



百尔制冷

产品手册

PRODUCT MANUAL

并联压缩机组 Compressor Rack

BEIJER REF

China

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涡旋并联机组

BRN系列



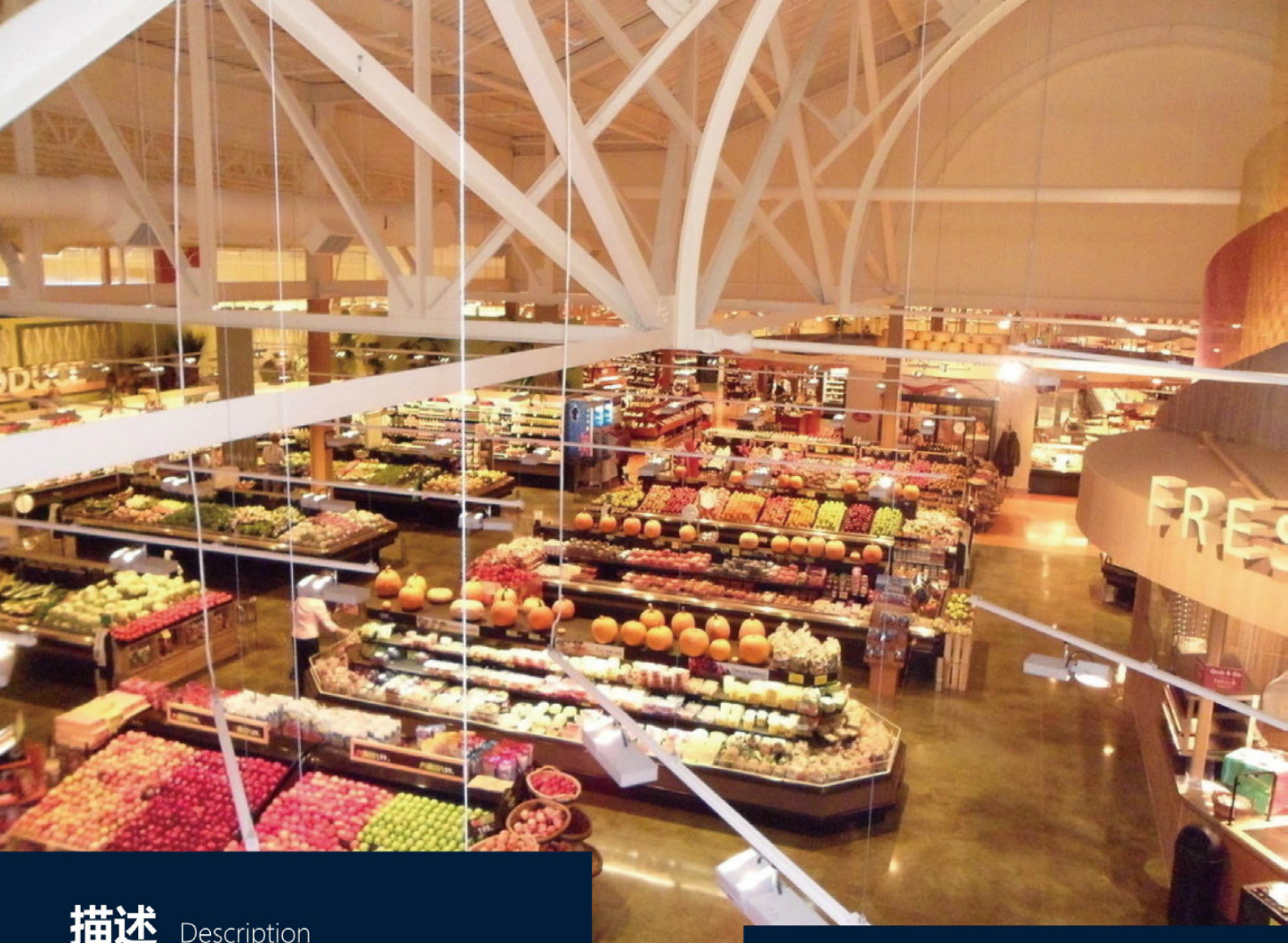
中温 12 40 HP

低温 10 40 HP



BEIJER REF

Scroll Rack
BRN Series



描述 Description

稳定可靠

Stable and reliable

- 知名品牌核心部件, 并经过严格的资格审查。
- High quality and famous key parts with strict supplier audit.
- 配置电子式油位控制器, 保证机组回油稳定性。
- Standard configured electric oil level switch to ensure the stability of the unit return oil.
- 机组中某台压缩机在维护或出现故障时, 其他压缩机可继续正常工作, 保证应用不受影响。
- If one compressor has broken, other compressors also can work continually.

结构紧凑灵活

Structure compact and flexible

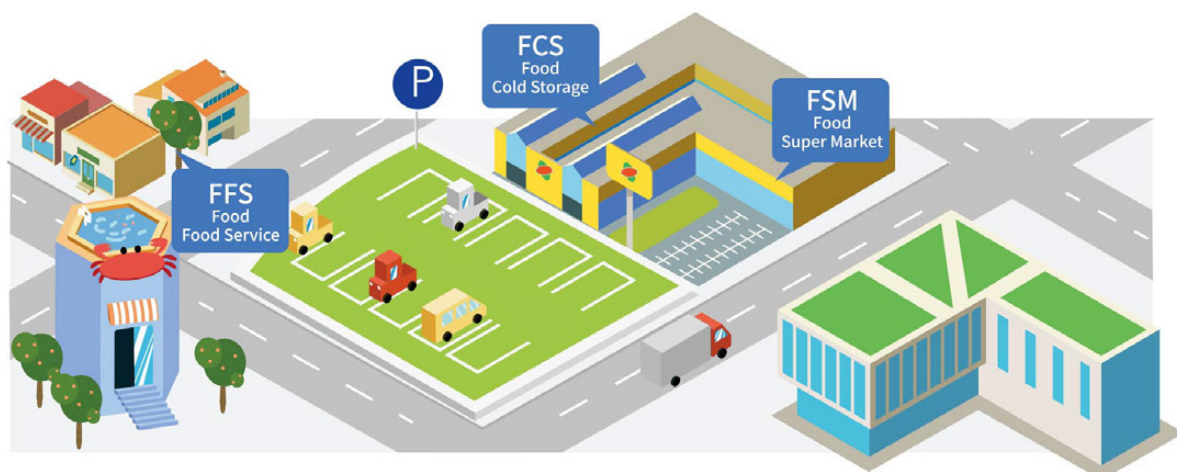
- 多台压缩机共用油分离器、冷凝器、储液器和控制系统等。
- Share oil separator, condenser, liquid receiver and control system.
- 使用带储油功能的油分离器, 管路结构更紧凑。
- Unify configured oil separator with storage function which can make pipeline structure more compact.
- 水冷冷凝器与储液器一体化的设计使结构更紧凑。
- Unify water cooled condenser and liquid receiver to make the structure compact.
- 模块化设计, 优化各部件的排布空间, 考虑到维修便捷性的同时机组设计更紧凑。
- Modular design which can optimize the arrangement of parts, taking both convenience of the maintenance and compact design into consideration.

节能

High efficiency and saving energy

- 采用涡旋压缩机, 降低了能耗, 节约了运行费用。
- Design High quality and efficiency scroll compressor, reduce the energy consumption, and save the operation cost.
- 在日常部分负荷情况下, 控制器自动切换为自适应控制模式, 为终端用户节能。
- In the case of daily partial load, the controller automatically switches to adaptive control mode to save energy for end users.
- 优化后的管路设计, 降低管路压力损失, 提高机组效率。
- Accurate pipeline design, reduce pipeline pressure drop, improve unit efficiency.
- 可配比不等匹数压缩机和数码涡旋压缩机提供更多的调节级数, 冷量输出更加平滑的动态匹配实际负荷。
- Using different compressors and digital scroll rack in the same system and balance dynamic cooling capacity output.

市场范围 Market Segments



• 餐饮 Food Service

• 超市 Super Market

• 冷冻冷藏 Cold Storage

命名规则 Nomenclature

涡旋并联机组
SCROLL RACK

B₍₁₎ **R**₍₂₎ **N**₍₃₎ **2**₍₄₎ **12**₍₅₎ **M**₍₆₎ **Z2**₍₇₎ **W**₍₈₎ - **XXX**₍₉₎

(1) 公司名称

(2) R:并联机组

(3) N:系列名

(4) 2:压缩机数量

(5) 12:总匹数

(6) M:中温

L:低温

(7) Z2:压缩机代码

(8) W:水冷系列

A:风冷系列

(9) 选项

C:冷凝压力调节

D:380V/3Ph/50Hz, J:230V/3Ph/60Hz

F:冷凝风扇控制

G:汽分

L:低液位报警

N:可定制支路

P:可编程控制器+触摸屏

Y:聚酯油,空白:矿物油

(1)Beijer Ref

(2)R:Rack

(3)N:Series Name

(4)2:Compressor No.

(5)12:Total HP

(6)M:Medium Temp

L:Low Temp

(7)Z2:Compressor Code.

(8)W:Water Cooled Series

A: Air Cooled Series

(9)Options

C:Condensing Pressure Regulating

D:380V/3Ph/50Hz, J:230V/3Ph/60Hz

F:Condenser Fan Control

G:Suction Accumulator

L:Low Liquid Level Alarm

N:Customized Branches

P:PLC+Touch Screen

Y:Polyester,Blank:Mineral Oil

涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-15	-10	-5	0	-15	-10	-5	0
BRN212MZ2A-DY	16.6	20.1	24.2	28.8	9.5	9.5	9.5	9.4
BRN216MZ2A-DY	21.5	26.6	32.1	38.3	12.6	12.6	12.7	12.8
BRN220MZ2A-DY	29.2	35.5	42.8	50.8	16.3	16.4	16.6	16.7
BRN324MZ2A-DY	32.3	39.9	48.2	57.5	19.0	19.0	19.1	19.2
BRN330MZ2A-DY	43.8	53.3	64.2	76.2	24.5	24.7	24.9	25.1
BRN436MZ2A-DY	49.6	60.0	71.8	85.2	28.1	28.2	28.4	28.6
BRN440MZ2A-DY	58.4	71.0	85.6	101.6	32.6	32.9	33.2	33.4

其他技术参数(R404A)

Other Technical Data (R404A)

中温

MT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	mm		
BRN212MZ2A-DY	12	2	24	22	35	22	1	1	1
BRN216MZ2A-DY	16	2	30	28	42	22	1	1	1
BRN220MZ2A-DY	20	2	39	28	42	28	1	1	1
BRN324MZ2A-DY	24	3	46	35	54	28	1	1	1
BRN330MZ2A-DY	30	3	59	35	54	35	1	1	1
BRN436MZ2A-DY	36	4	68	42	65	35	1	1	1
BRN440MZ2A-DY	40	4	78	42	65	42	1	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率(R22)

Capacity and Input Power (R22)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-10	-7	-5	0	-10	-7	-5	0
BRN212MZ2A-D	19.4	21.8	23.6	28.3	8.4	8.4	8.4	8.5
BRN216MZ2A-D	24.2	27.8	30.3	37.1	10.9	10.9	10.9	10.9
BRN220MZ2A-D	33.8	38.2	41.2	49.8	14.1	14.2	14.3	14.4
BRN324MZ2A-D	36.3	41.7	45.5	55.7	16.4	16.4	16.4	16.4
BRN330MZ2A-D	50.7	57.3	61.8	74.7	21.2	21.3	21.4	21.5
BRN436MZ2A-D	57.4	64.8	70.0	84.4	24.0	24.0	24.1	24.3
BRN440MZ2A-D	67.6	76.4	82.4	99.6	28.3	28.4	28.5	28.7

其他技术参数(R22)

Other Technical Data (R22)

中温

MT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	mm		
BRN212MZ2A-D	12	2	21	22	35	22	1	1	1
BRN216MZ2A-D	16	2	30	28	42	22	1	1	1
BRN220MZ2A-D	20	2	38	28	42	28	1	1	1
BRN324MZ2A-D	24	3	44	35	54	28	1	1	1
BRN330MZ2A-D	30	3	57	35	54	35	1	1	1
BRN436MZ2A-D	36	4	64	42	65	35	1	1	1
BRN440MZ2A-D	40	4	76	42	65	42	1	1	1

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45℃，制冷剂R22。
Nominal cooling capacity and input power are based on condensing temperature +45℃ and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

低温

LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2A-DY	2.9	6.0	7.5	9.2	11.2	3.6	6.2	6.5	6.8	7.1
BRN212LZ2A-DY	3.7	7.3	9.1	11.1	13.5	4.4	7.4	7.7	8.0	8.3
BRN315LZ2A-DY	4.4	9.0	11.3	13.8	16.9	5.4	9.3	9.8	10.2	10.7
BRN318LZ2A-DY	5.6	11.0	13.6	16.7	20.2	6.6	11.1	11.5	11.9	12.4
BRN420LZ2A-DY	5.8	12.0	15.0	18.4	22.5	7.2	12.4	13.0	13.6	14.2
BRN424LZ2A-DY	7.4	14.7	18.2	22.2	26.9	8.8	14.8	15.4	15.9	16.6
BRN330LZ2A-DY	17.2	17.6	22.0	27.1	32.9	18.4	16.2	17.2	18.1	19.1
BRN339LZ2A-DY	22.2	22.6	28.0	34.2	41.3	23.3	20.6	21.8	23.0	24.3
BRN440LZ2A-DY	22.9	23.4	29.4	36.1	43.8	24.5	21.6	22.9	24.2	25.4

其他技术参数(R404A)

Other Technical Data (R404A)

低温

LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	mm	mm	mm
BRN210LZ2A-DY	10	2	18	16	35	16	1	1	1
BRN212LZ2A-DY	12	2	20	16	35	16	1	1	1
BRN315LZ2A-DY	15	3	26	22	42	22	1	1	1
BRN318LZ2A-DY	18	3	30	22	42	22	1	1	1
BRN420LZ2A-DY	20	4	35	28	42	22	1	1	1
BRN424LZ2A-DY	24	4	40	28	42	22	1	1	1
BRN330LZ2A-DY	30	3	51	35	54	28	1	1	1
BRN339LZ2A-DY	39	3	65	35	54	28	1	1	1
BRN440LZ2A-DY	40	4	68	35	65	28	1	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率(R22)
Capacity and Input Power (R22)

低温
LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2A-D	4.9	6.2	7.7	9.5	11.6	6.2	6.4	6.6	6.8	7.0
BRN212LZ2A-D	5.6	7.2	9.0	11.2	13.8	8.0	8.1	8.3	8.5	8.7
BRN315LZ2A-D	7.3	9.2	11.6	14.3	17.5	9.4	9.6	9.9	10.2	10.6
BRN318LZ2A-D	8.4	10.7	13.5	16.8	20.6	12.0	12.2	12.4	12.7	13.1
BRN420LZ2A-D	9.8	12.3	15.4	19.0	23.3	12.5	12.8	13.2	13.6	14.1
BRN424LZ2A-D	11.2	14.3	18.0	22.4	27.5	16.0	16.2	16.6	17.0	17.4
BRN330LZ2A-D	13.4	17.5	22.2	27.7	34.2	15.9	16.8	17.7	18.5	19.4
BRN339LZ2A-D	16.2	20.9	26.3	32.6	39.9	19.5	20.6	21.7	22.7	23.8
BRN440LZ2A-D	17.9	23.3	29.6	36.9	45.6	21.2	22.4	23.6	24.7	25.8

其他技术参数(R22)
Other Technical Data of (R22)

低温
LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	mm	mm	mm
BRN210LZ2A-D	10	2	18	16	35	16	1	1	1
BRN212LZ2A-D	12	2	20	16	35	16	1	1	1
BRN315LZ2A-D	15	3	26	22	42	22	1	1	1
BRN318LZ2A-D	18	3	30	22	42	22	1	1	1
BRN420LZ2A-D	20	4	35	28	42	22	1	1	1
BRN424LZ2A-D	24	4	40	28	42	22	1	1	1
BRN330LZ2A-D	30	3	51	35	54	28	1	1	1
BRN339LZ2A-D	39	3	65	35	54	28	1	1	1
BRN440LZ2A-D	40	4	68	35	65	28	1	1	1

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R404A。
Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-15	-10	-5	0	-15	-10	-5	0
BRN212MZ2W-DY	18.1	21.9	26.3	31.4	8.5	8.5	8.4	8.4
BRN216MZ2W-DY	23.6	28.9	34.8	41.6	11.3	11.3	11.4	11.5
BRN220MZ2W-DY	31.8	38.6	46.4	55.2	14.6	14.8	15.0	15.1
BRN324MZ2W-DY	35.4	43.4	52.2	62.4	16.9	17.0	17.2	17.3
BRN330MZ2W-DY	47.7	57.9	69.6	82.8	21.9	22.2	22.4	22.7
BRN436MZ2W-DY	54.0	65.2	78.2	92.8	25.2	25.4	25.6	25.8
BRN440MZ2W-DY	63.6	77.2	92.8	110.4	29.2	29.6	29.9	30.2

其他技术参数(R404A)

Other Technical Data (R404A)

中温

MT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				进/出水 Water Inlet/Outlet Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BRN212MZ2W-DY	12	2	24	法兰DN32	35	22	1	1	1
BRN216MZ2W-DY	16	2	30	法兰DN40	42	22	1	1	1
BRN220MZ2W-DY	20	2	39	法兰DN40	42	28	1	1	1
BRN324MZ2W-DY	24	3	46	法兰DN50	54	28	1	1	1
BRN330MZ2W-DY	30	3	59	法兰DN50	54	35	1	1	1
BRN436MZ2W-DY	36	4	68	法兰DN65	65	35	1	1	1
BRN440MZ2W-DY	40	4	78	法兰DN65	65	42	1	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+40°C，制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +40°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率(R22)

Capacity and Input Power (R22)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-10	-7	-5	0	-10	-7	-5	0
BRN212MZ2W-D	20.5	23.1	24.9	30.0	7.5	7.5	7.5	7.6
BRN216MZ2W-D	25.9	29.6	32.2	39.2	9.8	9.8	9.8	9.8
BRN220MZ2W-D	35.6	40.2	43.4	52.4	12.6	12.7	12.7	12.8
BRN324MZ2W-D	38.9	44.4	48.3	58.8	14.6	14.6	14.6	14.7
BRN330MZ2W-D	53.4	60.3	65.1	78.6	18.9	19.0	19.1	19.3
BRN436MZ2W-D	60.4	68.2	73.8	88.8	21.4	21.6	21.6	21.9
BRN440MZ2W-D	71.2	80.4	86.8	104.8	25.2	25.4	25.4	25.7

其他技术参数(R22)

Other Technical Data (R22)

中温

MT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				进/出水 Water Inlet/Outlet Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
			A						
BRN212MZ2W-D	12	2	21	法兰DN32	35	22	1	1	1
BRN216MZ2W-D	16	2	30	法兰DN40	42	22	1	1	1
BRN220MZ2W-D	20	2	38	法兰DN40	42	28	1	1	1
BRN324MZ2W-D	24	3	44	法兰DN50	54	28	1	1	1
BRN330MZ2W-D	30	3	57	法兰DN50	54	35	1	1	1
BRN436MZ2W-D	36	4	64	法兰DN65	65	35	1	1	1
BRN440MZ2W-D	40	4	76	法兰DN65	65	42	1	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+40°C，制冷剂R22。

Nominal cooling capacity and input power are based on condensing temperature +40°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

低温

LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2W-DY	5.1	6.5	8.2	10.1	12.3	5.4	5.6	5.9	6.2	6.5
BRN212LZ2W-DY	6.3	8.0	9.9	12.1	14.7	6.6	6.8	7.1	7.3	7.7
BRN315LZ2W-DY	7.6	9.8	12.2	15.2	18.5	8.0	8.5	8.9	9.3	9.7
BRN318LZ2W-DY	9.4	11.9	14.8	18.1	22.0	9.9	10.2	10.6	11.0	11.5
BRN420LZ2W-DY	10.1	13.0	16.3	20.2	24.7	10.7	11.3	11.8	12.4	13.0
BRN424LZ2W-DY	12.6	15.9	19.7	24.2	29.4	13.2	13.6	14.1	14.7	15.3
BRN330LZ2W-DY	14.8	19.1	23.9	29.5	35.9	14.1	15.0	15.8	16.7	17.6
BRN339LZ2W-DY	19.2	24.5	30.3	37.1	45.0	17.9	19.0	20.2	21.4	22.6
BRN440LZ2W-DY	19.7	25.4	31.9	39.3	47.8	18.8	20.0	21.1	22.3	23.5

其他技术参数(R404A)

Other Technical Data (R404A)

