

吸气温度 20℃

液体无再冷

Frequency 50 Hz

relating to 20℃ suction gas

temperature, without liquid subcooling

R404A/R507A

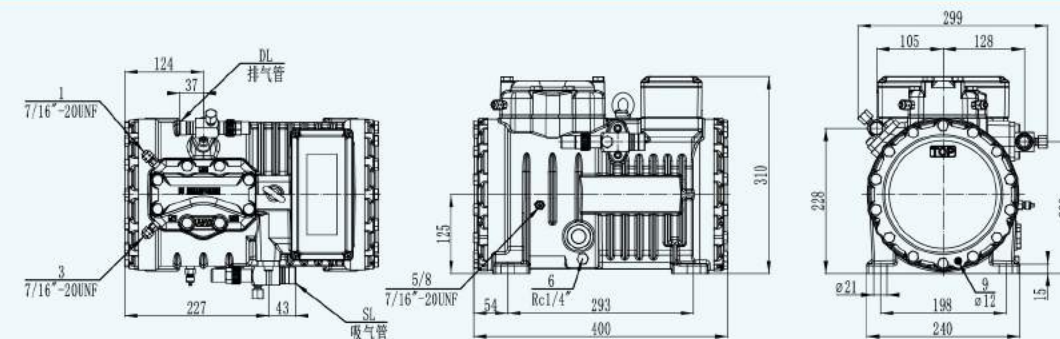
Compressor type 压缩机型号	Cond temp 冷凝温度 (℃)	Cooling capacity 制冷量 Qo (kW)										Power consumption 输入功率 Pe (kW)									
		Evaporating temperature (℃)										蒸发温度 (℃)									
		-25	-30	-35	-40	-45	-50	-55	-60	-65	-70	-25	-30	-35	-40	-45	-50	-55	-60	-65	-70
YBF4T-5.2DS	30	7.21	5.85	4.70	3.74	2.93	2.26	1.71	1.27	0.905	0.615	4.18	3.83	3.48	3.13	2.78	2.44	2.10	1.76	1.43	1.10
	35	6.79	5.50	4.42	3.51	2.75	2.12	1.60	1.18	0.84	0.56	4.41	4.03	3.66	3.29	2.92	2.55	2.19	1.83	1.47	1.10
	40	6.36	5.16	4.14	3.28	2.57	1.98	1.49	1.09	0.77		4.62	4.22	3.82	3.43	3.04	2.66	2.28	1.89	1.96	
	45	5.93	4.80	3.85	3.05	2.38	1.83	1.38	1.00			4.82	4.39	3.97	3.56	3.16	2.76	2.36	1.96		
	50	5.48	4.44	3.56	2.82	2.20	1.69	1.26				5.01	4.56	4.12	3.70	3.27	2.85	2.43			
YBF4N-8.2DS	55	5.02	4.07	3.26	2.58	2.01	1.54					5.20	4.74	4.29	3.84	3.39	2.94				
	30	10.29	8.35	6.71	5.33	4.18	3.23	2.45	1.81	1.29	0.88	5.87	5.40	4.92	4.45	3.97	3.50	3.03	2.57	2.11	1.66
	35	9.70	7.86	6.32	5.01	3.93	3.03	2.29	1.69	1.20	0.805	6.15	5.65	5.15	4.64	4.13	3.63	3.13	2.63	2.15	1.69
	40	9.09	7.37	5.91	4.69	3.67	2.83	2.13	1.57	1.10		6.43	5.90	5.36	4.82	4.29	3.75	3.22	2.70	2.19	
	45	8.46	6.86	5.51	4.37	3.41	2.62	1.97	1.44			6.72	6.16	5.59	5.02	4.45	3.88	3.32	2.76		
YBF4G-12.2DS	50	7.82	6.34	5.09	4.03	3.15	2.42	1.81				7.04	6.44	5.84	5.24	4.64	4.04	3.43			
	55	7.15	5.80	4.65	3.68	2.87	2.20					7.42	6.78	6.14	5.50	4.86	4.22				
	30	15.86	13.27	10.91	8.80	6.96	5.39	4.09	3.05	2.22	1.59	9.02	8.28	7.55	6.83	6.11	5.40	4.69	3.98	3.27	2.57
	35	15.06	12.54	10.27	8.26	6.52	5.05	3.84	2.86	2.09	1.48	9.45	8.66	7.88	7.11	6.34	5.57	4.82	4.07	3.32	2.59
	40	14.16	11.76	9.61	7.71	6.09	4.72	3.57	2.68	1.93		9.87	9.04	8.21	7.38	6.56	5.75	4.95	4.15	3.37	
YBF6J-16.2DS	45	13.20	10.94	8.92	7.17	5.66	4.40	3.35	2.47			10.29	9.42	8.54	7.67	6.80	5.94	5.08	4.25		
	50	12.18	10.08	8.23	6.62	5.24	4.07	3.08				10.72	9.81	8.89	7.97	7.05	6.14	5.24			
	55	11.10	9.20	7.52	6.06	4.80	3.72					11.15	10.21	9.25	8.30	7.34	6.38				
	30	23.95	19.94	16.35	13.19	10.44	8.10	6.15	4.57	3.33	2.37	13.07	11.70	10.43	9.25	8.17	7.18	6.27	5.44	4.69	4.00
	35	22.65	18.79	15.38	12.38	9.78	7.57	5.77	4.30	3.12	2.21	13.63	12.22	10.91	9.68	8.54	7.48	6.50	5.60	4.78	4.04
YBF6H-20.2DS	40	21.25	17.60	14.28	11.56	9.13	7.09	5.40	4.02	2.90		14.17	12.77	11.42	10.15	8.95	7.81	6.76	5.78	4.89	
	45	19.76	16.36	13.36	10.74	8.49	6.60	5.02	3.72			14.73	13.33	11.96	10.64	9.38	8.18	7.04	5.98		
	50	18.23	15.09	12.32	9.91	7.85	6.10	4.63				15.30	13.90	12.51	11.15	9.83	8.56	7.34			
	55	16.63	13.78	11.26	9.07	7.19	5.58					15.87	14.47	13.07	11.67	10.30	8.95				
	30	27.70	23.10	18.96	15.30	12.11	9.38	7.13	5.30	3.85	2.74	15.36	13.69	12.15	10.73	9.44	8.27	7.23	6.32	5.53	4.86
YBF6G-25.2DS	35	26.20	21.80	17.84	14.36	11.34	8.79	6.69	4.98	3.62	2.56	16.04	14.33	12.73	11.26	9.90	8.67	7.56	6.57	5.71	4.97
	40	24.60	20.40	16.68	13.40	10.59	8.22	6.26	4.66	3.36		16.70	14.96	13.32	11.79	10.38	9.08	7.89	6.82	5.87	
	45	22.90	18.97	15.49	12.45	9.84	7.65	5.82	4.31			17.35	15.58	13.91	12.34	10.88	9.51	8.24	7.08		
	50	21.10	17.49	14.28	11.49	9.10	7.07	5.37				18.00	16.21	14.52	12.92	11.41	9.98	8.63			
	55	19.25	15.95	13.04	10.51	8.33	6.47					18.66	16.85	15.14	13.52	11.98	10.50				
YBF6F-30.2DS	30	31.80	26.50	21.75	17.57	13.90	10.78	8.18	6.09	4.43	3.15	17.92	15.88	14.03	12.35	10.84	9.49	8.30	7.25	6.34	5.56
	35	30.10	25.00	20.5	16.48	13.02	10.10	7.68	5.72	4.16	2.94	18.51	16.49	14.63	12.91	11.35	9.93	8.66	7.54	6.56	5.72
	40	28.25	23.40	19.14	15.39	12.15	9.43	7.18	5.34	3.86		19.12	17.14	15.27	13.52	11.89	10.40	9.04	7.83	6.77	
	45	26.30	21.80	17.78	14.29	11.30	8.78	6.68	4.95			19.74	17.81	15.95	14.16	12.47	10.89	9.43	8.12		
	50	24.30	20.05	16.39	13.19	10.44	8.12	6.16				20.40	18.51	16.63	14.81	13.05	11.38	9.82			
YBF6F-30.2DS	55	22.10	18.31	14.97	12.06	9.57	7.42					21.11	19.21	17.32	15.45	13.63	11.87				
	30	38.05	31.70	26.05	21.00	16.62	12.88	9.79	7.28	5.30	3.76	21.26	18.81	16.61	14.64	12.90	11.37	10.02	8.86	7.85	7.00
	35	36.00	29.95	24.50	19.71	15.57	12.07	9.18	6.84	4.98	3.51	22.11	19.66	17.41	15.37	13.53	11.88	10.42	9.13	8.02	7.08
	40	33.80	28.00	22.90	18.39	14.53	11.28	8.59	6.40	4.62		22.95	20.53	18.26	16.15	14.20	12.42	10.82	9.41	8.18	
	45	31.45	26.05	21.25	17.08	13.51	10.50	8.00	5.92			23.82	21.42	19.12	16.94	14.89	13.00	11.26	9.71		
YBF6F-30.2DS	50	28.95	24.00	19.59	15.77	12.49	9.71	7.37				24.72	22.31	19.98	17.74	15.61	13.61	11.76			
	55	26.40	21.90	17.89	14.43	11.44	8.88					25.67	23.19	20.80	18.52	16.34	14.27				