低温

LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				进/出水 Water Inlet/Outlet Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BRN210LZ2W-DY	10	2	18	G1"	35	16	1	1	1
BRN212LZ2W-DY	12	2	20	法兰DN32	35	16	1	1	1
BRN315LZ2W-DY	15	3	26	法兰DN32	42	22	1	1	1
BRN318LZ2W-DY	18	3	30	法兰DN32	42	22	1	1	1
BRN420LZ2W-DY	20	4	35	法兰DN32	42	22	1	1	1
BRN424LZ2W-DY	24	4	40	法兰DN40	42	22	1	1	1
BRN330LZ2W-DY	30	3	51	法兰DN40	54	28	1	1	1
BRN339LZ2W-DY	39	3	65	法兰DN50	54	28	1	1	1
BRN440LZ2W-DY	40	4	68	法兰DN50	65	28	1	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+40°C，制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +40°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率(R22)
Capacity and Input Power (R22)

低温
LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2W-D	5.1	6.5	8.1	10.0	12.2	5.8	5.9	6.1	6.3	6.5
BRN212LZ2W-D	5.9	7.5	9.5	11.8	14.5	7.4	7.5	7.6	7.8	8.0
BRN315LZ2W-D	7.7	9.7	12.1	15.0	18.3	8.7	8.9	9.2	9.5	9.8
BRN318LZ2W-D	8.9	11.3	14.2	17.6	21.7	11.0	11.3	11.5	11.7	12.1
BRN420LZ2W-D	10.2	12.9	16.2	20.0	24.4	11.6	11.9	12.2	12.6	13.1
BRN424LZ2W-D	11.8	15.1	18.9	23.5	28.9	14.7	15.0	15.3	15.6	16.1
BRN330LZ2W-D	14.3	18.5	23.4	29.1	35.9	14.9	15.6	16.4	17.1	17.9
BRN339LZ2W-D	17.3	22.1	27.6	34.2	41.9	18.2	19.1	20.1	21.1	22.1
BRN440LZ2W-D	19.1	24.6	31.2	38.8	47.8	19.8	20.8	21.8	22.8	23.8

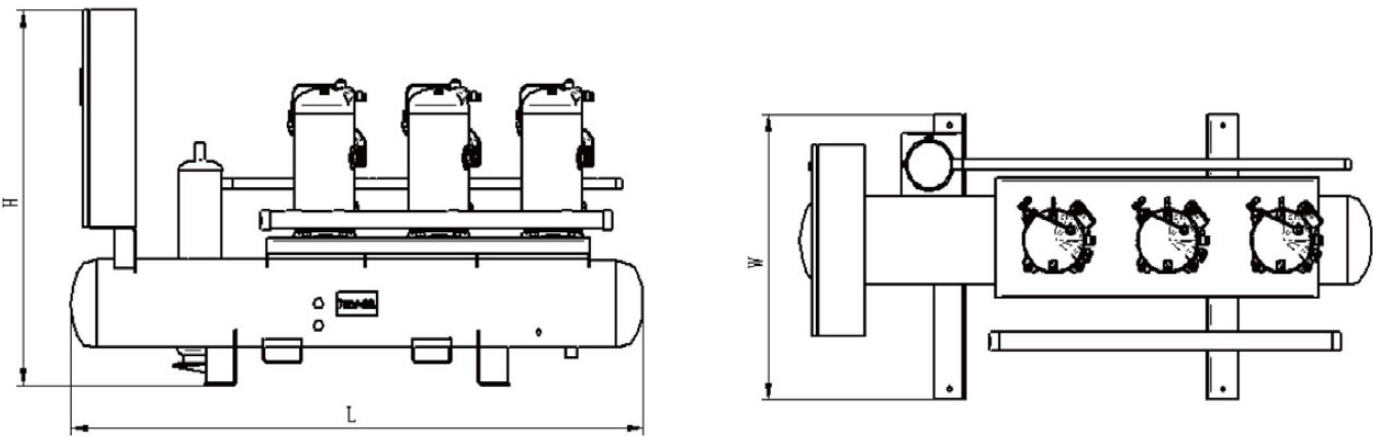
其他技术参数(R22)
Other Technical Data (R22)

低温
LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve		
				进/出水 Water Inlet/Outlet Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
			A						
BRN210LZ2W-D	10	2	16	G1"	35	16	1	1	1
BRN212LZ2W-D	12	2	18	法兰DN32	35	16	1	1	1
BRN315LZ2W-D	15	3	24	法兰DN32	42	22	1	1	1
BRN318LZ2W-D	18	3	26	法兰DN32	42	22	1	1	1
BRN420LZ2W-D	20	4	32	法兰DN32	42	22	1	1	1
BRN424LZ2W-D	24	4	35	法兰DN40	42	22	1	1	1
BRN330LZ2W-D	30	3	75	法兰DN40	54	28	1	1	1
BRN339LZ2W-D	39	3	84	法兰DN50	54	28	1	1	1
BRN440LZ2W-D	40	4	99	法兰DN50	65	28	1	1	1

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.
名义制冷量及输入功率基于冷凝温度+40°C，制冷剂R22。
Nominal cooling capacity and input power are based on condensing temperature +40°C and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

风冷系列尺寸图
 Dimension of Air Cooled Series

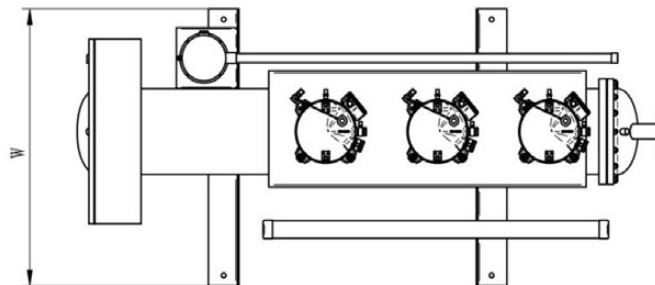
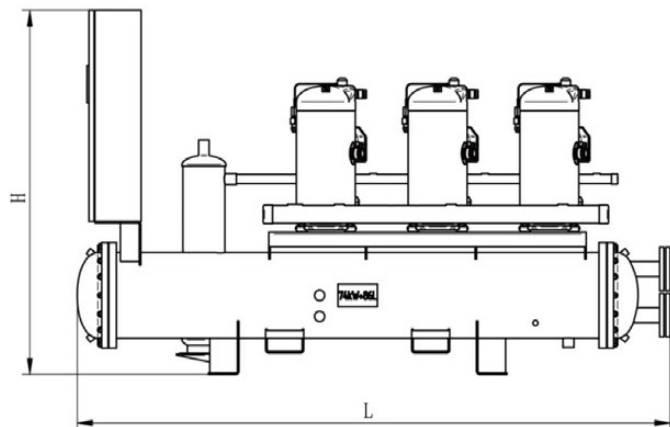


型号 Model	匹数 HP	外形尺寸 Dimension (mm)			外形尺寸* Dimension (mm)			净重 Net weight kg
		长(L)	宽(W)	高(H)	长*(L)	宽*(W)	高*(H)	
		mm	mm	mm	mm	mm	mm	
BRN212MZ2A-D(Y)	12	1692	920	1290	1921	1148	1634	460
BRN216MZ2A-D(Y)	16	1692	920	1330	1921	1148	1634	530
BRN220MZ2A-D(Y)	20	1773	920	1380	1921	1148	1634	610
BRN324MZ2A-D(Y)	24	2204	1050	1380	2352	1233	1634	710
BRN330MZ2A-D(Y)	30	2119	1050	1380	2352	1233	1634	750
BRN436MZ2A-D(Y)	36	2644	1000	1380	2792	1159	1654	850
BRN440MZ2A-D(Y)	40	2644	1000	1380	2792	1159	1654	850
BRN210LZ2A-D(Y)	10	1586	920	1290	1921	1148	1634	420
BRN212LZ2A-D(Y)	12	1672	920	1290	1921	1148	1634	440
BRN315LZ2A-D(Y)	15	2082	920	1290	2352	1233	1634	530
BRN318LZ2A-D(Y)	18	2096	920	1290	2352	1233	1634	540
BRN420LZ2A-D(Y)	20	2536	920	1290	2792	1159	1654	820
BRN424LZ2A-D(Y)	24	2556	920	1290	2792	1159	1654	730
BRN330LZ2A-D(Y)	30	2116	1050	1380	2352	1233	1634	680
BRN339LZ2A-D(Y)	39	2204	1050	1380	2352	1233	1634	720
BRN440LZ2A-D(Y)	40	2644	1000	1380	2792	1159	1654	860

*为外包装尺寸
 *Package dimension

水冷系列尺寸图

Dimension of Water Cooled Series



型号 Model	匹数 HP	外形尺寸 Dimension (mm)			外形尺寸* Dimension (mm)			净重 Net weight kg
		长(L)	宽(W)	高(H)	长*(L)	宽*(W)	高*(H)	
		mm	mm	mm	mm	mm	mm	
BRN212MZ2W-D(Y)	12	1822	920	1290	2051	1148	1634	670
BRN216MZ2W-D(Y)	16	1822	920	1330	2051	1148	1634	760
BRN220MZ2W-D(Y)	20	1903	920	1380	2051	1148	1634	900
BRN324MZ2W-D(Y)	24	2334	1050	1380	2482	1233	1634	1035
BRN330MZ2W-D(Y)	30	2249	1050	1380	2482	1233	1634	1100
BRN436MZ2W-D(Y)	36	2774	1000	1380	2922	1159	1654	1210
BRN440MZ2W-D(Y)	40	2774	1000	1380	2922	1159	1654	1215
BRN210LZ2W-D(Y)	10	1716	920	1290	2051	1148	1634	590
BRN212LZ2W-D(Y)	12	1802	920	1290	2051	1148	1634	635
BRN315LZ2W-D(Y)	15	2212	920	1290	2482	1233	1634	750
BRN318LZ2W-D(Y)	18	2226	920	1290	2482	1233	1634	765
BRN420LZ2W-D(Y)	20	2666	920	1290	2922	1159	1654	1070
BRN424LZ2W-D(Y)	24	2686	920	1290	2922	1159	1654	1005
BRN330LZ2W-D(Y)	30	2246	1050	1380	2482	1233	1634	950
BRN339LZ2W-D(Y)	39	2334	1050	1380	2482	1233	1634	1025
BRN440LZ2W-D(Y)	40	2774	1000	1380	2922	1159	1654	1220

*为外包装尺寸

*Package dimension

涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-15	-10	-5	0	-15	-10	-5	0
BRN212MZ2A1-DY	16.6	20.1	24.2	28.8	11.3	11.3	11.3	11.2
BRN216MZ2A1-DY	21.5	26.6	32.1	38.3	14.4	14.4	14.5	14.6
BRN220MZ2A1-DY	29.2	35.5	42.8	50.8	18.7	18.8	19.0	19.1
BRN324MZ2A1-DY	32.3	39.9	48.2	57.5	23.0	23.0	23.1	23.2
BRN330MZ2A1-DY	43.8	53.3	64.2	76.2	28.5	28.7	28.9	29.1

其他技术参数(R404A)

Other Technical Data (R404A)

中温

MT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)		标准支管路数量 No. of Branch Line Ball Valve	
				回汽 Suction Pipe	供液 Liquid Pipe	回汽 Suction Pipe	供液 Liquid Pipe
			A	mm	mm		
BRN212MZ2A1-DY	12	2	32	35	22	1	1
BRN216MZ2A1-DY	16	2	38	42	22	1	1
BRN220MZ2A1-DY	20	2	50	42	28	1	1
BRN324MZ2A1-DY	24	3	54	54	28	1	1
BRN330MZ2A1-DY	30	3	67	54	35	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.



制冷量与输入功率(R22)

Capacity and Input Power (R22)

中温

MT

型号 Model	制冷量 Capacity(kW)				功率 Input Power(kW)			
	蒸发温度 SET(°C)				蒸发温度 SET(°C)			
	-10	-7	-5	0	-10	-7	-5	0
BRN212MZ2A1-D	19.4	21.8	23.6	28.3	10.2	10.2	10.2	10.3
BRN216MZ2A1-D	24.2	27.8	30.3	37.1	12.7	12.7	12.7	12.7
BRN220MZ2A1-D	33.8	38.2	41.2	49.8	16.9	17.0	17.1	17.2
BRN324MZ2A1-D	36.3	41.7	45.5	55.7	20.4	20.4	20.4	20.4
BRN330MZ2A1-D	50.7	57.3	61.8	74.7	25.2	25.3	25.4	25.5

其他技术参数(R22)

Other Technical Data (R22)

低温

LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)		标准支管路数量 No. of Branch Line Ball Valve	
				回汽 Suction Pipe	供液 Liquid Pipe	回汽 Suction Pipe	供液 Liquid Pipe
			A	mm	mm		
BRN212MZ2A1-DY	12	2	29	35	22	1	1
BRN216MZ2A1-DY	16	2	38	42	22	1	1
BRN220MZ2A1-DY	20	2	48	42	28	1	1
BRN324MZ2A1-DY	24	3	52	54	28	1	1
BRN330MZ2A1-DY	30	3	65	54	35	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R22。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe lose is considered in the system, only add 10% capacity.



涡旋并联机组 Scroll Rack

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

低温

LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2A1-DY	2.9	6.0	7.5	9.2	11.2	4.8	7.4	7.7	8.0	8.3
BRN212LZ2A1-DY	3.7	7.3	9.1	11.1	13.5	5.6	5.6	5.6	5.6	5.6
BRN315LZ2A1-DY	4.4	9.0	11.3	13.8	16.9	7.5	11.4	11.8	12.3	12.7
BRN318LZ2A1-DY	5.6	11.0	13.6	16.7	20.2	8.4	14.9	15.2	15.7	16.1
BRN420LZ2A1-DY	5.8	12.0	15.0	18.4	22.5	10.2	15.4	16.0	16.6	17.2
BRN424LZ2A1-DY	7.4	14.7	18.2	22.2	26.9	10.6	19.2	19.7	20.3	20.9
BRN330LZ2A1-DY	17.2	17.6	22.0	27.1	32.9	20.8	18.6	19.6	20.5	21.5
BRN339LZ2A1-DY	22.2	22.6	28.0	34.2	41.3	25.7	23.0	24.2	25.4	26.7
BRN440LZ2A1-DY	22.9	23.4	29.4	36.1	43.8	26.9	24.0	25.3	26.6	27.8

其他技术参数(R404A)

Other Technical Data (R404A)

低温

LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)		标准支管路数量 No. of Branch Line Ball Valve	
				回汽 Suction Pipe	供液 Liquid Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	
BRN210LZ2A1-DY	10	2	20	35	16	1	1
BRN212LZ2A1-DY	12	2	25	35	16	1	1
BRN315LZ2A1-DY	15	3	32	42	22	1	1
BRN318LZ2A1-DY	18	3	38	42	22	1	1
BRN420LZ2A1-DY	20	4	43	42	22	1	1
BRN424LZ2A1-DY	24	4	48	42	22	1	1
BRN330LZ2A1-DY	30	3	61	54	28	1	1
BRN339LZ2A1-DY	39	3	75	54	28	1	1
BRN440LZ2A1-DY	40	4	78	65	28	1	1

机组供电380V/3P/50Hz.

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C, 制冷剂R404A。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度, 请联系我们公司当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数均为净有效值, 在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率(R22)

Capacity and Input Power (R22)

低温

LT

型号 Model	制冷量 Capacity(kW)					功率 Input Power(kW)				
	蒸发温度 SET(°C)					蒸发温度 SET(°C)				
	-40	-35	-30	-25	-20	-40	-35	-30	-25	-20
BRN210LZ2A1-D	4.9	6.2	7.7	9.5	11.6	6.8	7.0	7.2	7.4	7.6
BRN212LZ2A1-D	5.6	7.2	9.0	11.2	13.8	9.2	5.6	5.6	5.6	5.6
BRN315LZ2A1-D	7.3	9.2	11.6	14.3	17.5	10.6	10.8	11.1	11.4	11.8
BRN318LZ2A1-D	8.4	10.7	13.5	16.8	20.6	13.8	14.0	14.2	14.5	14.9
BRN420LZ2A1-D	9.8	12.3	15.4	19.0	23.3	14.3	14.6	15.0	15.4	15.9
BRN424LZ2A1-D	11.2	14.3	18.0	22.4	27.5	17.8	18.0	18.4	18.8	19.2
BRN330LZ2A1-D	13.4	17.5	22.2	27.7	34.2	18.3	19.2	20.1	20.9	21.8
BRN339LZ2A1-D	16.2	20.9	26.3	32.6	39.9	21.9	23.0	24.1	25.1	26.2
BRN440LZ2A1-D	17.9	23.3	29.6	36.9	45.6	23.6	24.8	26.0	27.1	28.2

其他技术参数(R22)

Other Technical Data (R22)

低温

LT

型号 Model	匹数 HP	压缩机数量 Compressor Qty	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)		标准支管路数量 No. of Branch Line Ball Valve	
				回汽 Suction Pipe	供液 Liquid Pipe	回汽 Suction Pipe	供液 Liquid Pipe
				A	mm	mm	
BRN210LZ2A1-D	10	2	18	35	16	1	1
BRN212LZ2A1-D	12	2	23	35	16	1	1
BRN315LZ2A1-D	15	3	29	42	22	1	1
BRN318LZ2A1-D	18	3	34	42	22	1	1
BRN420LZ2A1-D	20	4	39	42	22	1	1
BRN424LZ2A1-D	24	4	43	42	22	1	1
BRN330LZ2A1-D	30	3	85	54	28	1	1
BRN339LZ2A1-D	39	3	95	54	28	1	1
BRN440LZ2A1-D	40	4	110	65	28	1	1

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于冷凝温度+45°C，制冷剂R22。

Nominal cooling capacity and input power are based on condensing temperature +45°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

轻型活塞并联机组

BMR系列



中低温 36 69 HP

中高温 24 90 HP



BEIJER REF

BMR Semi- Hermetic Rack

BMR Series



描述 Description

稳定可靠

Stable and reliable

- 知名压缩机。
- High quality and world famous compressors.
- 机组中某台压缩机故障时，其他压缩机仍可继续正常工作。
- If one compressor has broken, other compressor also can work continually.
- 每台机组出厂均标配控制器，自动调节压缩机运行时间，延长压缩机使用寿命。
- Standard products are configured controller which can regulate the running time of compressors automaticly and extend compressor service life.
- 汽液分离设计免液击。
- Special design for suction accumulator can maximize avoiding liquid impact.

节能

High efficiency and saving energy

- 在日常部分负荷情况下，控制器自动切换为自适应控制模式，为终端用户节能。
- In the case of daily partial load, the controller automatically switches to adaptive control mode to save energy for end users.
- 优化后的管路设计，降低管路压力损失，提高机组效率。
- Accurate pipeline design, reduce pipeline pressure drop, improve unit efficiency.
- 可配比不等大小压缩机，提供更多的调节级数，冷量输出可以更加平滑地动态匹配实际负荷。
- Can use different compressors in the same system and balance dynamic cooling capacity output.



结构紧凑灵活

Structure compact and Flexible

- 多台压缩机共享油分离器、冷凝器、储液器、控制系统及框架。
- Share oil separator, condenser, liquid receiver, control system and frame.
- 安装空间的减少可以为大型超市和冷库提供更大的商用空间，进一步为终端用户创造价值。
- Reduce installation space and create more value for end-user.
- 自动化程度高。
- Highly - automated.
- 微电脑控制并联机组实时匹配动态负载，降低蒸发压力波动。
- Micro-computer control parallel unit real-time dynamic load which can result in decreasing fluctuation of evaporating pressure.
- 可选用远程监控，自动化运行。
- Through remote monitoring, achieve system running automatically.

市场范围 Market Segments



命名规则 Nomenclature

轻型活塞并联机组
BMR Semi-Hermetic Rack

BMR₍₁₎₍₂₎ **60**₍₃₎ **-S**₍₄₎ **M**₍₅₎ **-Y**₍₆₎

(1) BMR:小型并联机组轻型机架	(1)BMR:Small light Frame
(2) 3:压缩机数量	(2)3:Compressor No.
(3) 60:总匹数	(3)60:Total HP
(4) S:单级压缩	(4)S:Single stage
(5) M:中温(蒸发温度:-25~-5℃)	(5)M:Medium Temp(Evaporating temp. range: -25~-5℃)
L:低温(蒸发温度:-45~-25℃)	L:Low Temp(Evaporating temp. range: -45~-25℃)
(6) 润滑油种类	(6)Types of oil
空白:矿物油	Blank:Mineral Oil(R22)
Y:聚酯油	Y:Polyester Oil(R404A,R507A)

产品概述

Product overview

- 标准配置控制器可以自动调节压缩机的运行时间,延长寿命。
- Standard configured controller can automatically regulate the running time among compressors and extend the lifetime.
- 标准配置控制器可以根据不同的负载调节压缩机的运转周期,为用户节省更多电力。
- Standard configured controller can regulate the on-off cycle of compressors according to different load which saves more electricity for end-users.
- 采用高效油分离器,润滑油只有很少一部分进入系统,提高了换热器的效率。
- Apply high efficient oil separator, tremendously decrease the oil into system which can improve the efficiency of heat exchangers.
- 电子控制器实现实时负荷控制,减少蒸发压力波动。
- Electronic controller achieves real-time load control. It helps decreasing the fluctuation of evaporating pressure.