运行注意事项请见第 14 页应用范围试验数据 For operation notes,please check the application range test data on page 14

外形尺寸及机脚（孔径）、吸气口、排气口定位尺寸

Boundary Dimension And Location Dimension
Of Bore Diameter Suction Gas Port And Discharge Gas Port
连接口位置请见第 30 页 Legend for connections see page 30

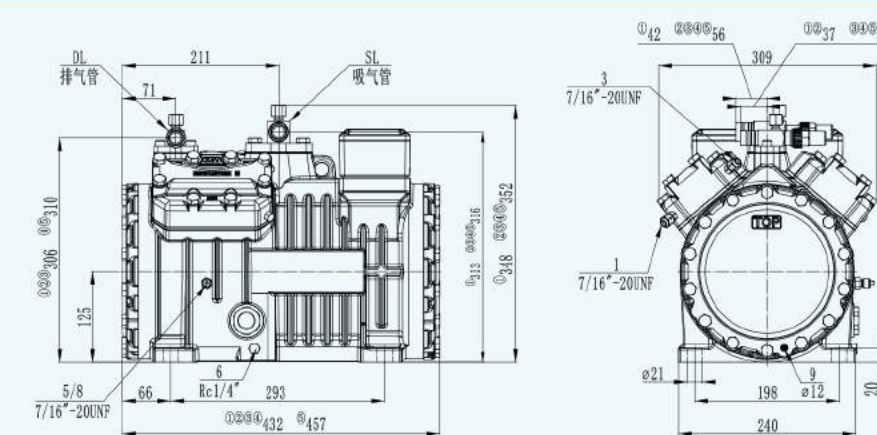
YBF2DC-2.2Z ... YBF2CC-4.2G



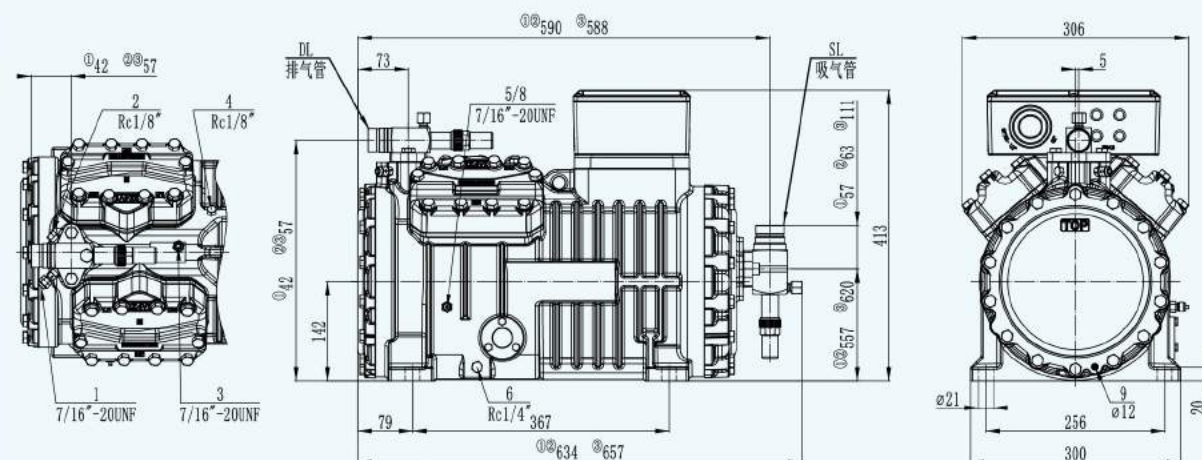
吸、排气阀接管尺寸（mm） Suction and exhaust valve connection size (mm)

型号 Type	YBF2DC-2.2Z	YBF2DC-3.2G	YBF2CC-3.2Z	YBF2CC-4.2G
SL	22(7/8")	22(7/8")	22(7/8")	22(7/8")
DL	16 (5/8")	16 (5/8")	16 (5/8")	16 (5/8")

YBF4FC-3.2Z...YBF4CC-9.2G



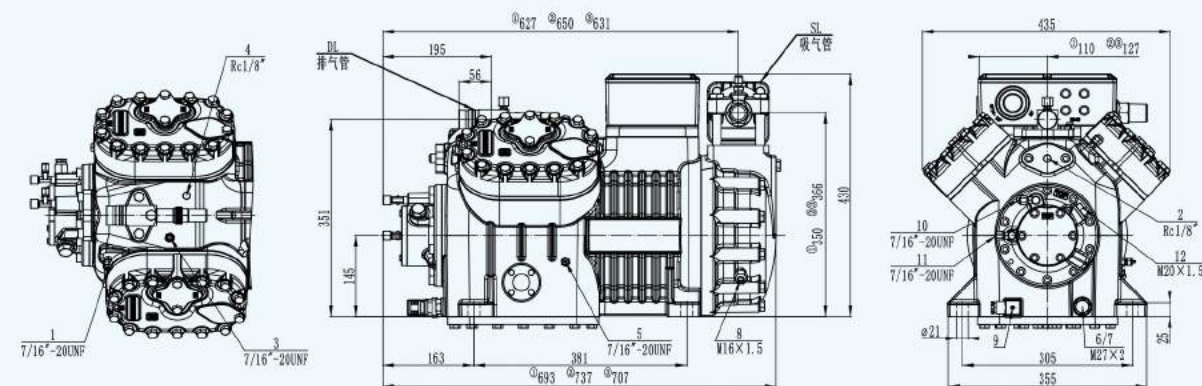
YBF4VCS-6.2Z...YBF4NCS-20.2G



吸、排气阀接管尺寸 (mm) Suction and exhaust valve connection size (mm)

型号 Type	①	②	③	②	③
	YBF4VCS-6.2Z	YBF4VCS-10.2G	YBF4TCS-8.2Z	YBF4TCS-12.2G	YBF4PCS-10.2Z
SL	28 (1 1/8")	28 (1 1/8")	35 (1 3/8")	35 (1 3/8")	35 (1 3/8")
DL	22 (7/8")	22 (7/8")	28 (1 1/8")	28 (1 1/8")	28 (1 1/8")

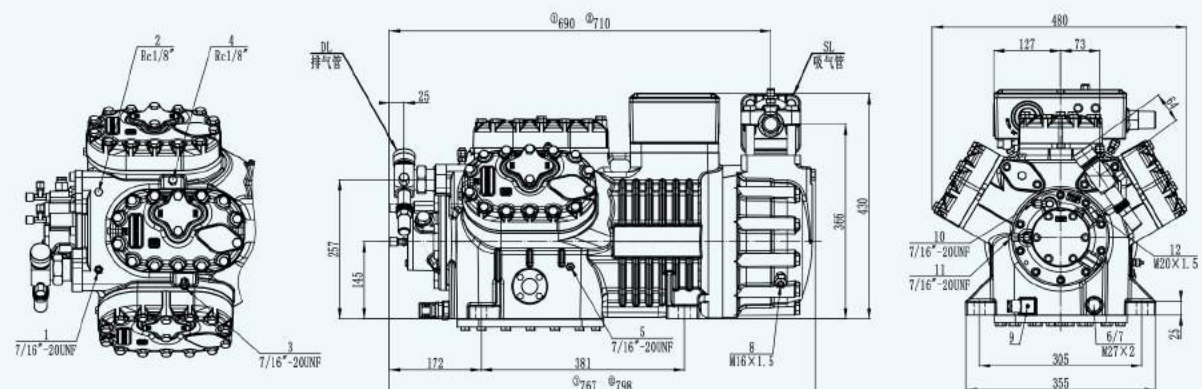
YBF4H-15.2Z...YBF4G-30.2G



吸、排气阀接管尺寸 (mm) Suction and exhaust valve connection size (mm)