轻型活塞并联机组 BMR Semi- Hermetic Rack

制冷量与输入功率参数 (R22)
Capacity and Input Power (R22)

中高温
MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET -5°C		蒸发温度SET 0°C		蒸发温度SET 5°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BMR224-SM	4TES-12	2	31.84	14.78	40.40	16.30	50.40	17.66	62.80	18.84	75.80	19.78
BMR230-SM	4PES-15	2	35.98	16.64	46.00	18.46	57.60	20.10	72.20	21.52	87.40	22.66
BMR240-SM	4NES-20	2	42.80	19.72	54.40	21.76	68.00	23.62	85.00	25.20	102.60	26.48
BMR250-SM	4HE-25	2	57.60	26.66	72.80	29.32	90.80	31.72	113.00	33.78	136.20	35.42
BMR260-SM	4GE-30	2	67.20	30.88	84.80	33.86	105.20	36.56	131.00	38.88	157.60	40.80
BMR345-SM	4PES-15	3	53.97	24.96	69.00	27.69	86.40	30.15	108.30	32.28	131.10	33.99
BMR360-SM	4NES-20	3	64.20	29.58	81.60	32.64	102.00	35.43	127.50	37.80	153.90	39.72
BMR375-SM	4HE-25	3	86.40	39.99	109.20	43.98	136.20	47.58	169.50	50.67	204.30	53.13
BMR390-SM	4GE-30	3	100.80	46.32	127.20	50.79	157.80	54.84	196.50	58.32	236.40	61.20

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.
名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R22。
Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数均为净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数 (R22)
Other Technical Data (R22)

中高温
MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			外形尺寸 Dimension (mm)			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	长(L) 长(L)	宽(W) 宽(W)	高(H) 高(H)		
			mm	mm	mm	Pipe	Pipe	Pipe	mm	mm	mm		
BMR224-SM	24	34	28	54	22	1	0	1	1600	1100	1750	N	2800
BMR230-SM	30	40	35	54	28	1	0	1	1850	1100	1750	N	3400
BMR240-SM	40	47	35	67	28	1	0	1	1850	1100	1750	N	4200
BMR250-SM	50	60	42	67	35	1	0	1	1700	1100	1750	N	5200
BMR260-SM	60	73	42	79	35	1	0	1	1700	1100	1750	N	5400
BMR345-SM	45	60	42	67	35	1	0	1	2350	1100	1750	N	6100
BMR360-SM	60	71	42	79	35	1	0	1	2200	1100	1750	N	6200
BMR375-SM	75	90	54	2*67	2*28	1	2	2	2700	1200	1750	N	8000
BMR390-SM	90	109	54	2*67	2*28	1	2	2	2700	1100	1750	N	9400

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组 (R22) 预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
BMR为轻型框架并联机组，并有无吸气球阀及电子低液位警报的型号。 BMR is Small Light Franme Rack System , Only for Rack System without suction valve and electronic liquid level alarm.

制冷量与输入功率参数 (R22)

Capacity and Input Power (R22)

中低温

MT&LT

型号 Model	压缩机 Compressor		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		蒸发温度SET -20°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BMR236-SL	4HE-18	2	10.74	11.70	16.64	14.82	23.86	17.84	32.60	20.84	44.20	23.56
BMR246-SL	4GE-23	2	12.56	14.20	19.42	17.90	27.74	21.54	37.82	24.98	53.20	28.64
BMR354-SL	4HE-18	3	16.11	17.55	24.96	22.23	35.79	26.76	48.90	31.26	66.30	35.34
BMR369-SL	4GE-23	3	18.84	21.30	29.13	26.85	41.61	32.31	56.73	37.47	79.80	42.96

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于环境温度+38°C, 冷凝温度+45°C, 制冷剂R22。

Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度, 请联系我们公司当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值, 在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe loss is considered in the system, only add 10% capacity.

其他技术参数 (R22)

Other Technical Data (R22)

中低温

MT&LT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
		A	mm	mm	mm				有Y/无N	kg
BMR236-SL	36	38	16	54	16	1	0	1	N	1600
BMR246-SL	46	44	22	54	16	1	0	1	N	1800
BMR354-SL	54	57	22	67	22	1	0	1	N	2400
BMR369-SL	69	66	28	79	22	1	0	1	N	2800

所有机组对外管路尺寸可根据客户需求定制。

All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.

所有标准机组 (R22) 预先充注矿物油, R404A机组预先充注聚酯油。

All rack system using R22 should be charged mineral oil in advance, otherwise polyester.

外形尺寸为标准, 如果有特殊要求请联系我公司当地代表处。

If you have special requirement for dimension, please contact local representative office of our company.

BMR为轻型框架并联机组, 部分代表无吸气球阀及电子低液位报警的型号。

BMR is Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.



制冷量与输入功率参数 (R404A)
Capacity and Input Power (R404A)

中高温
MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET -5°C		蒸发温度SET 0°C		蒸发温度SET 5°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BMR224-SMY	4TES-12Y	2	29.82	16.26	38.24	18.04	48.40	19.72	63.00	21.20	76.00	22.46
BMR230-SMY	4PES-15Y	2	33.48	18.18	43.20	20.34	55.00	22.34	72.20	24.14	87.60	25.66
BMR240-SMY	4NES-20Y	2	40.80	22.00	52.20	24.40	66.00	26.64	86.00	28.64	103.80	30.32
BMR250-SMY	4HE-25Y	2	54.80	29.40	69.60	32.38	87.00	35.18	112.40	37.74	134.40	39.96
BMR260-SMY	4GE-30Y	2	63.20	33.98	79.80	37.42	99.80	40.60	128.60	43.60	153.80	46.20
BMR345-SMY	4PES-15Y	3	50.22	27.27	64.80	30.51	82.50	33.51	108.30	36.21	131.40	38.49
BMR360-SMY	4NES-20Y	3	61.20	33.00	78.30	36.60	99.00	39.96	129.00	42.96	155.70	45.48
BMR375-SMY	4HE-25Y	3	82.20	44.10	104.40	48.57	130.50	52.77	168.60	56.61	201.60	59.94
BMR390-SMY	4GE-30Y	3	94.80	50.97	119.70	56.13	149.70	60.90	192.90	65.40	230.70	69.30

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.
名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R404A。
Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数 (R404A)
Other Technical Data (R404A)

中高温
MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			外形尺寸 Dimension (mm)			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	长(L) mm	宽(W) mm	高(H) mm		
		A	mm	mm	mm	Pipe	Pipe	Pipe	mm	mm	mm	有Y/无N	kg
BMR224-SMY	24	38	28	54	28	1	0	1	1850	1100	1750	N	750
BMR230-SMY	30	45	35	54	28	1	0	1	1700	1100	1750	N	900
BMR240-SMY	40	52	35	67	35	1	0	1	1700	1100	1750	N	900
BMR250-SMY	50	69	42	67	35	1	0	1	2200	1100	1750	N	1000
BMR260-SMY	60	81	42	79	42	1	0	1	2200	1100	1750	N	1000
BMR345-SMY	45	67	35	67	35	1	0	1	2200	1100	1750	N	1050
BMR360-SMY	60	77	42	79	42	1	0	1	2700	1100	1750	N	1200
BMR375-SMY	75	103	42	2*67	2*35	1	2	2	2700	1200	1750	N	1300
BMR390-SMY	90	122	54	2*67	2*35	1	2	2	2700	1100	1750	N	1300

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
部分表示轻型框架并联机组，部分代表无吸气球阀及电子低液位报警的型号。
Only for Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

制冷量与输入功率参数 (R404A)

Capacity and Input Power (R404A)

中低温
MT<

型号 Model	压缩机 Compressor		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		蒸发温度SET -20°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BMR236-SLY	4HE-18Y	2	12.44	14.46	18.00	17.50	24.90	20.70	33.38	24.00	43.60	27.32
BMR246-SLY	4GE-23Y	2	15.38	17.42	21.74	20.92	29.64	24.66	39.34	28.54	51.20	32.48
BMR354-SLY	4HE-18Y	3	18.66	21.69	27.00	26.25	37.35	31.05	50.07	36.00	65.40	40.98
BMR369-SLY	4GE-23Y	3	23.07	26.13	32.61	31.38	44.46	36.99	59.01	42.81	76.80	48.72

机组供电380V/3P/50Hz。

Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于环境温度+38°C, 冷凝温度+45°C, 制冷剂R404A。

Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度, 请联系我们公司当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数均为净有效值, 在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe loss is considered in the system, only add 10% capacity.



其他技术参数 (R404A)

Other Technical Data(R404A)

中低温
MT<

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
			mm	mm	mm	mm	mm	mm		
BMR236-SLY	36	0	28	67	28	1	0	1	N	800
BMR246-SLY	46	0	28	67	28	1	0	1	N	950
BMR354-SLY	54	0	28	79	28	1	0	1	N	1200
BMR369-SLY	69	0	35	79	35	1	0	1	N	1300

所有机组对外管路尺寸可根据客户需求定制。

All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.

所有标准机组 (R22) 预先充注矿物油, R404A机组预先充注聚酯油。

All rack system using R22 should be charged mineral oil in advance, otherwise polyester.

外形尺寸为标准, 如果有特殊要求请联系我们公司当地代表处。

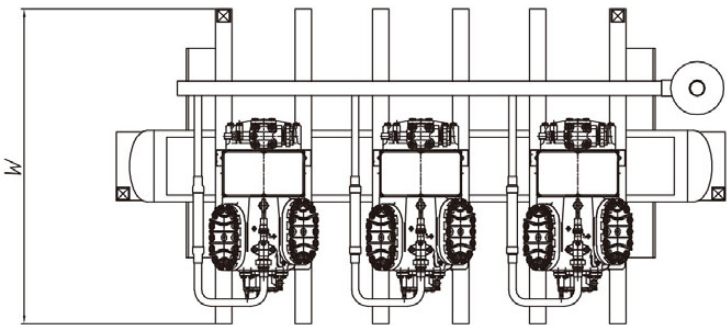
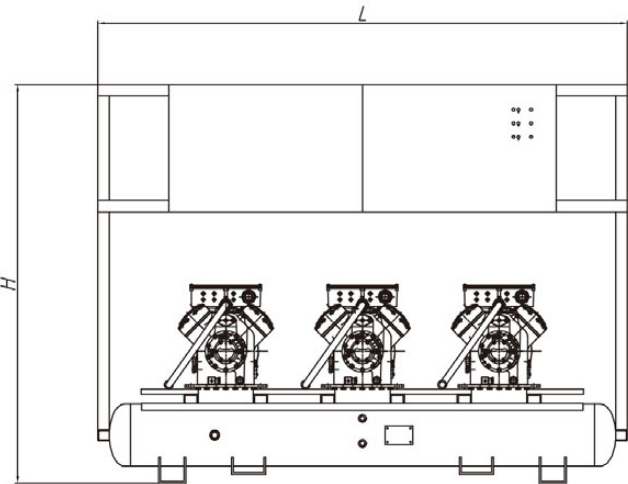
If you have special requirement for dimension, please contact local representative office of our company.

BMR为轻型框架并联机组, 部分代表无吸气球阀及电子低液位报警的型号。

BMR is Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

尺寸参数
 Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BMR224-SM	1600	1100	1750	750
BMR230-SM	1850	1100	1750	850
BMR240-SM	1850	1100	1750	850
BMR250-SM	1850	1100	1750	900
BMR260-SM	1850	1100	1750	900
BMR345-SM	2350	1100	1750	1050
BMR360-SM	2350	1100	1750	1100
BMR375-SM	2700	1200	1750	1300
BMR390-SM	2700	1100	1750	1300
BMR236-SL	1600	1100	1900	900
BMR246-SL	1850	1100	1900	950
BMR354-SL	2350	1100	1900	1200
BMR369-SL	2350	1200	1900	1300
BMR224-SMY	1850	1100	1750	750
BMR230-SMY	1850	1100	1750	900
BMR240-SMY	1850	1100	1750	900
BMR250-SMY	2200	1100	1750	1000
BMR260-SMY	2200	1100	1750	1000
BMR345-SMY	2450	1100	1750	1050
BMR360-SMY	2700	1100	1750	1200
BMR375-SMY	2700	1200	1750	1300
BMR390-SMY	2700	1100	1750	1300
BMR236-SLY	1850	1100	1750	800
BMR246-SLY	1850	1100	1750	950
BMR354-SLY	2400	1100	1750	1200
BMR369-SLY	2700	1100	1750	1300



重型活塞并联机组

BRR系列



低温 36  180 HP

中低温 56  240 HP

中高温 105  300 HP



BEIJER REF

BRR Semi-Hermetic Rack
BRR Series



描述 Description

稳定可靠

Stable and reliable

- 知名压缩机。
- High quality and world famous compressors.
- 机组中某台压缩机故障时,其他压缩机仍可继续正常工作。
- If one compressor has broken, other compressor also can work continually.
- 每台机组出厂均标配控制器,自动调节压缩机运行时间, 延长压缩机使用寿命。
- Standard products are configured controller which can regulate the running time of compressors automatically and extend compressor service life.
- 汽液分离设计免液击。
- Special design for suction accumulator can maximize avoiding liquid impact.

节能

High efficiency and saving energy

- 在日常部分负荷情况下,控制器自动切换为自适应控制模式,为终端用户节能。
- In the case of daily partial load, the controller automatically switches to adaptive control mode to save energy for end users.
- 管路设计,降低管路压力损失,提高机组效率。
- Accurate pipeline design, reduce pipeline pressure drop, improve unit efficiency.
- 可配比不等大小压缩机,提供更多的调节级数,冷量输出可以更加平滑地动态匹配实际负荷。
- Can use different compressors in the same system and balance dynamic cooling capacity output.

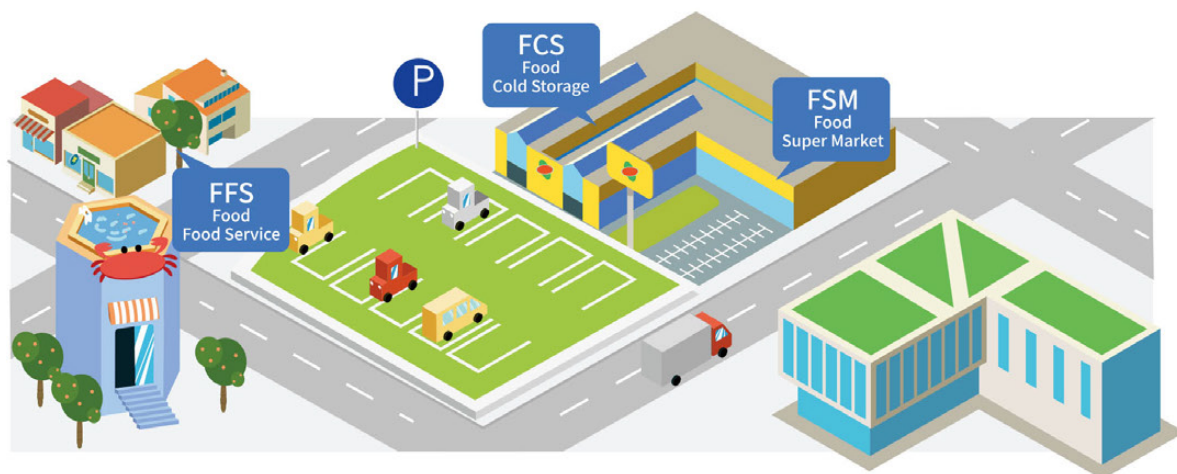


结构紧凑灵活

Structure compact and Flexible

- 多台压缩机共享油分离器、冷凝器、储液器、控制系统及框架。
- Share oil separator, condenser, liquid receiver, control system and frame.
- 安装空间的减少可以为大型超市和冷库提供更大的商用空间,进一步为终端用户创造价值。
- Reduce installation space and create more value for end-user.
- 自动化程度高。
- Highly - automated.
- 微电脑控制并联机组实时匹配动态负载,降低蒸发压力波动。
- Micro - computer control parallel unit real-time dynamic load which can result in decreasing fluctuation of evaporating pressure.
- 可选用远程监控,自动化运行。
- Through remote monitoring, achieve system running automatically.

市场范围 Market Segments



• 超市 Super Market

• 冷冻冷藏 Cold Storage

• 餐饮 Food Service

命名规则 Nomenclature

BRR系列重型活塞并联机组
BRR SEMI-HERMETIC RACK

BRR₍₁₎ **4**₍₂₎ **136**₍₃₎ **-S**₍₄₎ **L**₍₅₎ **Y**₍₆₎ **-XXX**₍₇₎

(1) BRR:大型并联机组重型机架

(2) 4:压缩机数量

(3) 136:总匹数

(4) S:单级压缩

T:双级压缩

(5) L:低温

M:中温

TL:低温双级

(6) 润滑油种类

空白:矿物油

Y:聚酯油

(7) 选项(单级适用)

A:汽分(低温标配; 中温选配)

M:手动

L:低液位报警

C:冷凝器控制

N:标准支路数量 (N-1)

(1)BRR:Heavy Type Hermetic Rack

(2)4:Compressor No.

(3)136:Total HP

(4)S:Single Stage

T:Two Stage

(5)L:Low Temp

M:Medium Temp

TL:Two Stage Low Temp

(6)Types of oil

Blank:Mineral Oil(R22)

Y:Polyester Oil(R404A,R507A)

(7)Options(Single Stage)

A:Suction accumulator

M:Manual

L:Low Liquid Level Alarm

C:Condenser Control

N:Standard branch No.(N-1)

产品概述

Product overview

- 标准配置控制器可以自动调节压缩机的运行时间, 延长寿命。
Standard configured controller can automatically regulate the running time among compressors and extend the lifetime .
- 标准配置控制器可以根据不同的负载调节压缩机的运转周期, 为用户节省更多电力。
Standard configured controller can regulate the on-off cycle of compressors according to different load which saves more electricity for end-users.
- 采用高效油分离器, 润滑油只有很少一部分进入系统, 提高了换热器的效率。
Apply high efficient oil separator , tremendously decrease the oil into system which can improve the efficiency of heat exchangers .
- 电子控制器实现实时负荷控制, 减少蒸发压力波动。
Electronic controler achieves real-time load control. It helps decreasing the fluctuation of evaporating pressure.

重型活塞并联机组-BRR系列 BRR Semi-Hermetic Rack

制冷量与输入功率(R22)
Capacity and Input Power (R22)

中高温
MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15℃		蒸发温度SET -10℃		蒸发温度SET 0℃		蒸发温度SET 5℃	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR375-SM-2	4HE-25	3	86.40	39.99	109.20	43.98	136.20	47.58	169.50	50.67
BRR4100-SM-3		4	115.20	53.32	145.60	58.64	181.60	63.44	226.00	67.56
BRR5125-SM-4		5	144.00	66.65	182.00	73.30	227.00	79.30	282.50	84.45
BRR6150-SM-5		6	172.80	79.98	218.40	87.96	272.40	95.16	339.00	101.34
BRR390-SM-2	4GE-30	3	100.80	46.32	127.20	50.79	157.80	54.84	196.50	58.32
BRR4120-SM-3		4	134.40	61.76	169.60	67.72	210.40	73.12	262.00	77.76
BRR5150-SM-4		5	168.00	77.20	212.00	84.65	263.00	91.40	327.50	97.20
BRR6180-SM-5		6	201.60	92.64	254.40	101.58	315.60	109.68	393.00	116.64
BRR270-SM-1	6HE-35	2	86.40	40.00	109.40	44.20	136.00	47.80	169.40	51.00
BRR3105-SM-2		3	129.60	60.00	164.10	66.30	204.00	71.70	254.10	76.50
BRR4140-SM-3		4	172.80	80.00	218.80	88.40	272.00	95.60	338.80	102.00
BRR5175-SM-4		5	216.00	100.00	273.50	110.50	340.00	119.50	423.50	127.50
BRR6210-SM-5	6GE-40	6	259.20	120.00	328.20	132.60	408.00	143.40	508.20	153.00
BRR280-SM-1		2	99.20	46.20	125.40	50.60	156.20	54.80	194.60	58.40
BRR3120-SM-2		3	148.80	69.30	188.10	75.90	234.30	82.20	291.90	87.60
BRR4160-SM-3		4	198.40	92.40	250.80	101.20	312.40	109.60	389.20	116.80
BRR5200-SM-4	6FE-50	5	248.00	115.50	313.50	126.50	390.50	137.00	486.50	146.00
BRR6240-SM-5		6	297.60	138.60	376.20	151.80	468.60	164.40	583.80	175.20
BRR2100-SM-1		2	120.00	56.40	151.40	61.80	188.20	66.60	234.20	70.80
BRR3150-SM-2		3	180.00	84.60	227.10	92.70	282.30	99.90	351.30	106.20
BRR4200-SM-3		4	240.00	112.80	302.80	123.60	376.40	133.20	468.40	141.60
BRR5250-SM-4		5	300.00	141.00	378.50	154.50	470.50	166.50	585.50	177.00
BRR6300-SM-5		6	360.00	169.20	454.20	185.40	564.60	199.80	702.60	212.40

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+45℃，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +45℃ and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们公司当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数均为净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数(R22)
Other Technical Data (R22)

中高温
MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
			A	mm	mm	mm	mm	mm		
BRR375-SM-2	75	89	54	2"54	2"22	1	2	2	N	7700
BRR4100-SM-3	100	119	54	3"54	3"22	1	3	3	N	10300
BRR5125-SM-4	125	149	67	4"54	4"22	1	4	4	N	12900
BRR6150-SM-5	150	178	67	5"54	5"22	1	5	5	N	15400
BRR390-SM-2	90	105	54	2"67	2"28	1	2	2	N	8900
BRR4120-SM-3	120	140	54	3"67	3"22	1	3	3	N	11900
BRR5150-SM-4	150	175	67	4"54	4"22	1	4	4	N	14900
BRR6180-SM-5	180	210	67	5"54	5"22	1	5	5	N	17900
BRR270-SM-1	70	91	54	79	35	1	1	1	N	7700
BRR3105-SM-2	105	136	54	2"79	2"28	1	2	2	N	11600
BRR4140-SM-3	140	182	67	3"67	3"28	1	3	3	N	15500
BRR5175-SM-4	175	227	67	4"67	4"28	1	4	4	N	19400
BRR6210-SM-5	210	272	79	5"67	5"28	1	5	5	N	23200
BRR280-SM-1	80	108	54	89	35	1	1	1	N	8800
BRR3120-SM-2	120	162	67	2"79	2"35	1	2	2	N	13300
BRR4160-SM-3	160	216	67	3"79	3"28	1	3	3	N	17700
BRR5200-SM-4	200	270	79	4"67	4"28	1	4	4	N	22200
BRR6240-SM-5	240	323	79	5"67	5"28	1	5	5	N	26600
BRR2100-SM-1	100	146	54	108	35	1	1	1	N	10700
BRR3150-SM-2	150	219	67	2"89	2"35	1	2	2	N	16100
BRR4200-SM-3	200	292	79	3"79	3"28	1	3	3	N	21500
BRR5250-SM-4	250	366	79	4"79	4"28	1	4	4	N	26900
BRR6300-SM-5	300	439	79	5"79	5"28	1	5	5	N	32300

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组 (R22) 预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.

制冷量与输入功率(R22)

Capacity and Input Power (R22)

中低温

MT<

型号 Model	压缩机 Compressor		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		蒸发温度SET -20°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR354-SL-A2	4HE-18	3	16.11	17.55	24.96	22.23	35.79	26.76	48.90	31.26	66.30	35.34
BRR472-SL-A3		4	21.48	23.40	33.28	29.64	47.72	35.68	65.20	41.68	88.40	47.12
BRR590-SL-A4		5	26.85	29.25	41.60	37.05	59.65	44.60	81.50	52.10	110.50	58.90
BRR6108-SL-A5		6	32.22	35.10	49.92	44.46	71.58	53.52	97.80	62.52	132.60	70.68
BRR369-SL-A2	4GE-23	3	15.84	21.30	29.13	26.85	41.61	32.31	56.73	37.47	79.80	42.96
BRR492-SL-A3		4	21.12	28.40	38.84	35.80	55.48	43.08	75.64	49.96	106.40	57.28
BRR5115-SL-A4		5	26.40	35.50	48.55	44.75	69.35	53.85	94.55	62.45	133.00	71.60
BRR6138-SL-A5		6	31.68	42.60	58.26	53.70	83.22	64.62	113.46	74.94	159.60	85.92
BRR256-SL-A1	6HE-28	2	16.12	17.48	24.96	22.16	35.78	26.74	48.80	31.22	68.00	36.20
BRR384-SL-A2		3	24.18	26.22	37.44	33.24	53.67	40.11	73.20	46.83	102.00	54.30
BRR4112-SL-A3		4	32.24	34.96	49.92	44.32	71.56	53.48	97.60	62.44	136.00	72.40
BRR5140-SL-A4		5	40.30	43.70	62.40	55.40	89.45	66.85	122.00	78.05	170.00	90.50
BRR6168-SL-A5	6GE-34	6	48.36	52.44	74.88	66.48	107.34	80.22	146.40	93.66	204.00	108.60
BRR268-SL-A1		2	18.82	21.28	29.12	26.82	41.60	32.26	56.80	37.44	78.60	42.20
BRR3102-SL-A2		3	28.23	31.92	43.68	40.23	62.40	48.39	85.20	56.16	117.90	63.30
BRR4136-SL-A3		4	37.64	42.56	58.24	53.64	83.20	64.52	113.60	74.88	157.20	84.40
BRR5170-SL-A4	6FE-44	5	47.05	53.20	72.80	67.05	104.00	80.65	142.00	93.60	196.50	105.50
BRR6204-SL-A5		6	56.46	63.84	87.36	80.46	124.80	96.78	170.40	112.32	235.80	126.60
BRR288-SL-A1		2	23.46	25.96	35.72	32.38	50.60	38.84	68.40	45.20	95.20	51.20
BRR3132-SL-A2		3	35.19	38.94	53.58	48.57	75.90	58.26	102.60	67.80	142.80	76.80
BRR4176-SL-A3		4	46.92	51.92	71.44	64.76	101.20	77.68	136.80	90.40	190.40	102.40
BRR5220-SL-A4		5	58.65	64.90	89.30	80.95	126.50	97.10	171.00	113.00	238.00	128.00
BRR6264-SL-A5		6	70.38	77.88	107.16	97.14	151.80	116.52	205.20	135.60	285.60	153.60

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R22。

Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们公司当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe loss is considered in the system, only add 10% capacity.

其他技术参数(R22)

Other Technical Data (R22)

中低温

MT<

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
		A	mm	mm	mm				有Y/无N	
BRR354-SL-A2	54	63	28	2*54	2*16	1	2	2	N	2300
BRR472-SL-A3	72	84	35	3*54	3*12	1	3	3	N	3100
BRR590-SL-A4	90	105	35	4*54	4*12	1	4	4	N	3900
BRR6108-SL-A5	108	125	35	5*54	5*12	1	5	5	N	4700
BRR369-SL-A2	69	74	28	2*54	2*16	1	2	2	N	2800
BRR492-SL-A3	92	98	35	3*54	3*16	1	3	3	N	3700
BRR5115-SL-A4	115	123	42	4*54	4*16	1	4	4	N	4700
BRR6138-SL-A5	138	148	42	5*54	5*16	1	5	5	N	5600
BRR256-SL-A1	56	66	28	79	22	1	1	1	N	2300
BRR384-SL-A2	84	99	35	2*54	2*16	1	2	2	N	3500
BRR4112-SL-A3	112	132	42	3*67	3*16	1	3	3	N	4700
BRR5140-SL-A4	140	166	42	4*54	4*16	1	4	4	N	5900
BRR6168-SL-A5	168	199	54	5*54	5*16	1	5	5	N	7100
BRR268-SL-A1	68	75	28	79	22	1	1	1	N	2800
BRR3102-SL-A2	102	113	35	2*67	2*22	1	2	2	N	4200
BRR4136-SL-A3	136	150	42	3*67	3*22	1	3	3	N	5600
BRR5170-SL-A4	170	188	54	4*67	4*16	1	4	4	N	7000
BRR6204-SL-A5	204	225	54	5*67	5*16	1	5	5	N	8400
BRR288-SL-A1	88	98	35	79	22	1	1	1	N	3400
BRR3132-SL-A2	132	148	42	2*79	2*22	1	2	2	N	5100
BRR4176-SL-A3	176	197	54	3*67	3*22	1	3	3	N	6800
BRR5220-SL-A4	220	246	54	4*67	4*22	1	4	4	N	8600
BRR6264-SL-A5	264	295	54	5*67	5*22	1	5	5	N	10300

所有机组对外管路尺寸可根据客户需求定制。

All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.

所有标准机组（R22）预先充注矿物油，404A机组预先充注聚酯油。

All rack system using R22 should be charged mineral oil in advance, otherwise polyester.

外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。

If you have special requirement for dimension, please contact local representative office of our company.

重型活塞并联机组-BRR系列 BRR Semi-Hermetic Rack

制冷量与输入功率(R404A)
Capacity and Input Power (R404A)

中低温
MT<

型号 Model	压缩机 Compressor		蒸发温度SET -40℃		蒸发温度SET -35℃		蒸发温度SET -30℃		蒸发温度SET -25℃		蒸发温度SET -20℃	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR354-SLY-A2	4HE-18Y	3	18.66	21.69	27.00	26.25	37.35	31.05	50.07	36.00	65.40	40.98
BRR472-SLY-A3		4	24.88	28.92	36.00	35.00	49.80	41.40	66.76	48.00	87.20	54.64
BRR590-SLY-A4		5	31.10	36.15	45.00	43.75	62.25	51.75	83.45	60.00	109.00	68.30
BRR6108-SLY-A5		6	37.32	43.38	54.00	52.50	74.70	62.10	100.14	72.00	130.80	81.96
BRR369-SLY-A2	4GE-23Y	3	23.07	26.13	32.61	31.38	44.46	36.99	59.01	42.81	76.80	48.72
BRR492-SLY-A3		4	30.76	34.84	43.48	41.84	59.28	49.32	78.68	57.08	102.40	64.96
BRR5115-SLY-A4		5	38.45	43.55	54.35	52.30	74.10	61.65	98.35	71.35	128.00	81.20
BRR6138-SLY-A5		6	46.14	52.26	65.22	62.76	88.92	73.98	118.02	85.62	153.60	97.44
BRR256-SLY-A1	6HE-28Y	2	18.34	20.80	26.50	25.50	36.68	30.40	49.20	35.38	64.20	40.40
BRR384-SLY-A2		3	27.51	31.20	39.75	38.25	55.02	45.60	73.80	53.07	96.30	60.60
BRR4112-SLY-A3		4	36.68	41.60	53.00	51.00	73.36	60.80	98.40	70.76	128.40	80.80
BRR5140-SLY-A4		5	45.85	52.00	66.25	63.75	91.70	76.00	123.00	88.45	160.50	101.00
BRR6168-SLY-A5	6GE-34Y	6	55.02	62.40	79.50	76.50	110.04	91.20	147.60	106.14	192.60	121.20
BRR268-SLY-A1		2	23.82	27.12	33.36	32.38	45.20	37.90	59.40	43.60	76.60	49.20
BRR3102-SLY-A2		3	35.73	40.68	50.04	48.57	67.80	56.85	89.10	65.40	114.90	73.80
BRR4136-SLY-A3		4	47.64	54.24	66.72	64.76	90.40	75.80	118.80	87.20	153.20	98.40
BRR5170-SLY-A4	6FE-44Y	5	59.55	67.80	83.40	80.95	113.00	94.75	148.50	109.00	191.50	123.00
BRR6204-SLY-A5		6	71.46	81.36	100.08	97.14	135.60	113.70	178.20	130.80	229.80	147.60
BRR288-SLY-A1		2	27.22	32.14	38.92	38.70	53.20	45.40	70.60	52.40	91.40	59.20
BRR3132-SLY-A2		3	40.83	48.21	58.38	58.05	79.80	68.10	105.90	78.60	137.10	88.80
BRR4176-SLY-A3		4	54.44	64.28	77.84	77.40	106.40	90.80	141.20	104.80	182.80	118.40
BRR5220-SLY-A4		5	68.05	80.35	97.30	96.75	133.00	113.50	176.50	131.00	228.50	148.00
BRR6264-SLY-A5		6	81.66	96.42	116.76	116.10	159.60	136.20	211.80	157.20	274.20	177.60

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+45℃，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +45℃ and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数(R404A)
Other Technical Data (R404A)

中低温
MT<

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
			A	mm	mm	mm	mm	mm		
BRR354-SLY-A2	54	71	35	2*54	2*22	1	2	2	N	2300
BRR472-SLY-A3	72	94	35	3*54	3*22	1	3	3	N	3100
BRR590-SLY-A4	90	118	42	4*54	4*22	1	4	4	N	3900
BRR6108-SLY-A5	108	142	42	5*54	5*16	1	5	5	N	4700
BRR369-SLY-A2	69	83	35	2*54	2*22	1	2	2	N	2800
BRR492-SLY-A3	92	110	42	3*54	3*22	1	3	3	N	3700
BRR5115-SLY-A4	115	138	42	4*54	4*22	1	4	4	N	4700
BRR6138-SLY-A5	138	165	54	5*54	5*22	1	5	5	N	5600
BRR256-SLY-A1	56	72	35	79	28	1	1	1	N	2300
BRR384-SLY-A2	84	108	42	2*67	2*22	1	2	2	N	3500
BRR4112-SLY-A3	112	144	42	3*67	3*22	1	3	3	N	4700
BRR5140-SLY-A4	140	181	54	4*54	4*22	1	4	4	N	5900
BRR6168-SLY-A5	168	217	54	5*54	5*22	1	5	5	N	7100
BRR268-SLY-A1	68	85	35	79	28	1	1	1	N	2800
BRR3102-SLY-A2	102	128	42	2*67	2*28	1	2	2	N	4200
BRR4136-SLY-A3	136	171	54	3*67	3*22	1	3	3	N	5600
BRR5170-SLY-A4	170	214	54	4*67	4*22	1	4	4	N	7000
BRR6204-SLY-A5	204	256	54	5*67	5*22	1	5	5	N	8400
BRR288-SLY-A1	88	109	42	79	28	1	1	1	N	3400
BRR3132-SLY-A2	132	163	54	2*79	2*28	1	2	2	N	5100
BRR4176-SLY-A3	176	218	54	3*67	3*28	1	3	3	N	6800
BRR5220-SLY-A4	220	272	54	4*67	4*22	1	4	4	N	8600
BRR6264-SLY-A5	264	326	67	5*67	5*22	1	5	5	N	10300

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

中高温

MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET 0°C		蒸发温度SET 5°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR375-SMY-2	4HE-25Y	3	82.20	44.10	104.40	48.57	130.50	52.77	168.60	56.61
BRR4100-SMY-3		4	109.60	58.80	139.20	64.76	174.00	70.36	224.80	75.48
BRR5125-SMY-4		5	137.00	73.50	174.00	80.95	217.50	87.95	281.00	94.35
BRR6150-SMY-5		6	164.40	88.20	208.80	97.14	261.00	105.54	337.20	113.22
BRR390-SMY-2	4GE-30Y	3	94.80	50.97	119.70	56.13	149.70	60.90	192.90	65.40
BRR4120-SMY-3		4	126.40	67.96	159.60	74.84	199.60	81.20	257.20	87.20
BRR5150-SMY-4		5	158.00	84.95	199.50	93.55	249.50	101.50	321.50	109.00
BRR6180-SMY-5		6	189.60	101.94	239.40	112.26	299.40	121.80	385.80	130.80
BRR270-SMY-1	6HE-35Y	2	80.60	44.00	102.20	48.40	127.80	52.20	165.00	55.80
BRR3105-SMY-2		3	120.90	66.00	153.30	72.60	191.70	78.30	247.50	83.70
BRR4140-SMY-3		4	161.20	88.00	204.40	96.80	255.60	104.40	330.00	111.60
BRR5175-SMY-4		5	201.50	110.00	255.50	121.00	319.50	130.50	412.50	139.50
BRR6210-SMY-5	6GE-40Y	6	241.80	132.00	306.60	145.20	383.40	156.60	495.00	167.40
BRR280-SMY-1		2	92.40	51.20	116.40	56.00	145.20	60.60	186.60	64.60
BRR3120-SMY-2		3	138.60	76.80	174.60	84.00	217.80	90.90	279.90	96.90
BRR4160-SMY-3		4	184.80	102.40	232.80	112.00	290.40	121.20	373.20	129.20
BRR5200-SMY-4	6FE-50Y	5	231.00	128.00	291.00	140.00	363.00	151.50	466.50	161.50
BRR6240-SMY-5		6	277.20	153.60	349.20	168.00	435.60	181.80	559.80	193.80
BRR2100-SMY-1		2	113.00	63.00	142.20	69.20	176.80	75.00	227.00	80.20
BRR3150-SMY-2		3	169.50	94.50	213.30	103.80	265.20	112.50	340.50	120.30
BRR4200-SMY-3	6FE-50Y	4	226.00	126.00	284.40	138.40	353.60	150.00	454.00	160.40
BRR5250-SMY-4		5	282.50	157.50	355.50	173.00	442.00	187.50	567.50	200.50
BRR6300-SMY-5		6	339.00	189.00	426.60	207.60	530.40	225.00	681.00	240.60

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R404A。

Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数均为净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe loss is considered in the system, only add 10% capacity.

其他技术参数(R404A)

Other Technical Data (R404A)

中高温

MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
		A	mm	mm	mm				有Y/无N	
BRR375-SMY-2	75	98	54	2*54	2*28	1	2	2	N	7700
BRR4100-SMY-3	100	130	54	3*54	3*28	1	3	3	N	10300
BRR5125-SMY-4	125	163	67	4*54	4*28	1	4	4	N	12900
BRR6150-SMY-5	150	196	67	5*54	5*28	1	5	5	N	15400
BRR390-SMY-2	90	116	54	2*67	2*28	1	2	2	N	8900
BRR4120-SMY-3	120	154	67	3*67	3*28	1	3	3	N	11900
BRR5150-SMY-4	150	193	67	4*54	4*28	1	4	4	N	14900
BRR6180-SMY-5	180	231	67	5*54	5*28	1	5	5	N	17900
BRR270-SMY-1	70	98	54	79	42	1	1	1	N	7700
BRR3105-SMY-2	105	147	67	2*79	2*35	1	2	2	N	11600
BRR4140-SMY-3	140	196	67	3*67	3*35	1	3	3	N	15500
BRR5175-SMY-4	175	245	79	4*67	4*35	1	4	4	N	19400
BRR6210-SMY-5	210	293	79	5*67	5*28	1	5	5	N	23200
BRR280-SMY-1	80	116	54	89	42	1	1	1	N	8800
BRR3120-SMY-2	120	174	67	2*79	2*35	1	2	2	N	13300
BRR4160-SMY-3	160	232	67	3*79	3*35	1	3	3	N	17700
BRR5200-SMY-4	200	291	79	4*67	4*35	1	4	4	N	22200
BRR6240-SMY-5	240	349	79	5*67	5*35	1	5	5	N	26600
BRR2100-SMY-1	100	157	54	108	54	1	1	1	N	10700
BRR3150-SMY-2	150	235	67	2*89	2*42	1	2	2	N	16100
BRR4200-SMY-3	200	314	79	3*79	3*35	1	3	3	N	21500
BRR5250-SMY-4	250	392	79	4*79	4*35	1	4	4	N	26900
BRR6300-SMY-5	300	470	79	5*79	5*35	1	5	5	N	32300

所有机组对外管路尺寸可根据客户需求定制。

All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.

所有标准机组 (R22) 预先充注矿物油，R404A机组预先充注聚酯油。

All rack system using R22 should be charged mineral oil in advance, otherwise polyester.

外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。

If you have special requirement for dimension, please contact local representative office of our company.