型号 TYPE	①	②	③	②
	YBF4H-15.2Z	YBF4H-25.2G	YBF4G-20.2Z	YBF4G-30.2G
SL	42 (1 5/8")	54 (2 1/8")	54 (2 1/8")	54 (2 1/8")
DL	28 (1 1/8")	28 (1 1/8")	28 (1 1/8")	28 (1 1/8")

YBF6H-25.2Z...YBF6G-40.2G



吸、排气阀接管尺寸 (mm) Suction and exhaust valve connection size (mm)

型号 TYPE	①	②	①	②	YBF6F-40.2Z	YBF6F-50.2G
	YBF6H-25.2Z	YBF6H-35.2G	YBF6G-30.2Z	YBF6G-40.2G		
SL	54 (2 1/8")	54 (2 1/8")	54 (2 1/8")	54 (2 1/8")	54 (2 1/8")	54 (2 1/8")
DL	35 (1 3/8")	35 (1 3/8")	35 (1 3/8")	35 (1 3/8")	42 (1 5/8")	42 (1 5/8")

单级压缩机连接口位置图例

- 1 高压连接口 (HP)
- 2 排气温度传感器连接口
- 3 低压连接口 (LP)
- 4 电子喷液控制器喷嘴 (LP)
- 5 润滑油充注口
- 6 放油口
- 7 油过滤器接口 (带磁堵)
- 8 回油口 (接油分离器)
- 9 曲轴箱加热器
- 10 油压高压接口 +
- 11 油压低压接口 -
- 12 电子油压开关连接口

SL 吸气管
DL 排气管

Single Compressor Connection positions

- 1 High pressure connection(HP)
- 2 Exhaust Temperature Sensor Connector
- 3 low pressure connection(LP)
- 4 Electronic hydrojet(LP)
- 5 Oil fill plug
- 6 Oil drain
- 7 Oil filter (magnetic screw)
- 8 Oil return (oil separator)
- 9 Crankcase heater
- 10 Oil pressure connection +
- 11 Oil pressure connection -
- 12 Electronic hydraulic switch connector

SL Suction gas line
DL Discharge gas line

图中① ... ⑤表示对型号压缩机尺寸

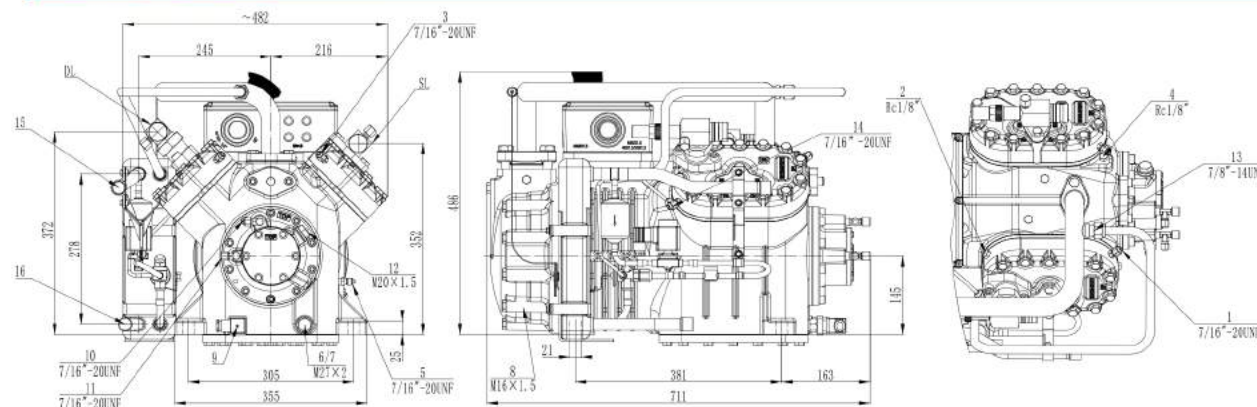
Figure ① ... ⑤ indicates the size of the compressor