重型活塞并联机组-BRR系列 BRR Semi-Hermetic Rack

制冷量与输入功率 (R22)
Capacity and Input Power (R22)

低温双级
LT Two Stage

型号 Model	压缩机 Compressor		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		蒸发温度SET -20°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR336-TL	S4G-12.2	3	19.53	20.67	25.77	23.04	32.79	25.38	40.74	27.75	49.71	30.12
BRR348-TL	S6J-16.2	3	29.43	27.51	38.76	31.74	48.96	35.91	60.30	40.05	72.90	44.19
BRR360-TL	S6H-20.2	3	34.11	31.89	44.94	36.78	56.76	41.61	69.90	46.41	84.60	51.21
BRR390-TL	S6F-30.2	3	46.86	43.80	61.80	50.52	78.00	57.15	96.00	63.60	116.10	70.20
BRR480-TL	S6H-20.2	4	45.48	42.52	59.92	49.04	75.68	55.48	93.20	61.88	112.80	68.28
BRR4100-TL	S6G-25.2	4	52.24	48.80	68.80	56.28	86.80	63.68	106.80	71.04	129.20	78.40
BRR4120-TL	S6F-30.2	4	62.48	58.40	82.40	67.36	104.00	76.20	128.00	84.80	154.80	93.60
BRR5150-TL	S6F-30.2	5	78.10	73.00	103.00	84.20	130.00	95.25	160.00	106.00	193.50	117.00
BRR6180-TL	S6F-30.2	6	93.72	87.60	123.60	101.04	156.00	114.30	192.00	127.20	232.20	140.40

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数 (R22)
Other Technical Data (R22)

低温双级
LT Two Stage

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
		A	mm	mm	mm				有Y/无N	
BRR336-TL	36	53	35	54	22	1	1	1	N	3000
BRR348-TL	48	73	35	67	22	1	1	1	N	4600
BRR360-TL	60	85	35	2*54	2*16	1	2	2	N	5200
BRR390-TL	90	118	42	3*54	3*16	1	3	3	N	7000
BRR480-TL	80	113	42	3*54	3*16	1	3	3	N	7000
BRR4100-TL	100	130	54	3*54	3*22	1	3	3	N	8000
BRR4120-TL	120	158	54	3*67	3*22	1	3	3	N	9600
BRR5150-TL	150	197	54	4*67	4*22	1	4	4	N	12000
BRR6180-TL	180	236	54	5*67	5*22	1	5	5	N	14400

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
机组对外管路数据为标准支路规格。
The date of pipe is branch line.

制冷量与输入功率(R404A)

Capacity and Input Power (R404A)

低温双级

LT Two Stage

型号 Model	压缩机 Compressor		蒸发温度SET -40℃		蒸发温度SET -35℃		蒸发温度SET -30℃		蒸发温度SET -25℃		蒸发温度SET -20℃	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR336-TLY	S4G-12.2Y	3	24.78	24.00	30.78	26.88	37.62	29.70	45.33	32.46	53.94	35.10
BRR348-TLY	S6J-16.2Y	3	34.92	33.63	43.14	37.68	52.44	41.88	63.00	46.26	74.40	50.82
BRR360-TLY	S6H-20.2Y	3	40.29	38.97	49.74	43.65	60.30	48.51	72.30	53.55	85.80	58.80
BRR390-TLY	S6F-30.2Y	3	54.60	53.55	67.20	59.94	81.60	66.60	97.50	73.20	115.50	79.80
BRR480-TLY	S6H-20.2Y	4	53.72	51.96	66.32	58.20	80.40	64.68	96.40	71.40	114.40	78.40
BRR4100-TLY	S6G-25.2Y	4	61.36	59.68	75.68	66.80	92.00	74.24	110.00	82.00	130.40	90.00
BRR4120-TLY	S6F-30.2Y	4	72.80	71.40	89.60	79.92	108.80	88.80	130.00	97.60	154.00	106.40
BRR5150-TLY	S6F-30.2Y	5	91.00	89.25	112.00	99.90	136.00	111.00	162.50	122.00	192.50	133.00
BRR6180-TLY	S6F-30.2Y	6	109.20	107.10	134.40	119.88	163.20	133.20	195.00	146.40	231.00	159.60

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+45℃，制冷剂R404A。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +45℃ and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数(R404A)

Other Technical Data (R404A)

低温双级

LT Two Stage

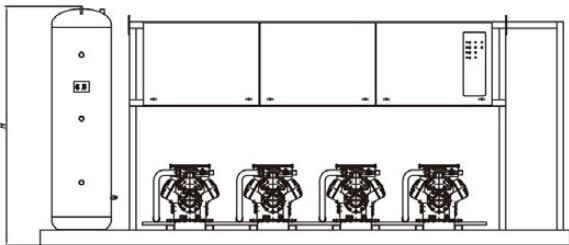
型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm	通风量 Air Flow) m3/h
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe		
			A	mm	mm	mm	mm	mm		
BRR336-TLY	36	59	35	67	35	1	1	1	N	3000
BRR348-TLY	48	83	42	79	35	1	1	1	N	4600
BRR360-TLY	60	95	42	2*67	2*28	1	2	2	N	5200
BRR390-TLY	90	131	54	2*67	2*35	1	3	3	N	7000
BRR480-TLY	80	127	54	3*54	3*28	1	3	3	N	7000
BRR4100-TLY	100	147	54	3*54	3*28	1	3	3	N	8000
BRR4120-TLY	120	175	54	3*67	3*28	1	3	3	N	9600
BRR5150-TLY	150	219	67	4*67	4*28	1	4	4	N	12000
BRR6180-TLY	180	263	67	5*67	5*28	1	5	5	N	14400

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，R404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我们当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
机组对外管路数据为标准支路规格。
The date of pipe is branch line.

尺寸参数

Dimension

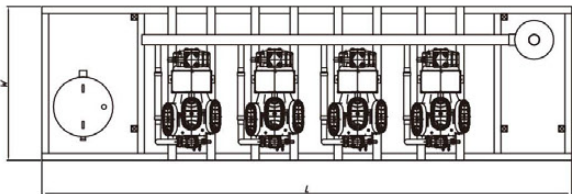
型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR375-SM-2	3105	1200	1770	2000
BRR4100-SM-3	3755	1200	1770	2350
BRR5125-SM-4	4415	1200	1940	2700
BRR6150-SM-5	5065	1200	1940	3100
BRR390-SM-2	3105	1200	1770	2000
BRR4120-SM-3	3755	1200	1770	2400
BRR5150-SM-4	4415	1200	1940	2700
BRR6180-SM-5	5065	1200	1940	3100
BRR270-SM-1	2455	1200	1770	1600
BRR3105-SM-2	3105	1200	1825	2000
BRR4140-SM-3	3765	1200	1940	2350
BRR5175-SM-4	4755	1200	1770	2750
BRR6210-SM-5	5405	1200	1990	3200
BRR280-SM-1	2455	1200	1770	1600
BRR3120-SM-2	3115	1200	1940	2000
BRR4160-SM-3	3765	1200	1990	2350
BRR5200-SM-4	4755	1200	1990	2800
BRR6240-SM-5	5405	1200	1990	3200
BRR2100-SM-1	2455	1200	1770	1600
BRR3150-SM-2	3115	1200	1940	2000
BRR4200-SM-3	4105	1200	1990	2350
BRR5250-SM-4	4805	1200	1990	2800
BRR6300-SM-5	5455	1200	1990	3200
BRR354-SL-A2	3105	1200	1770	2000
BRR472-SL-A3	3750	1200	1770	2350
BRR590-SL-A4	4405	1200	1770	2650
BRR6108-SL-A5	5055	1200	1770	3100
BRR369-SL-A2	3100	1200	1770	2000
BRR492-SL-A3	3750	1200	1770	2400
BRR5115-SL-A4	4405	1200	1770	2700
BRR6138-SL-A5	5055	1200	1770	3100
BRR256-SL-A1	2455	1200	1770	1600
BRR384-SL-A2	3100	1200	1770	2000
BRR4112-SL-A3	3755	1200	1770	2300
BRR5140-SL-A4	4405	1400	1770	2800
BRR6168-SL-A5	5065	1400	1770	3300
BRR268-SL-A1	2455	1200	1755	1600
BRR3102-SL-A2	3105	1200	1770	1950
BRR4136-SL-A3	3755	1200	1770	2350
BRR5170-SL-A4	4415	1400	1940	3000
BRR6204-SL-A5	5065	1400	1940	3400
BRR288-SL-A1	2450	1200	1755	1600
BRR3132-SL-A2	3105	1200	1825	2000
BRR4176-SL-A3	3755	1400	1770	2650
BRR5220-SL-A4	4415	1400	1940	3100
BRR6264-SL-A5	5065	1400	1940	3500
BRR336-TL	3700	1200	1800	2100
BRR348-TL	3700	1200	1800	2100
BRR360-TL	3700	1200	1800	2150
BRR390-TL	3700	1200	1800	2150
BRR480-TL	4450	1200	1800	2500
BRR4100-TL	4450	1400	1800	2700
BRR4120-TL	4450	1400	1800	2700
BRR5150-TL	5250	1400	1950	3100
BRR6180-TL	5950	1400	1850	3500



尺寸参数

Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR354-SLY-A2	3105	1200	1760	2000
BRR472-SLY-A3	3750	1200	1700	2350
BRR590-SLY-A4	4405	1200	1770	2700
BRR6108-SLY-A5	5065	1200	1940	3100
BRR369-SLY-A2	3105	1200	1770	2000
BRR492-SLY-A3	3750	1200	1770	2400
BRR5115-SLY-A4	4415	1200	1940	2700
BRR6138-SLY-A5	5065	1200	1940	3000
BRR256-SLY-A1	2450	1200	1755	1600
BRR384-SLY-A2	3105	1200	1770	2000
BRR4112-SLY-A3	3755	1200	1770	2300
BRR5138-SLY-A4	4415	1400	1940	2800
BRR6168-SLY-A5	5405	1400	1770	3300
BRR268-SLY-A1	2450	1200	1770	1600
BRR3102-SLY-A2	3105	1200	1770	2000
BRR4132-SLY-A3	3755	1200	1940	2400
BRR5170-SLY-A4	4415	1400	1940	3000
BRR6204-SLY-A5	5405	1400	1770	3400
BRR288-SLY-A1	2455	1200	1770	1600
BRR3132-SLY-A2	3105	1200	1940	2000
BRR4176-SLY-A3	3755	1400	1940	2650
BRR5220-SLY-A4	4750	1400	1770	3100
BRR6264-SLY-A5	5405	1400	1910	3500
BRR375-SMY-2	3105	1200	1770	2000
BRR4100-SMY-3	3765	1200	1940	2350
BRR5125-SMY-4	4415	1200	1940	2700
BRR6150-SMY-5	5405	1200	1770	3100
BRR390-SMY-2	3115	1200	1940	2000
BRR4120-SMY-3	3765	1200	1940	2400
BRR5150-SMY-4	4750	1200	1770	2700
BRR6180-SMY-5	5405	1200	1910	3100
BRR270-SMY-1	2455	1200	1770	1600
BRR3105-SMY-2	3115	1200	1940	2000
BRR4140-SMY-3	4100	1200	1770	2350
BRR5175-SMY-4	4805	1200	1990	2800
BRR6210-SMY-5	5405	1200	1990	3200
BRR280-SMY-1	2455	1200	1770	1600
BRR3120-SMY-2	3115	1200	1940	2000
BRR4160-SMY-3	4100	1200	1910	2350
BRR5200-SMY-4	4805	1200	1990	2800
BRR6240-SMY-5	5405	1200	1990	3200
BRR2100-SMY-1	2465	1200	1940	1600
BRR3150-SMY-2	3450	1200	1810	2000
BRR4200-SMY-3	4155	1200	1990	2350
BRR5250-SMY-4	4750	1200	1990	2800
BRR6300-SMY-5	5550	1200	1990	3200
BRR336-TLY	3700	1200	1800	2100
BRR348-TLY	3700	1200	1800	2100
BRR360-TLY	3700	1200	1800	2150
BRR390-TLY	3700	1200	1800	2150
BRR480-TLY	4450	1200	1800	2500
BRR4100-TLY	4450	1400	1800	2700
BRR4120-TLY	4450	1400	1800	2700
BRR5150-TLY	5250	1400	1800	3100
BRR6180-TLY	5950	1400	1800	3500



重型活塞并联机组

BRR蝶阀系列



低温 36 180 HP
中低温 56 240 HP
中高温 105 300 HP



BEIJER REF

BRR Stream Rack
BRR Stream



描述 Description

稳定可靠

Stable and reliable

- 知名压缩机。
- High quality and world famous compressors.
- 机组中某台压缩机故障时,其他压缩机仍可继续正常工作。
- If one compressor has broken, other compressor also can work continually.
- 每台机组出厂均标配控制器,自动调节压缩机运行时间,延长压缩机使用寿命。
- Standard products are configured controller which can regulate the running time of compressors automaticly and extend compressor service life.
- 汽液分离设计免液击。
- Special design for suction accumulator can maximize avoiding liquid impact.

节能

High efficiency and saving energy

- 在日常部分负荷情况下,控制器自动切换为自适应控制模式,为终端用户节能。
- In the case of daily partial load, the controller automatically switches to adaptive control mode to save energy for end users.
- 优化后管路设计,降低管路压力损失,提高机组效率。
- Accurate pipeline design, reduce pipeline pressure drop, improve unit efficiency.
- 可配比不等大小压缩机,提供更多的调节级数,冷量输出可以更加平滑地动态匹配实际负荷。
- Can use different compressors in the same system and balance dynamic cooling capacity output.



结构紧凑灵活

Structure compact and Flexible

- 多台压缩机共享油分离器、冷凝器、储液器、控制系统及框架。
- Share oil separator, condenser, liquid receiver, control system and frame.
- 安装空间的减少可以为大型超市和冷库提供更大的商用空间,进一步为终端用户创造价值。
- Reduce installation space and create more value for end-user.
- 自动化程度高。
- Highly-automatized.
- 微电脑控制并联机组实时匹配动态负载,降低蒸发压力波动。
- Micro-computer controls the real-time dynamic load which can result in decreasing fluctuation of evaporation pressure.
- 可选用远程监控,自动化运行。
- Through remote monitoring, achieve system running automatically.

市场范围 Market Segments



• 餐饮 Food Service

• 超市 Super Market

• 冷冻冷藏 Cold Storage

命名规则 Nomenclature

蝶阀系列重型活塞并联机组
BRR Stream Rack

BRR⁽¹⁾ **-C-**⁽²⁾ **4**⁽³⁾ **136**⁽⁴⁾ **-S**⁽⁵⁾ **L**⁽⁶⁾ **Y**⁽⁷⁾ **-XXX**⁽⁸⁾

(1) BRR:大型并联机组重型机架

(2) C:蝶阀压缩机

(3) 4:压缩机数量

(4) 136:总匹数

(5) S:单级压缩

T:双级压缩

(6) L:低温

M:中温

TL:低温双级

(7) 润滑油种类

空白:矿物油

Y:聚酯油

(8) 选项(单级适用)

A:汽分(低温标配; 中温选配)

M:手动

L:低液位报警

C:冷凝器控制

N:标准支路数量 (N-1)

(1)BRR:Heavy Type Hermetic Rack

(2) Stream Compressor

(3)4:Compressor No.

(4)136:Total HP

(5)S:Single Stage

T:Two Stage

(6)L:Low Temp

M:Medium Temp

TL:Two Stage Low Temp

(7)Types of oil

Blank:Mineral Oil(R22)

Y:Polyester Oil(R404A,R507A)

(8)Options(Single Stage)

A:Suction accumulator

M:Manual

L:Low Liquid Level Alarm

C:Condenser Control

N:Standard branch No.(N-1)

重型活塞并联机组-BRR蝶阀系列 BRR Stream Rack

制冷量与输入功率(R22)
Capacity and Input Power (R22)

中高温
MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET -5°C		蒸发温度SET 0°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR-C-375-SM-2	4MH1-25	3	89.40	40.20	111.00	43.65	136.20	46.65	165.30	49.35
BRR-C-4100-SM-3		4	119.20	53.60	148.00	58.20	181.60	62.20	220.40	65.80
BRR-C-5125-SM-4		5	149.00	67.00	185.00	72.75	227.00	77.75	275.50	82.25
BRR-C-6150-SM-5		6	178.80	80.40	222.00	87.30	272.40	93.30	330.60	98.70
BRR-C-390-SM-2	4MI1-300	3	96.90	44.70	119.40	48.60	145.20	52.35	175.80	55.65
BRR-C-4120-SM-3		4	129.20	59.60	159.20	64.80	193.60	69.80	234.40	74.20
BRR-C-5150-SM-4		5	161.50	74.50	199.00	81.00	242.00	87.25	293.00	92.75
BRR-C-6180-SM-5		6	193.80	89.40	238.80	97.20	290.40	104.70	351.60	111.30
BRR-C-270-SM-1	MK1-350	2	82.00	37.80	101.00	41.20	123.00	44.20	149.00	47.20
BRR-C-3105-SM-2		3	123.00	56.70	151.50	61.80	184.50	66.30	223.50	70.80
BRR-C-4140-SM-3		4	164.00	75.60	202.00	82.40	246.00	88.40	298.00	94.40
BRR-C-5175-SM-4		5	205.00	94.50	252.50	103.00	307.50	110.50	372.50	118.00
BRR-C-6210-SM-5	6MI1-400	6	246.00	113.40	303.00	123.60	369.00	132.60	447.00	141.60
BRR-C-280-SM-1		2	99.80	45.80	124.20	49.60	152.20	53.00	185.00	56.00
BRR-C-3120-SM-2		3	149.70	68.70	186.30	74.40	228.30	79.50	277.50	84.00
BRR-C-4160-SM-3		4	199.60	91.60	248.40	99.20	304.40	106.00	370.00	112.00
BRR-C-5200-SM-4	6MK1-500	5	249.50	114.50	310.50	124.00	380.50	132.50	462.50	140.00
BRR-C-6240-SM-5		6	299.40	137.40	372.60	148.80	456.60	159.00	555.00	168.00
BRR-C-2100-SM-1		2	122.60	58.20	153.20	63.60	188.60	68.60	230.00	73.00
BRR-C-3150-SM-2		3	183.90	87.30	229.80	95.40	282.90	102.90	345.00	109.50
BRR-C-4200-SM-3	6MK1-500	4	245.20	116.40	306.40	127.20	377.20	137.20	460.00	146.00
BRR-C-5250-SM-4		5	306.50	145.50	383.00	159.00	471.50	171.50	575.00	182.50
BRR-C-6300-SM-5		6	367.80	174.60	459.60	190.80	565.80	205.80	690.00	219.00

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+ 38°C，冷凝温度+ 45°C，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective value. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数
Other Technical Data

中高温
MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	
		A	mm	mm	mm	Pipe	Pipe	Pipe	有Y/无N
BRR-C-375-SM-2	75	88	54	2*54	2*22	1	2	2	N
BRR-C-4100-SM-3	100	118	54	3*54	3*22	1	3	3	N
BRR-C-5125-SM-4	125	147	67	4*54	4*22	1	4	4	N
BRR-C-6150-SM-5	150	177	67	5*54	5*22	1	5	5	N
BRR-C-390-SM-2	90	96	54	2*67	2*28	1	2	2	N
BRR-C-4120-SM-3	120	128	54	3*67	3*22	1	3	3	N
BRR-C-5150-SM-4	150	160	67	4*54	4*22	1	4	4	N
BRR-C-6180-SM-5	180	192	67	5*54	5*22	1	5	5	N
BRR-C-270-SM-1	70	83	54	79	35	1	1	1	N
BRR-C-3105-SM-2	105	125	54	2*79	2*28	1	2	2	N
BRR-C-4140-SM-3	140	166	67	3*67	3*28	1	3	3	N
BRR-C-5175-SM-4	175	208	67	4*67	4*28	1	4	4	N
BRR-C-6210-SM-5	210	249	79	5*67	5*28	1	5	5	N
BRR-C-280-SM-1	80	100	54	89	35	1	1	1	N
BRR-C-3120-SM-2	120	149	67	2*79	2*35	1	2	2	N
BRR-C-4160-SM-3	160	199	67	3*79	3*28	1	3	3	N
BRR-C-5200-SM-4	200	249	79	4*67	4*28	1	4	4	N
BRR-C-6240-SM-5	240	299	79	5*67	5*28	1	5	5	N
BRR-C-2100-SM-1	100	132	54	108	35	1	1	1	N
BRR-C-3150-SM-2	150	198	67	2*89	2*35	1	2	2	N
BRR-C-4200-SM-3	200	264	79	3*79	3*28	1	3	3	N
BRR-C-5250-SM-4	250	330	79	4*79	4*28	1	4	4	N
BRR-C-6300-SM-5	300	396	79	5*79	5*28	1	5	5	N

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我公司当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
部分表示轻型框架并联机组，部分代表无吸气球阀及电子低液位报警的型号。
Only for Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

制冷量与输入功率参数

Capacity and Input Power

中低温

MT<

型号 Model	压缩机 Compressor		蒸发温度SET -40℃		蒸发温度SET -35℃		蒸发温度SET -30℃		蒸发温度SET -25℃		蒸发温度SET -20℃	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR-C-345-SL-A2	4ML1-150	3	19.83	21.93	29.04	26.22	39.75	30.60	51.60	34.65	64.50	38.55
BRR-C-460-SL-A3		4	26.44	29.24	38.72	34.96	53.00	40.80	68.80	46.20	86.00	51.40
BRR-C-575-SL-A4		5	33.05	36.55	48.40	43.70	66.25	51.00	86.00	57.75	107.50	64.25
BRR-C-690-SL-A5		6	39.66	43.86	58.08	52.44	79.50	61.20	103.20	69.30	129.00	77.10
BRR-C-360-SL-A2	4MM1-200	3	22.50	24.12	31.80	28.41	42.60	32.85	55.20	37.20	70.20	41.70
BRR-C-480-SL-A3		4	30.00	32.16	42.40	37.88	56.80	43.80	73.60	49.60	93.60	55.60
BRR-C-5100-SL-A4		5	37.50	40.20	53.00	47.35	71.00	54.75	92.00	62.00	117.00	69.50
BRR-C-6120-SL-A5		6	45.00	48.24	63.60	56.82	85.20	65.70	110.40	74.40	140.40	83.40
BRR-C-250-SL-A1	4MU1-250	2	19.06	20.40	26.90	24.10	36.10	27.80	46.80	31.50	59.40	35.30
BRR-C-375-SL-A2		3	28.59	30.60	40.35	36.15	54.15	41.70	70.20	47.25	89.10	52.95
BRR-C-4100-SL-A3		4	38.12	40.80	53.80	48.20	72.20	55.60	93.60	63.00	118.80	70.60
BRR-C-5125-SL-A4		5	47.65	51.00	67.25	60.25	90.25	69.50	117.00	78.75	148.50	88.25
BRR-C-6150-SL-A5	6MM1-300	6	57.18	61.20	80.70	72.30	108.30	83.40	140.40	94.50	178.20	105.90
BRR-C-260-SL-A1		2	19.00	23.50	28.00	28.20	38.50	32.70	50.00	36.90	62.80	40.60
BRR-C-390-SL-A2		3	28.50	35.25	42.00	42.30	57.75	49.05	75.00	55.35	94.20	60.90
BRR-C-4120-SL-A3		4	38.00	47.00	56.00	56.40	77.00	65.40	100.00	73.80	125.60	81.20
BRR-C-5150-SL-A4	6MU1-400	5	47.50	58.75	70.00	70.50	96.25	81.75	125.00	92.25	157.00	101.50
BRR-C-6180-SL-A5		6	57.00	70.50	84.00	84.60	115.50	98.10	150.00	110.70	188.40	121.80
BRR-C-280-SL-A1		2	24.20	29.90	35.60	35.80	48.80	41.60	63.60	47.00	79.80	51.60
BRR-C-3120-SL-A2		3	36.30	44.85	53.40	53.70	73.20	62.40	95.40	70.50	119.70	77.40
BRR-C-4160-SL-A3	6MU1-400	4	48.40	59.80	71.20	71.60	97.60	83.20	127.20	94.00	159.60	103.20
BRR-C-5200-SL-A4		5	60.50	74.75	89.00	89.50	122.00	104.00	159.00	117.50	199.50	129.00
BRR-C-6240-SL-A5		6	72.60	89.70	106.80	107.40	146.40	124.80	190.80	141.00	239.40	154.80

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+45℃，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +45℃ and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数

Other Technical Data

中低温

MT<

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	
		A	mm	mm	mm				有Y/无N
BRR-C-345-SL-A2	45	68	28	2"54	2"16	1	2	2	N
BRR-C-460-SL-A3	60	91	35	3"54	3"12	1	3	3	N
BRR-C-575-SL-A4	75	114	35	4"54	4"12	1	4	4	N
BRR-C-690-SL-A5	90	136	35	5"54	5"12	1	5	5	N
BRR-C-360-SL-A2	60	75	28	2"54	2"16	1	2	2	N
BRR-C-480-SL-A3	80	100	35	3"54	3"16	1	3	3	N
BRR-C-5100-SL-A4	100	125	42	4"54	4"16	1	4	4	N
BRR-C-6120-SL-A5	120	150	42	5"54	5"16	1	5	5	N
BRR-C-250-SL-A1	50	63	28	79	22	1	1	1	N
BRR-C-375-SL-A2	75	95	35	2"54	2"16	1	2	2	N
BRR-C-4100-SL-A3	100	127	42	3"67	3"16	1	3	3	N
BRR-C-5125-SL-A4	125	158	42	4"54	4"16	1	4	4	N
BRR-C-6150-SL-A5	150	190	54	5"54	5"16	1	5	5	N
BRR-C-260-SL-A1	60	74	28	79	22	1	1	1	N
BRR-C-390-SL-A2	90	111	35	2"67	2"22	1	2	2	N
BRR-C-4120-SL-A3	120	147	42	3"67	3"22	1	3	3	N
BRR-C-5150-SL-A4	150	184	54	4"67	4"16	1	4	4	N
BRR-C-6180-SL-A5	180	221	54	5"67	5"16	1	5	5	N
BRR-C-280-SL-A1	80	90	35	79	22	1	1	1	N
BRR-C-3120-SL-A2	120	135	42	2"79	2"22	1	2	2	N
BRR-C-4160-SL-A3	160	180	54	3"67	3"22	1	3	3	N
BRR-C-5200-SL-A4	200	225	54	4"67	4"22	1	4	4	N
BRR-C-6240-SL-A5	240	270	54	5"67	5"22	1	5	5	N

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
部分表示轻型框架并联机组，部分代表无吸气球阀及电子低液位报警的型号。
Only for Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

重型活塞并联机组-BRR蝶阀系列 BRR Stream Rack

制冷量与输入功率参数

Capacity and Input Power

中高温

MT&HT

型号 Model	压缩机 Compressor		蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET -5°C		蒸发温度SET 0°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR-C-375-SM-2	4MH1-250	3	89.40	40.20	111.00	43.65	136.20	46.65	165.30	49.35
BRR-C-4100-SM-3		4	119.20	53.60	148.00	58.20	181.60	62.20	220.40	65.80
BRR-C-5125-SM-4		5	149.00	67.00	185.00	72.75	227.00	77.75	275.50	82.25
BRR-C-6150-SM-5		6	178.80	80.40	222.00	87.30	272.40	93.30	330.60	98.70
BRR-C-390-SM-2	4MI1-300	3	96.90	44.70	119.40	48.60	145.20	52.35	175.80	55.65
BRR-C-4120-SM-3		4	129.20	59.60	159.20	64.80	193.60	69.80	234.40	74.20
BRR-C-5150-SM-4		5	161.50	74.50	199.00	81.00	242.00	87.25	293.00	92.75
BRR-C-6180-SM-5		6	193.80	89.40	238.80	97.20	290.40	104.70	351.60	111.30
BRR-C-270-SM-1	4MK1-350	2	82.00	37.80	101.00	41.20	123.00	44.20	149.00	47.20
BRR-C-3105-SM-2		3	123.00	56.70	151.50	61.80	184.50	66.30	223.50	70.80
BRR-C-4140-SM-3		4	164.00	75.60	202.00	82.40	246.00	88.40	298.00	94.40
BRR-C-5175-SM-4		5	205.00	94.50	252.50	103.00	307.50	110.50	372.50	118.00
BRR-C-6210-SM-5	6MI1-400	6	246.00	113.40	303.00	123.60	369.00	132.60	447.00	141.60
BRR-C-280-SM-1		2	99.80	45.80	124.20	49.60	152.20	53.00	185.00	56.00
BRR-C-3120-SM-2		3	149.70	68.70	186.30	74.40	228.30	79.50	277.50	84.00
BRR-C-4160-SM-3		4	199.60	91.60	248.40	99.20	304.40	106.00	370.00	112.00
BRR-C-5200-SM-4	6MK1-500	5	249.50	114.50	310.50	124.00	380.50	132.50	462.50	140.00
BRR-C-6240-SM-5		6	299.40	137.40	372.60	148.80	456.60	159.00	555.00	168.00
BRR-C-2100-SM-1		2	122.60	58.20	153.20	63.60	188.60	68.60	230.00	73.00
BRR-C-3150-SM-2		3	183.90	87.30	229.80	95.40	282.90	102.90	345.00	109.50
BRR-C-4200-SM-3	6MK1-500	4	245.20	116.40	306.40	127.20	377.20	137.20	460.00	146.00
BRR-C-5250-SM-4		5	306.50	145.50	383.00	159.00	471.50	171.50	575.00	182.50
BRR-C-6300-SM-5		6	367.80	174.60	459.60	190.80	565.80	205.80	690.00	219.00

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+ 38°C，冷凝温度+ 45°C，制冷剂R22。
Power supply: 380V/3P/50Hz.Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.
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If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

其他技术参数

Other Technical Data

中高温

MT&HT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	
BRR-C-375-SM-2	75	88	54	2*54	2*22	1	2	2	N
BRR-C-4100-SM-3	100	118	54	3*54	3*22	1	3	3	N
BRR-C-5125-SM-4	125	147	67	4*54	4*22	1	4	4	N
BRR-C-6150-SM-5	150	177	67	5*54	5*22	1	5	5	N
BRR-C-390-SM-2	90	96	54	2*67	2*28	1	2	2	N
BRR-C-4120-SM-3	120	128	54	3*67	3*22	1	3	3	N
BRR-C-5150-SM-4	150	160	67	4*54	4*22	1	4	4	N
BRR-C-6180-SM-5	180	192	67	5*54	5*22	1	5	5	N
BRR-C-270-SM-1	70	83	54	79	35	1	1	1	N
BRR-C-3105-SM-2	105	125	54	2*79	2*28	1	2	2	N
BRR-C-4140-SM-3	140	166	67	3*67	3*28	1	3	3	N
BRR-C-5175-SM-4	175	208	67	4*67	4*28	1	4	4	N
BRR-C-6210-SM-5	210	249	79	5*67	5*28	1	5	5	N
BRR-C-280-SM-1	80	100	54	89	35	1	1	1	N
BRR-C-3120-SM-2	120	149	67	2*79	2*35	1	2	2	N
BRR-C-4160-SM-3	160	199	67	3*79	3*28	1	3	3	N
BRR-C-5200-SM-4	200	249	79	4*67	4*28	1	4	4	N
BRR-C-6240-SM-5	240	299	79	5*67	5*28	1	5	5	N
BRR-C-2100-SM-1	100	132	54	108	35	1	1	1	N
BRR-C-3150-SM-2	150	198	67	2*89	2*35	1	2	2	N
BRR-C-4200-SM-3	200	264	79	3*79	3*28	1	3	3	N
BRR-C-5250-SM-4	250	330	79	4*79	4*28	1	4	4	N
BRR-C-6300-SM-5	300	396	79	5*79	5*28	1	5	5	N

所有机组对外管路尺寸可根据客户需求定制。
All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.
所有标准机组（R22）预先充注矿物油，404A机组预先充注聚酯油。
All rack system using R22 should be charged mineral oil in advance, otherwise polyester.
外形尺寸为标准，如果有特殊要求请联系我们当地代表处。
If you have special requirement for dimension, please contact local representative office of our company.
部分表示轻型框架并联机组，部分代表无吸气球阀及电子低液位报警的型号。
Only for Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

制冷量及输入功率参数

Capacity and Input Power

中低温

MT&LT

型号 Model	压缩机 Compressor		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		蒸发温度SET -20°C	
	型号 Model	数量 Qty	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power
BRR-C-345-SLY-A2	4ML1-15X	3	18.93	223.10	27.81	27.51	38.40	32.10	51.15	36.90	66.60	41.40
BRR-C-460-SLY-A3		4	25.24	30.80	37.08	36.68	51.20	42.80	68.20	49.20	88.80	55.20
BRR-C-575-SLY-A4		5	31.55	38.50	46.35	45.85	64.00	53.50	85.25	61.50	111.00	69.00
BRR-C-690-SLY-A5		6	37.86	46.20	55.62	55.02	76.80	64.20	102.30	73.80	133.20	82.80
BRR-C-360-SLY-A2	4MM1-20X	3	21.99	25.83	31.80	30.75	43.35	35.85	57.15	40.80	73.50	45.60
BRR-C-480-SLY-A3		4	29.32	34.44	42.40	41.00	57.80	47.80	76.20	54.40	98.00	60.80
BRR-C-5100-SLY-A4		5	36.65	43.05	53.00	51.25	72.25	59.75	95.25	68.00	122.50	76.00
BRR-C-6120-SLY-A5		6	43.98	51.66	63.60	61.50	86.70	71.70	114.30	81.60	147.00	91.20
BRR-C-250-SLY-A1	4MU1-25X	2	18.30	21.80	26.00	26.00	35.40	30.40	47.00	34.70	61.00	38.90
BRR-C-375-SLY-A2		3	27.45	32.70	39.00	39.00	53.10	45.60	70.50	52.05	91.50	58.35
BRR-C-4100-SLY-A3		4	36.60	43.60	52.00	52.00	70.80	60.80	94.00	69.40	122.00	77.80
BRR-C-5125-SLY-A4		5	45.75	54.50	65.00	65.00	88.50	76.00	117.50	86.75	152.50	97.25
BRR-C-6150-SLY-A5	6MM1-30X	6	54.90	65.40	78.00	78.00	106.20	91.20	141.00	104.10	183.00	116.70
BRR-C-260-SLY-A1		2	22.50	26.70	32.00	31.90	43.40	37.10	57.20	42.20	74.00	47.20
BRR-C-390-SLY-A2		3	33.75	40.05	48.00	47.85	65.10	55.65	85.80	63.30	111.00	70.80
BRR-C-4120-SLY-A3		4	45.00	53.40	64.00	63.80	86.80	74.20	114.40	84.40	148.00	94.40
BRR-C-5150-SLY-A4	6MU1-40X	5	56.25	66.75	80.00	79.75	108.50	92.75	143.00	105.50	185.00	118.00
BRR-C-6180-SLY-A5		6	67.50	80.10	96.00	95.70	130.20	111.30	171.60	126.60	222.00	141.60
BRR-C-280-SLY-A1		2	28.00	33.60	39.80	40.00	54.20	46.60	71.80	53.00	93.20	59.40
BRR-C-3120-SLY-A2		3	42.00	50.40	59.70	60.00	81.30	69.90	107.70	79.50	139.80	89.10
BRR-C-4160-SLY-A3	6MU1-40X	4	56.00	67.20	79.60	80.00	108.40	93.20	143.60	106.00	186.40	118.80
BRR-C-5200-SLY-A4		5	70.00	84.00	99.50	100.00	135.50	116.50	179.50	132.50	233.00	148.50
BRR-C-6240-SLY-A5		6	84.00	100.80	119.40	120.00	162.60	139.80	215.40	159.00	279.60	178.20

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+45°C，制冷剂R22。

Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +45°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective value. If pipe loss is considered in the system, only add 10% capacity.

其他技术参数

Other Technical Data

中低温

MT&LT

型号 Model	匹数 HP	最大工作电流 Max. Operating Current	机组对外管路尺寸 Dimension (mm)			标准支管路数量 No. of Branch Line Ball Valve			电子低液位报警 Electronic Liquid Level Alarm
			排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	
		A	mm	mm	mm				有Y/无N
BRR-C-345-SLY-A2	45	72	35	2"54	2"22	1	2	2	N
BRR-C-460-SLY-A3	60	96	35	3"54	3"22	1	3	3	N
BRR-C-575-SLY-A4	75	121	42	4"54	4"22	1	4	4	N
BRR-C-690-SLY-A5	90	145	42	5"54	5"16	1	5	5	N
BRR-C-360-SLY-A2	60	81	35	2"54	2"22	1	2	2	N
BRR-C-480-SLY-A3	80	108	42	3"54	3"22	1	3	3	N
BRR-C-5100-SLY-A4	100	135	42	4"54	4"22	1	4	4	N
BRR-C-6120-SLY-A5	120	162	54	5"54	5"22	1	5	5	N
BRR-C-250-SLY-A1	50	70	35	79	28	1	1	1	N
BRR-C-375-SLY-A2	75	104	42	2"67	2"22	1	2	2	N
BRR-C-4100-SLY-A3	100	139	42	3"67	3"22	1	3	3	N
BRR-C-5125-SLY-A4	125	174	54	4"54	4"22	1	4	4	N
BRR-C-6150-SLY-A5	150	209	54	5"54	5"22	1	5	5	N
BRR-C-260-SLY-A1	60	84	35	79	28	1	1	1	N
BRR-C-390-SLY-A2	90	126	42	2"67	2"28	1	2	2	N
BRR-C-4120-SLY-A3	120	168	54	3"67	3"22	1	3	3	N
BRR-C-5150-SLY-A4	150	210	54	4"67	4"22	1	4	4	N
BRR-C-6180-SLY-A5	180	253	54	5"67	5"22	1	5	5	N
BRR-C-280-SLY-A1	80	103	42	79	28	1	1	1	N
BRR-C-3120-SLY-A2	120	155	54	2"79	2"28	1	2	2	N
BRR-C-4160-SLY-A3	160	207	54	3"67	3"28	1	3	3	N
BRR-C-5200-SLY-A4	200	258	54	4"67	4"22	1	4	4	N
BRR-C-6240-SLY-A5	240	310	67	5"67	5"22	1	5	5	N

所有机组对外管路尺寸可根据客户需求定制。

All pipe sizes of rack systems can be customized by customer's requirement, such as liquid pipe and suction pipe.

所有标准机组（R22）预先充注矿物油，404A机组预先充注聚酯油。

All rack system using R22 should be charged mineral oil in advance, otherwise polyester.

外形尺寸为标准，如果有特殊要求请联系我当地代表处。

If you have special requirement for dimension, please contact local representative office of our company.

部分表示轻型框架并联机组，部分代表无吸气球阀及电子低液位报警的型号。

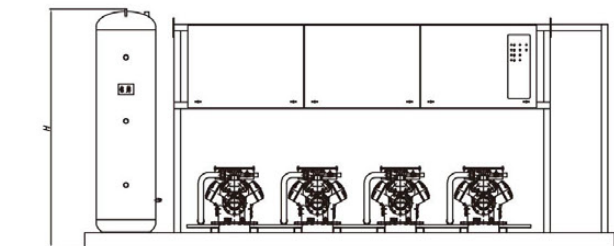
Only for Small Light Frame Rack System, Only for Rack System without suction valve and electronic liquid level alarm.