低温双级外形尺寸及机脚 (孔径)、吸气口、排气口定位尺寸

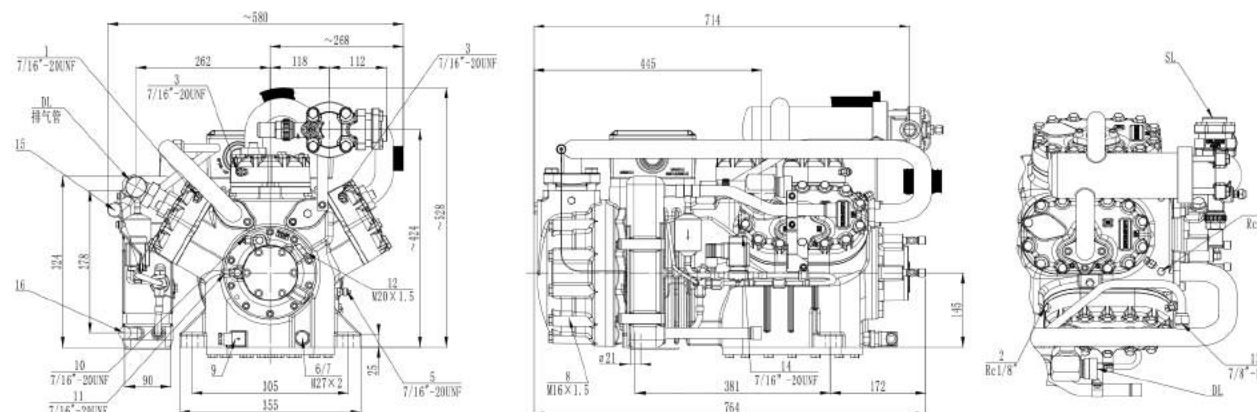
Low Temperature Two Stage Boundary Dimension And Location Dimension
Of Bore Diameter Suction Gas Port And Discharge Gas Port

连接口位置请见第 32 页
Legend for connections see page 32

YBF4G-12.2DS



YBF6J-16.2DS...YBF6F-30.2DS



吸、排气阀接管尺寸 (mm) Suction and exhaust valve connection size (mm)

型号 TYPE	YBF4G-12.2DS	YBF6J-16.2DS	YBF6F-20.2DS	YBF6G-25.2DS	YBF6F-30.2DS
SL	35 (1 3/8")	42 (1 5/8")	42 (1 5/8")	42 (1 5/8")	42 (1 5/8")
DL	28 (1 1/8")	35 (1 3/8")	35 (1 3/8")	35 (1 3/8")	35 (1 3/8")

低温双级压缩机连接口位置图例

- 1 高压连接口 (HP)
- 2 排气温度传感器连接口
- 3 低压连接口 (LP)
- 4 电子喷液控制器喷嘴 (LP)
- 5 润滑油充注口
- 6 放油口
- 7 油过滤器接口 (带磁堵)
- 8 回油口
- 9 曲轴箱加热器
- 10 机械油压开关高压接口 (+)
- 11 机械油压开关低压接口 (-)
- 12 电子油压开关连接口
- 13 喷液口 (用热力膨胀阀, 无液体再冷器)
- 14 中间压力 (MP)
- 15 液体再冷器的制冷剂进口
- 16 液体再冷器的制冷剂出口

SL 吸气管

DL 排气管

Low Temperature Two Stage Compressor Connection positions

- 1 High pressure connection (HP)
- 2 Exhaust temperature sensor connector
- 3 low pressure connection (LP)
- 4 Electronic hydrojet (LP)
- 5 Oil fill plug
- 6 Oil drain
- 7 Oil filter (magnetic screw)
- 8 Oil return
- 9 Crankcase heater
- 10 Oil pressure connection +
- 11 Oil pressure connection -
- 12 Electronic hydraulic switch connector
- 13 Spray nozzle (thermal expansion valve, no liquid recooling)
- 14 Intermediate pressure (MP)
- 15 Refrigerant gas inlet at liquid subcooler
- 16 Refrigerant gas outlet at liquid subcooler

SL Suction gas line

DL Discharge gas line

BRILLIANT
MIRACLE
BRILLIANT