重型活塞并联机组-BRR系列
 BRR Stream Rack

尺寸参数
 Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR-C-375-SM-2	3105	1200	1770	2000
BRR-C-4100-SM-3	3755	1200	1770	2350
BRR-C-5125-SM-4	4415	1200	1940	2700
BRR-C-6150-SM-5	5065	1200	1940	3100
BRR-C-390-SM-2	3105	1200	1770	2000
BRR-C-4120-SM-3	3755	1200	1770	2400
BRR-C-5150-SM-4	4415	1200	1940	2700
BRR-C-6180-SM-5	5065	1200	1940	3100
BRR-C-270-SM-1	2455	1200	1770	1600
BRR-C-3105-SM-2	3105	1200	1825	2000
BRR-C-4140-SM-3	3765	1200	1940	2350
BRR-C-5175-SM-4	4755	1200	1770	2750
BRR-C-6210-SM-5	5405	1200	1990	3200
BRR-C-280-SM-1	2455	1200	1770	1600
BRR-C-3120-SM-2	3115	1200	1940	2000
BRR-C-4160-SM-3	3765	1200	1940	2350
BRR-C-5200-SM-4	4755	1200	1990	2800
BRR-C-6240-SM-5	5405	1200	1990	3200
BRR-C-2100-SM-1	2455	1200	1770	1600
BRR-C-3150-SM-2	3115	1200	1940	2000
BRR-C-4200-SM-3	4105	1200	1990	2350
BRR-C-5250-SM-4	4805	1200	1990	2800
BRR-C-6300-SM-5	5455	1200	1990	3200

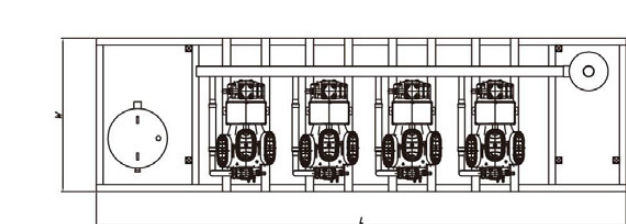
型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR-C-345-SL-A2	3105	1200	1770	2000
BRR-C-460-SL-A3	3750	1200	1770	2350
BRR-C-575-SL-A4	4405	1200	1770	2650
BRR-C-690-SL-A5	5055	1200	1770	3100
BRR-C-360-SL-A2	3100	1200	1770	2000
BRR-C-480-SL-A3	3750	1200	1760	2400
BRR-C-5100-SL-A4	4405	1200	1770	2700
BRR-C-6120-SL-A5	5055	1200	1770	3100
BRR-C-250-SL-A1	2455	1200	1755	1600
BRR-C-375-SL-A2	3100	1200	1760	2000
BRR-C-4100-SL-A3	3755	1200	1770	2300
BRR-C-5125-SL-A4	4405	1400	1770	2800
BRR-C-6150-SL-A5	5065	1400	1940	3300
BRR-C-260-SL-A1	2455	1200	1755	1600
BRR-C-390-SL-A2	3105	1200	1770	1950
BRR-C-4120-SL-A3	3755	1200	1770	2350
BRR-C-5150-SL-A4	4415	1400	1940	3000
BRR-C-6180-SL-A5	5065	1400	1940	3400
BRR-C-280-SL-A1	2450	1200	1755	1600
BRR-C-3120-SL-A2	3105	1200	1825	2000
BRR-C-4160-SL-A3	3755	1400	1770	2650
BRR-C-5200-SL-A4	4415	1400	1940	3100
BRR-C-6240-SL-A5	5065	1400	1940	3500



尺寸参数
 Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR-C-375-SMY-2	3105	1200	1770	2000
BRR-C-4100-SMY-3	3765	1200	1940	2350
BRR-C-5125-SMY-4	4415	1200	1940	2700
BRR-C-6150-SMY-5	5405	1200	1770	3100
BRR-C-390-SMY-2	3115	1200	1940	2000
BRR-C-4120-SMY-3	3765	1200	1940	2400
BRR-C-5150-SMY-4	4750	1200	1770	2700
BRR-C-6180-SMY-5	5405	1200	1910	3100
BRR-C-270-SMY-1	2455	1200	1770	1600
BRR-C-3105-SMY-2	3115	1200	1940	2000
BRR-C-4140-SMY-3	4100	1200	1770	2350
BRR-C-5175-SMY-4	4805	1200	1990	2800
BRR-C-6210-SMY-5	5405	1200	1990	3200
BRR-C-280-SMY-1	2455	1200	1770	1600
BRR-C-3120-SMY-2	3115	1200	1940	2000
BRR-C-4160-SMY-3	4100	1200	1910	2350
BRR-C-5200-SMY-4	4805	1200	1990	2800
BRR-C-6240-SMY-5	5405	1200	1990	3200
BRR-C-2100-SMY-1	2465	1200	1940	1600
BRR-C-3150-SMY-2	3450	1200	1810	2000
BRR-C-4200-SMY-3	4155	1200	1990	2350
BRR-C-5250-SMY-4	4750	1200	1990	2800
BRR-C-6300-SMY-5	5550	1200	1990	3200

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BRR-C-345-SLY-A2	3105	1200	1760	2000
BRR-C-460-SLY-A3	3750	1200	1700	2350
BRR-C-575-SLY-A4	4405	1200	1770	2700
BRR-C-690-SLY-A5	5065	1200	1940	3100
BRR-C-360-SLY-A2	3105	1200	1770	2000
BRR-C-480-SLY-A3	3750	1200	1770	2400
BRR-C-5100-SLY-A4	4415	1200	1940	2700
BRR-C-6120-SLY-A5	5065	1200	1940	3100
BRR-C-250-SLY-A1	2450	1200	1755	1600
BRR-C-375-SLY-A2	3105	1200	1770	2000
BRR-C-4100-SLY-A3	3755	1200	1770	2300
BRR-C-5125-SLY-A4	4415	1400	1940	2800
BRR-C-6150-SLY-A5	5405	1400	1770	3300
BRR-C-260-SLY-A1	2450	1200	1770	1600
BRR-C-390-SLY-A2	3105	1200	1770	2000
BRR-C-4120-SLY-A3	3755	1200	1940	2400
BRR-C-5150-SLY-A4	4415	1400	1940	3000
BRR-C-6180-SLY-A5	5405	1400	1770	3400
BRR-C-280-SLY-A1	2455	1200	1770	1600
BRR-C-3120-SLY-A2	3105	1200	1940	2000
BRR-C-4160-SLY-A3	3755	1400	1940	2650
BRR-C-5200-SLY-A4	4750	1400	1770	3100
BRR-C-6240-SLY-A5	5405	1400	1910	3500



螺杆并联机组

BSCR Rack系列



低温 150 — 450 HP

中温 180 — 540 HP



BEIJER REF

BSCR Rack
Screw Rack



稳定可靠 Stable and Reliable

- 知名压缩机。
- High quality and world famous compressors.
- 99%分油效率的新型油分离系统, 机组开机无须添加润滑油。
- 99% efficiency oil separating system , eliminating the need of adding oil during system start up.
- 高压控制系统 (可选配置) 保证了即使在冬天极低环境温度下, 系统保持12Bar冷凝压力并能效率运行。
- Unique constant head pressure Control system, maintaining condensing pressure at 12 Bar and enhancing system efficiency during winter at low ambient temperature condition (optional).
- 每台机组出厂均标配电脑控制器, 自动调节压缩机运行时间, 延长压缩机使用寿命。
- Microprocessor controller allows automatic regulation of compressor operating time, prolonged compressor life span.
- 配套使用 "浮动盘管" 技术的WRC系列风冷冷凝器, 其长寿命设计使系统运行更稳定。
- If equipped with KIRBY air cooler condenser which uses Floating Coil technology, it is highly efficient, long operating life which ensures a stable system operation.
- 每台机组出厂均标配包括缺相、反相序过电压、欠电压、油压、高压、低压、电子式低液位、电子式电机过载在内的全套安全保护模块。
- Rack completes with phase loss, phase reversal, over/under voltage monitor, oil pressure failure switch, high pressure and low pressure switch and electronic motor over load protector.
- 汽液分离设计免液击。
- Special design for suction accumulator can maximize avoiding liquid impact.
- 预留有远端报警出线点, 方便客户监控。
- Alarm output connection for remote alarm monitoring.

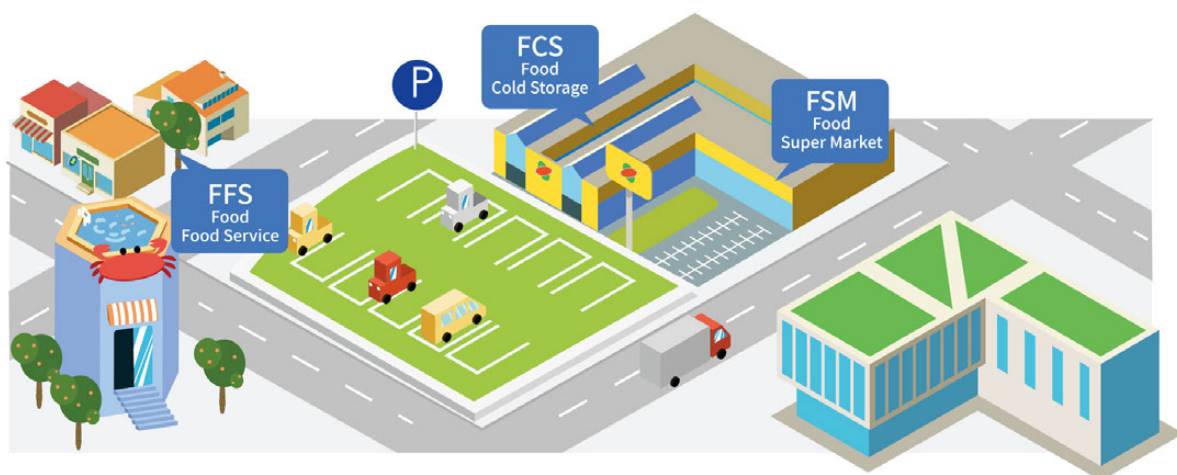


节能

High efficiency and saving energy

- 在日常部分负荷情况下, 控制器自动切换为自适应控制模式, 为终端用户节能。
- In the case of daily partial load, the controller automatically switches to adaptive control mode to save energy for end users.
- 管路设计, 降低管路压力损失, 提高机组效率。
- Accurate pipeline design, reduce pipeline pressure drop, improve unit efficiency.
- 可配比不等大小压缩机, 提供更多的调节级数, 冷量输出可以更加平滑地动态匹配实际负荷。
- Can use different compressors in the same system and balance dynam cooling capacity output.
- 采用油分离器, 润滑油只有很少一部分进入系统, 提高了换热器的效率。
- Use high efficiency oil separating system, drastically reduce lubrication oil migrating to system and improve heat exchange efficiency of evaporator and condenser.
- 在提高冷柜/冷库温度品质的同时, 也降低了蒸发器的湿负荷, 降低了除霜的次数和时间, 提高了系统的效率。
- Improve showcase/cold storage humidity quality, decrease evaporator wet capacity, reduce defrost time and raise system efficiency.
- 可靠的自动温控热水回收装置, 使节能更明显。
- With high efficiency automatic heat reclaim system, enhance energy saving.
- 机组可选用我司热气化霜方案, Priority II, 降低了除霜耗电, 使系统更节能。
- Select KIRBY gas defrost solution Priority II, reduce energy consumption.

市场范围 Market Segments



• 餐饮 Food Service

• 超市 Super Market

• 冷冻冷藏 Cold Storage

命名规则 Nomenclature

螺杆并联机组
BSCR RACK

B₍₁₎ **SCR**₍₂₎ **4**₍₃₎ **300**₍₄₎ **-X**₍₅₎ **-L**₍₆₎ **Y**₍₇₎

(1) 公司名称	(1) Beijer Ref
(2) SCR:螺杆并联压缩机组	(2) SCR:Screw Rack System
(3) 4:压缩机数量	(3) 4:Compressor No.
(4) 300:总匹数	(4) 300:Total HP
(5) X:单级压缩 B:低压级 T:双级压缩	(5) X:Single Stage B:Booster T:Two Stage
(6) L:中低温(蒸发温度:-45~-25℃) M:中温(蒸发温度:-15~0℃)	(6) L:Low Temp(Evaporating temp.range:-45~-25) M:Medium Temp(Evaporating temp.range:-15~0℃)
(7) 润滑油种类 空白:矿物油 Y:聚酯油	(7) Types of oil Blank:Mineral Oil(R22) Y:Polyester Oil(R404A,R507A)

描述

Description

- 节约能源, 按需提供冷量, 比配备单个独立式机组节能20%以上。
- On-demand cooling capacity saves 20% or more energy compared with single independent unit .
- 结构紧凑, 多个机头集中安装, 节约机房占地空间。
- Compact and structure compressor configuration.
- 全自动化, 采用进口品牌的机组专用控制器。
- Full automated special rack controller with world-renowned brands.

制冷量与输入功率 (R22)
Capacity and Input Power (R22)

中温
MT

型号 Model	蒸发温度SET -15℃		蒸发温度SET -10℃		蒸发温度SET -5℃		蒸发温度SET 0℃		蒸发温度SET 5℃		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2180-XM	231.4	105.8	284	108.2	344	111.2	412.8	114.6	491	118.4	14000
BSCR3240-XM	314.1	145.5	386.4	145.8	469.8	146.7	566.1	148.8	675.9	152.7	17800
BSCR3270-XM	347.1	158.7	426	162.3	516	166.8	619.2	171.9	736.5	177.6	20700
BSCR4320-XM	418.8	194	515.2	194.4	626.4	195.6	754.8	198.4	901.2	203.6	23800
BSCR4360-XM	462.8	211.6	568	216.4	688	222.4	825.6	229.2	982	236.8	27700
BSCR5400-XM	523.5	242.5	644	243	783	244.5	943.5	248	1126.5	254.5	29700
BSCR7490-XM	659.4	315	809.9	315	984.2	315	1183.7	315	1412.6	315	36800

其他技术参数 (R22)
Other Technical Data (R22)

中温
MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BSCR2180-XM	180	HSK7471-90	2	340	DN65	DN80	42	1	2	2
BSCR3240-XM	240	HSK7461-80	3	454	DN80	DN100	42	1	2	2
BSCR3270-XM	270	HSK7471-90	3	508	DN80	DN100	42	1	2	2
BSCR4320-XM	320	HSK7461-80	4	604	DN100	DN100	42	1	3	3
BSCR4360-XM	360	HSK7471-90	4	676	DN100	DN100	42	1	3	3
BSCR5400-XM	400	HSK7461-80	5	764	DN100	DN100	42	1	4	4
BSCR7490-XM	490	HSK7451-70	7	912	DN100	DN100	42	1	4	4

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.
名义制冷量及输入功率基于环境温度+38℃，冷凝温度+40℃，制冷剂R22。
Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +40℃ and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R22)

Capacity and Input Power (R22)

低温

LT

型号 Model	蒸发温度SET -15℃		蒸发温度SET -10℃		蒸发温度SET -5℃		蒸发温度SET 0℃		蒸发温度SET 5℃		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2250-XM	331.6	146.8	407.6	147.2	495.4	148.2	596.4	150.4	712	154	18000
BSCR3375-XM	497.4	220.2	611.4	220.8	743.1	222.3	894.6	225.6	1068	231	27000
BSCR3420-XM	573.3	247.5	702.3	252.9	851.1	259.8	1021.8	268.5	1216.8	278.4	32500
BSCR4500-XM	663.2	293.6	815.2	294.4	990.8	296.4	1192.8	300.8	1424	308	36000
BSCR4560-XM	764.4	330	936.4	337.2	1134.8	346.4	1362.4	358	1622.4	371.2	43400

其他技术参数 (R22)

Other Technical Data (R22)

中温

MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR2250-XM	250	HSK8561-125	2	432	DN80	DN100	42	1	2	2
BSCR3375-XM	375	HSK8561-125	3	648	DN100	DN125	54	1	2	2
BSCR3420-XM	420	HSK8571-140	3	738	DN100	DN125	54	1	2	2
BSCR4500-XM	500	HSK8561-125	4	864	DN125	DN125	54	1	3	3
BSCR4560-XM	560	HSK8571-140	4	984	DN125	DN125	54	1	3	3

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于环境温度+38℃，冷凝温度+40℃，制冷剂R22。
Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +40℃ and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R22)
Capacity and Input Power (R22)

低温
LT

型号 Model	蒸发温度SET -45°C		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET 30°C		蒸发温度SET -25°C		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2150-XL	76.6	88.2	99.6	91.8	126.2	95.2	156.6	98.8	191.2	102.4	9000
BSCR3210-XL	105.3	124.5	137.4	129.3	174.3	134.1	216.9	138.6	265.5	143.1	12500
BSCR3225-XL	114.9	132.3	149.4	137.7	189.3	142.8	234.9	148.2	286.8	153.6	13500
BSCR4280-XL	140.4	166	183.2	172.4	232.4	178.8	289.2	184.8	354	190.8	16700
BSCR4300-XL	153.2	176.4	199.2	183.6	252.4	190.4	313.2	197.6	382.4	204.8	18000
BSCR5350-XL	175.5	207.5	229	215.5	290.5	223.5	361.5	231	442.5	238.5	21000
BSCR5375-XL	191.5	220.5	249	229.5	315.5	238	391.5	247	478	256	22500
BSCR6420-XL	210.6	249	274.8	258.6	348.6	268.2	433.8	277.2	531	286.2	25000

其他技术参数 (R22)
Other Technical Data (R22)

中温
MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR2150-XL	150	HSN7471-75	2	304	DN50	DN80	28	1	2	2
BSCR3210-XL	210	HSN7461-70	3	388	DN65	DN100	28	1	2	2
BSCR3225-XL	225	HSN7471-75	3	448	DN65	DN100	28	1	2	2
BSCR4280-XL	280	HSN7461-70	4	517	DN65	DN80	28	1	3	3
BSCR4300-XL	300	HSN7471-75	4	597	DN65	DN80	28	1	3	3
BSCR5350-XL	350	HSN7461-70	5	648	DN80	DN80	28	1	4	4
BSCR5375-XL	375	HSN7471-75	5	748	DN80	DN80	28	1	4	4
BSCR6420-XL	420	HSN7461-70	6	772	DN80	DN100	28	1	4	4

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.
名义制冷量及输入功率基于环境温度+38°C，冷凝温度+40°C，制冷剂R22。
Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +40°C and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R22)

Capacity and Input Power (R22)

低温

LT

型号 Model	蒸发温度SET -45°C		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET 30°C		蒸发温度SET -25°C		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2220-XL	107.8	142.6	136.4	142.8	173	146.2	217.2	151.4	269.4	157.4	13800
BSCR2250-XL	131.4	133.8	169.4	141.8	213.2	149.2	263.8	156.6	321.4	164	14500
BSCR2320-XL	165.4	185.4	213.8	194.6	269.6	203	334	210.8	407.6	218.4	19200
BSCR3375-XL	197.1	200.7	254.1	212.7	319.8	223.8	395.7	234.9	482.1	246	22000
BSCR3480-XL	248.1	278.1	320.7	291.9	404.4	304.5	501	316.2	611.4	327.6	28700
BSCR4500-XL	262.8	267.6	338.8	283.6	426.4	298.4	527.6	313.2	642.8	328	28700
BSCR4640-XL	330.8	370.8	427.6	389.2	539.2	406	668	421.6	815.2	436.8	38000

其他技术参数 (R22)

Other Technical Data (R22)

中温

MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR2220-XL	220	HSN8561-110	2	394	DN65	DN100	35	1	2	2
BSCR2250-XL	250	HSN8571-125	2	432	DN65	DN100	35	1	2	2
BSCR2320-XL	320	HSN8591-160	2	548	DN80	DN100	35	1	2	2
BSCR3375-XL	375	HSN8571-125	3	648	DN80	DN125	42	1	2	2
BSCR3480-XL	480	HSN8591-160	3	822	DN100	DN125	42	1	2	2
BSCR4500-XL	500	HSN8571-125	4	864	DN100	DN125	35	1	3	3
BSCR4640-XL	640	HSN8591-160	4	1096	DN100	DN125	42	1	3	3

机组供电380V/3P/50Hz。
Power supply: 380V/3P/50Hz.

名义制冷量及输入功率基于环境温度+38°C，冷凝温度+40°C，制冷剂R22。
Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +40°C and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)
Capacity and Input Power (R404A)

中温
MT

型号 Model	蒸发温度SET -15℃		蒸发温度SET -10℃		蒸发温度SET -5℃		蒸发温度SET 0℃		蒸发温度SET 5℃		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2180-XMY	234.6	122	290	124.8	354.8	127.8	430	131	517.4	134.4	16000
BSCR3240-XMY	321.6	167.7	397.2	169.8	486	171.3	589.8	173.1	710.1	174.9	20500
BSCR3270-XMY	351.9	183	435	187.2	532.2	191.7	645	196.5	776.1	201.6	23500
BSCR4320-XMY	428.8	223.6	529.6	226.4	648	228.4	786.4	230.8	946.8	233.2	27000
BSCR4360-XMY	469.2	244	580	249.6	709.6	255.6	860	262	1034.8	268.8	31500
BSCR5400-XMY	536	279.5	662	283	810	285.5	983	288.5	1183.5	291.5	34000
BSCR7490-XMY	654.5	359.8	811.3	358.4	994.7	356.3	1208.9	353.5	1458.1	350	41000

其他技术参数 (R404A)
Other Technical Data (R404A)

中温
MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BSCR2180-XMY	180	HSK7471-90	2	324	DN65	DN80	54	1	2	2
BSCR3240-XMY	240	HSK7461-80	3	432	DN80	DN100	54	1	2	2
BSCR3270-XMY	270	HSK7471-90	3	486	DN80	DN100	54	1	2	2
BSCR4320-XMY	320	HSK7461-80	4	576	DN100	DN100	54	1	3	3
BSCR4360-XMY	360	HSK7471-90	4	648	DN100	DN100	54	1	3	3
BSCR5400-XMY	400	HSK7461-80	5	720	DN100	DN100	54	1	4	4
BSCR7490-XMY	490	HSK7451-70	7	868	DN125	DN100	54	1	4	4

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+40℃，制冷剂R404A。
Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +40℃ and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)

Capacity and Input Power (R404A)

中温

MT

型号 Model	蒸发温度SET -15°C		蒸发温度SET -10°C		蒸发温度SET -5°C		蒸发温度SET 0°C		蒸发温度SET 5°C		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2250-XMY	331.4	171.6	410.2	174.4	503	177.6	611.4	181.4	737.4	185.2	21600
BSCR3375-XMY	497.1	257.4	615.3	261.6	754.5	266.4	917.1	272.1	1106.1	277.8	32500
BSCR3420-XMY	573.9	289.2	706.8	294.6	862.8	301.2	1044.6	308.4	1255.5	315.9	37000
BSCR4500-XMY	662.8	343.2	820.4	348.8	1006	355.2	1222.8	362.8	1474.8	370.4	43300
BSCR4560-XMY	765.2	385.6	942.4	392.8	1150.4	401.6	1392.8	411.2	1674	421.2	49000

其他技术参数 (R404A)

Other Technical Data (R404A)

中温

MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current A	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					mm	mm	mm			
BSCR2250-XMY	250	HSK8561-125	2	432	DN80	DN100	54	1	2	2
BSCR3375-XMY	375	HSK8561-125	3	648	DN100	DN125	67	1	2	2
BSCR3420-XMY	420	HSK8571-140	3	738	DN100	DN125	67	1	2	2
BSCR4500-XMY	500	HSK8561-125	4	864	DN125	DN125	67	1	3	3
BSCR4560-XMY	560	HSK8571-140	4	984	DN125	DN125	67	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+40°C，制冷剂R404A。

Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +40°C and refrigerant R404A.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。

If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。

All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)
Capacity and Input Power (R404A)

低温
LT

型号 Model	蒸发温度SET -45°C		蒸发温度SET -40°C		蒸发温度SET -35°C		蒸发温度SET -30°C		蒸发温度SET -25°C		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2150-XLY	86	101.4	109	106	135.4	111	165.8	116.2	200.8	121.4	11000
BSCR3210-XLY	119.7	143.1	153	148.8	191.7	154.5	236.1	160.2	286.5	165.6	14500
BSCR3225-XLY	129	152.1	163.5	159	203.1	166.5	248.7	174.3	301.2	182.1	16000
BSCR4280-XLY	159.6	190.8	204	198.4	255.6	206	314.8	213.6	382	220.8	19500
BSCR4300-XLY	172	202.8	218	212	270.8	222	331.6	232.4	401.6	242.8	21500
BSCR5350-XLY	199.5	238.5	255	248	319.5	257.5	393.5	267	477.5	276	24000
BSCR5375-XLY	215	253.5	272.5	265	338.5	277.5	414.5	290.5	502	303.5	26600
BSCR6420-XLY	239.4	286.2	306	297.6	383.4	309	472.2	320.4	573	331.2	29000

其他技术参数 (R404A)
Other Technical Data (R404A)

低温
LT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR2150-XLY	150	HSN7471-75	2	304	DN50	DN80	35	1	2	2
BSCR3210-XLY	210	HSN7461-70	3	388	DN65	DN100	35	1	2	2
BSCR3225-XLY	225	HSN7471-75	3	448	DN80	DN100	35	1	2	2
BSCR4280-XLY	280	HSN7461-70	4	517	DN80	DN100	35	1	3	3
BSCR4300-XLY	300	HSN7471-75	4	597	DN80	DN100	35	1	3	3
BSCR5350-XLY	350	HSN7461-70	5	648	DN80	DN80	35	1	4	4
BSCR5375-XLY	375	HSN7471-75	5	748	DN80	DN80	35	1	4	4
BSCR6420-XLY	420	HSN7461-70	6	772	DN80	DN100	35	1	4	4

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38°C，冷凝温度+40°C，制冷剂R404A。
Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38°C, condensing temperature +40°C and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)

Capacity and Input Power (R404A)

低温

LT

型号 Model	蒸发温度SET -45℃		蒸发温度SET -40℃		蒸发温度SET -35℃		蒸发温度SET -30℃		蒸发温度SET -25℃		通风量 (Air Flow) m3/h
	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	制冷量 Capacity	功率 Input Power	
BSCR2220-XLY	111	157.4	144.6	161.4	184.4	167.2	230.6	173.8	284.4	180.2	15800
BSCR2250-XLY	141	161.4	178.8	167.8	222.4	175	272.6	183	330.2	192	16800
BSCR2320-XLY	172.8	209.8	220.6	220.4	275.6	229.8	338.6	238.6	411.2	247	21600
BSCR3375-XLY	211.5	242.1	268.2	251.7	333.6	262.5	408.9	274.5	495.3	288	25000
BSCR3480-XLY	259.2	314.7	330.9	330.6	413.4	344.7	507.9	357.9	616.8	370.5	32500
BSCR4500-XLY	282	322.8	357.6	335.6	444.8	350	545.2	366	660.4	384	33600
BSCR4640-XLY	345.6	419.6	441.2	440.8	551.2	459.6	677.2	477.2	822.4	494	43300

其他技术参数 (R404A)

Other Technical Data (R404A)

低温

LT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR2220-XLY	220	HSN8561-110	2	394	DN65	DN100	35	1	2	2
BSCR2250-XLY	250	HSN8571-125	2	432	DN65	DN100	42	1	2	2
BSCR2320-XLY	320	HSN8591-160	2	548	DN80	DN100	54	1	2	2
BSCR3375-XLY	375	HSN8571-125	3	648	DN80	DN125	54	1	2	2
BSCR3480-XLY	480	HSN8591-160	3	822	DN100	DN125	54	1	2	2
BSCR4500-XLY	500	HSN8571-125	4	864	DN100	DN125	54	1	3	3
BSCR4640-XLY	640	HSN8591-160	4	1096	DN100	DN125	54	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于环境温度+38℃，冷凝温度+40℃，制冷剂R404A。
Power supply: 380V/3P/50Hz. Nominal cooling capacity and input power are based on ambient temperature +38℃, condensing temperature +40℃ and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们公司当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

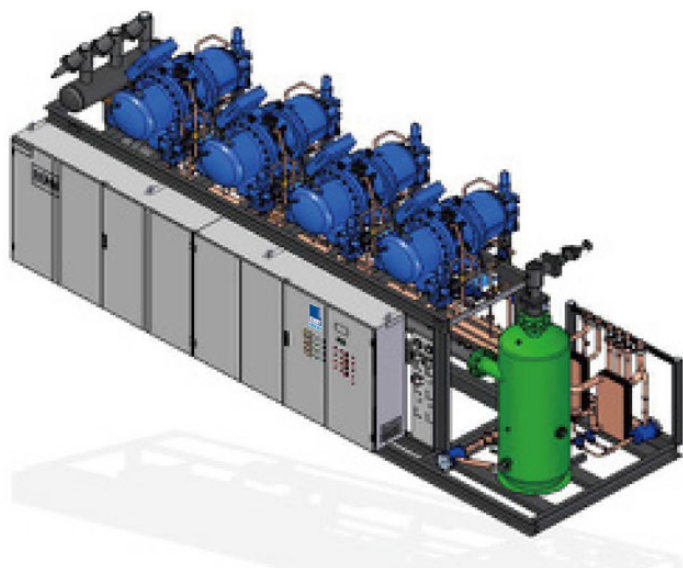
尺寸参数
Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BSCR2180-XM	3520	1750	2100	1700
BSCR3240-XM	4280	1750	2100	2300
BSCR3270-XM	4280	1750	2100	2450
BSCR4320-XM	5040	1750	2100	2900
BSCR4360-XM	5040	1750	2100	3000
BSCR5400-XM	6000	2200	2100	3550
BSCR7490-XM	7520	2200	2100	5000
BSCR2250-XM	3900	2000	2000	2850
BSCR3375-XM	4800	2000	2200	4000
BSCR3420-XM	4800	2000	2200	4000
BSCR4500-XM	5800	2200	2300	5000
BSCR4560-XM	5800	2200	2300	5000
BSCR2220-XL	4300	2000	2000	3450
BSCR2250-XL	4300	2000	2000	3450
BSCR2320-XL	4300	2000	2000	3450
BSCR3375-XL	5200	2200	2200	4600
BSCR3480-XL	5200	2200	2200	4600
BSCR4500-XL	5800	2300	2300	5750
BSCR4640-XL	5800	2300	2300	5750
BSCR2150-XL	3520	1750	2100	1900
BSCR3210-XL	4280	1750	2100	2600
BSCR3225-XL	4280	1750	2100	2650
BSCR4280-XL	5040	1750	2100	3150
BSCR4300-XL	5040	1750	2100	3250
BSCR5350-XL	6000	2200	2100	3750
BSCR5375-XL	6000	2200	2100	3850
BSCR6420-XL	6760	2200	2100	4950
BSCR2180-XMY	3550	1750	2100	1700
BSCR3240-XMY	4300	1750	2100	2300
BSCR3270-XMY	4300	1750	2100	2450
BSCR4320-XMY	5050	1750	2100	2900
BSCR4360-XMY	5050	1750	2100	3000
BSCR5400-XMY	6000	2200	2100	3550
BSCR7490-XMY	7600	2200	2100	5000
BSCR2250-XMY	3900	2000	2000	2850
BSCR3375-XMY	4800	2000	2200	4000
BSCR3420-XMY	4800	2000	2200	4000
BSCR4500-XMY	5800	2200	2300	5000
BSCR4560-XMY	5800	2200	2300	5000
BSCR2220-XLY	4300	2000	2000	3450
BSCR2250-XLY	4300	2000	2000	3450
BSCR2320-XLY	4300	2000	2000	3450
BSCR3375-XLY	5200	2200	2200	4600
BSCR3480-XLY	5200	2200	2200	4600
BSCR4500-XLY	5800	2300	2300	5750
BSCR4640-XLY	5800	2300	2300	5750
BSCR2150-XLY	3550	1750	2100	1900
BSCR3210-XLY	4300	1750	2100	2600
BSCR3225-XLY	4300	1750	2100	2650
BSCR4280-XLY	5050	1750	2100	3150
BSCR4300-XLY	5050	1750	2100	3250
BSCR5350-XLY	6000	2200	2100	3750
BSCR5375-XLY	6000	2200	2100	3850
BSCR6420-XLY	6800	2200	2100	5000

*机组外形尺寸不含分体式储液器。
The overall dimension of the unit does not include the split-type liquid reservoir.

螺杆压缩并联机组

BSCR-H系列



中温 90 500 HP
中低温 125 500 HP
低温 125 500 HP



BEIJER REF

Solution Rack
BSCR-H Series



描述 Description

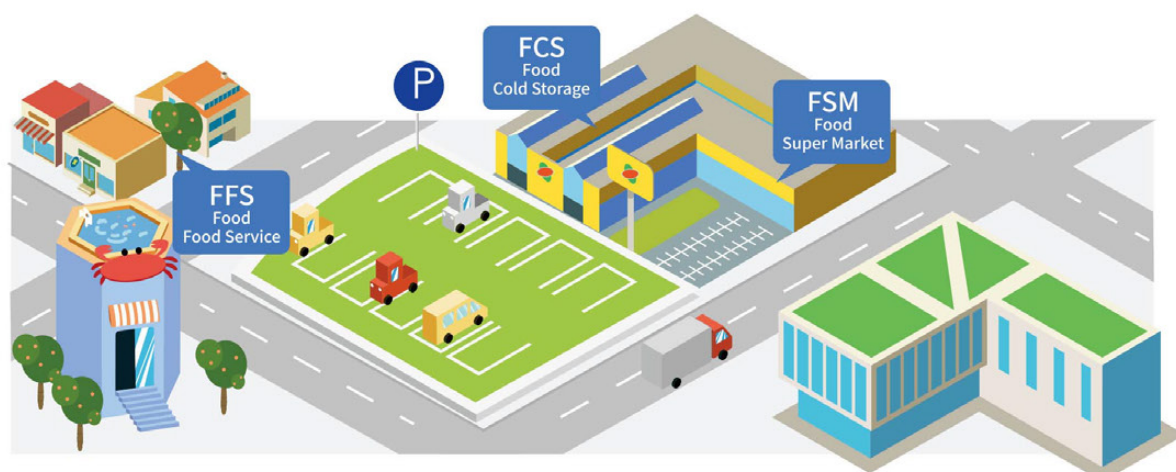
- 不同工况范围，针对性的采用专业压缩机，提高机组效率。
- According to different working condition, adopt the compressor with professional function corresponding to improve the efficiency of the unit.
- 专门针对大型冷库及低温物流配送中心设计，给客户id提供节能解决措施。
- Specially designed for large cold storage and low temperature logistics distribution center, provide customers the perfect energy saving solution.
- 适用温度范围广，适用温度区间连续。
- Wide temperature range, no lack of temperature range.
- 中温机组 90HP 至 500HP，中低温机组 125HP 至 500HP，低温机组 125HP 至 500HP。
- The HP of medium temp unit is 90 to 500, the HP of the medium&low temp unit is 125 to 500, the HP of low temp unit is 125 to 500.



特点 Features

- 与往复式压缩机相比，内部活动部件更少，提高了机组可靠性和压缩机寿命，减少了维修量。
- Compared with reciprocating compressor, screw compressor has less internal moving parts which enhance reliability and reduce repair rate.
- 中低温及低温螺杆并联压缩机使用经济器，系统效率高，运行成本更低。
- Economizers are used in low temp rack and medium&low temp rack system which can improve system efficiency and reduce running cost.
- 具有较高的 COP 值而且满足各类大制冷量的大型冷藏库、速冻库。
- High COP and applicable in large cold storage and blast freezer room where the large cooling capacity required.
- 可使用 R404A, R22 制冷剂。
- R404A and R22.
- 适用范围：各类冷库，大型物流中心，航空配餐中心，酒店等。
- Application: Cold storage, big logistics distribution center, flight catering centre, hotel and etc

市场范围 Market Segments



• 餐饮 Food Service

• 超市 Super Market

• 冷冻冷藏 Cold Storage

命名规则 Nomenclature

螺杆压缩并联机组
SOLUTION RACK

B⁽¹⁾ **SCR**⁽²⁾ **H**⁽³⁾ **4**⁽⁴⁾ **500**⁽⁵⁾ **-X**⁽⁶⁾ **-SL**⁽⁷⁾ **Y**⁽⁸⁾ **XXX**⁽⁹⁾

(1) 公司名称	(1) Beijer Ref
(2) SCR: 螺杆并联压缩机组	(2) SCR: Screw Rack System
(3) 压缩机品牌	(3) Compressor brand
H: 汉钟	H: Hanbell
(4) 4: 压缩机数量	(4) 4: Compressor No.
(5) 300: 总匹数	(5) 300: Total HP
(6) X: 单级压缩	(6) X: Single Stage
(7) SL: 低温(蒸发温度: -40~-30℃)	(7) SL: Low Temp(Evaporating temp.range:-40~-30)
L: 中低温(蒸发温度: -30~-15℃)	L: Medium&Low Temp(Evaporating temp.range:-30~-15)
M: 中温(蒸发温度: -15~+5℃)	M: Medium Temp(Evaporating temp.range:-15~+5)
(8) 润滑油种类	(8) Types of oil
空白: 矿物油	Blank: Mineral Oil(R22)
Y: 聚酯油	Y: Polyester Oil(R404A)
(9) 可选项	(9) Options
G: 汽分	G: Suction accumulator
S: 油温调节阀	S: Oil temperature regulate valve
L: 储液器低液位报警	L: Low level alarm
P: PLC+触摸屏	P: PLC+Touch screen

制冷量与输入功率 (R22)
Capacity and Input Power (R22)

中温
MT

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(°C)					蒸发温度SET(°C)				
	-15	-10	-5	0	5	-15	-10	-5	0	5
BSCR-H-1075-XM	117.5	144.7	176.8	213.7	256.4	48.7	50.8	52.8	54.6	56.1
BSCR-H-1125-XM	190.9	235.7	287.0	346.9	416.2	77.0	80.3	83.5	86.3	88.8
BSCR-H-2180-XM	235.0	289.4	353.6	427.4	512.8	97.4	101.6	105.6	109.2	112.2
BSCR-H-2250-XM	381.8	471.4	574.0	693.8	832.4	154.0	160.6	167.0	172.6	177.6
BSCR-H-3375-XM	572.7	707.1	861.0	1040.7	1248.6	231.0	240.9	250.5	258.9	266.4
BSCR-H-4500-XM	763.6	942.8	1148.0	1387.6	1664.8	308.0	321.2	334.0	345.2	355.2

其他技术参数 (R22)
Other Technical Data (R22)

中温
MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR-H-1075-XM	75	RC2-260BZP	1	171	DN50	DN80	42	1	1	1
BSCR-H-1125-XM	125	RC2-410BZP	1	268	DN65	DN100	54	1	1	1
BSCR-H-2180-XM	180	RC2-260BZP	2	342	DN65	DN80	42	1	2	2
BSCR-H-2250-XM	250	RC2-410BZP	2	536	DN80	DN100	54	1	2	2
BSCR-H-3375-XM	375	RC2-410BZP	3	804	DN100	DN125	65	1	2	2
BSCR-H-4500-XM	500	RC2-410BZP	4	1072	DN100	DN125	65	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40℃，制冷剂R22。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40℃ and refrigerant R22.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R22)
Capacity and Input Power (R22)

中低温
MT<

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(°C)					蒸发温度SET(°C)				
	-30	-27	-25	-20	-15	-30	-27	-25	-20	-15
BSCR-H-1125-XL	129.9	151.2	169.3	220.2	252.7	92.0	94.3	95.6	99.4	103.0
BSCR-H-2150-XL	127.1	147.9	165.7	215.8	247.9	95.0	97.2	98.6	102.6	106.2
BSCR-H-3225-XL	190.7	221.9	248.6	323.7	371.9	142.5	145.8	147.9	153.9	159.3
BSCR-H-2250-XL	259.8	302.4	338.6	440.4	505.4	184.0	188.6	191.2	198.8	206.0
BSCR-H-4300-XL	254.2	295.8	331.4	431.6	495.8	190.0	194.4	197.2	205.2	212.4
BSCR-H-3375-XL	389.7	453.6	507.9	660.6	758.1	276.0	282.9	286.8	298.2	309.0
BSCR-H-4500-XL	519.6	604.8	677.2	880.8	1010.8	368.0	377.2	382.4	397.6	412.0

其他技术参数 (R22)

Other Technical Data (R22)

中低温

MT<

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BSCR-H-1125-XL	125	RC2-510BZP	1	336	DN65	DN100	42	1	1	1
BSCR-H-2150-XL	150	RC2-260BZP	2	342	DN65	DN80	28	1	2	2
BSCR-H-3225-XL	225	RC2-260BZP	3	513	DN80	DN100	35	1	2	2
BSCR-H-2250-XL	250	RC2-510BZP	2	672	DN80	DN100	42	1	2	2
BSCR-H-4300-XL	300	RC2-260BZP	4	684	DN80	DN80	35	1	3	3
BSCR-H-3375-XL	375	RC2-510BZP	3	1008	DN100	DN100	42	1	3	3
BSCR-H-4500-XL	500	RC2-510BZP	4	1344	DN100	DN125	54	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40℃，制冷剂R22。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40℃ and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们公司当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R22)

Capacity and Input Power (R22)

低温

LT

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(℃)					蒸发温度SET(℃)				
	-40	-37	-35	-32	-30	-40	-37	-35	-32	-30
BSCR-H-1125-XSL	84.8	99.4	110.0	126.9	139.1	73.2	74.6	75.6	77.3	78.5
BSCR-H-2150-XSL	98.2	115.4	127.8	147.8	162.2	91.2	96.4	101.2	103.8	105.6
BSCR-H-3225-XSL	147.3	173.1	191.7	221.7	243.3	136.8	144.6	151.8	155.7	158.4
BSCR-H-2250-XSL	169.6	198.8	220.0	253.8	278.2	146.4	149.2	151.2	154.6	157.0
BSCR-H-4300-XSL	196.4	230.8	255.6	295.6	324.4	182.4	192.8	202.4	207.6	211.2
BSCR-H-3375-XSL	254.4	298.2	330.0	380.7	417.3	219.6	223.8	226.8	231.9	235.5
BSCR-H-4500-XSL	339.2	397.6	440.0	507.6	556.4	292.8	298.4	302.4	309.2	314.0

其他技术参数 (R22)

Other Technical Data (R22)

低温

LT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BSCR-H-1125-XSL	125	LB410P	1	233	DN50	DN100	35	1	1	1
BSCR-H-2150-XSL	150	LB250P	2	278	DN50	DN80	28	1	2	2
BSCR-H-3225-XSL	225	LB250P	3	417	DN65	DN80	35	1	2	2
BSCR-H-2250-XSL	250	LB410P	2	466	DN65	DN100	35	1	2	2
BSCR-H-4300-XSL	300	LB250P	4	556	DN65	DN80	28	1	3	3
BSCR-H-3375-XSL	375	LB410P	3	699	DN80	DN125	42	1	2	2
BSCR-H-4500-XSL	500	LB410P	4	932	DN80	DN100	42	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40℃，制冷剂R22。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40℃ and refrigerant R22.

如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们公司当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.

所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)
Capacity and Input Power (R404A)

中温
MT

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(°C)					蒸发温度SET(°C)				
	-15	-10	-5	0	5	-15	-10	-5	0	5
BSCR-H-1075-XMY	123.2	152.6	187.2	227.6	274.4	60.8	63.6	66.0	67.8	68.9
BSCR-H-1125-XMY	195.5	242.1	297.0	361.1	435.3	95.5	99.8	103.6	106.4	108.2
BSCR-H-2180-XMY	246.4	305.2	374.4	455.2	548.8	121.6	127.2	132.0	135.6	137.8
BSCR-H-2250-XMY	391.0	484.2	594.0	722.2	870.6	191.0	199.6	207.2	212.8	216.4
BSCR-H-3375-XMY	586.5	726.3	891.0	1083.3	1305.9	286.5	299.4	310.8	319.2	324.6
BSCR-H-4500-XMY	782.0	968.4	1188.0	1444.4	1741.2	382.0	399.2	414.4	425.6	432.8

其他技术参数 (R404A)
Other Technical Data (R404A)

中温
MT

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension（mm）			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
BSCR-H-1075-XMY	75	RC2-260BZP	1	171	DN50	DN80	54	1	1	1
BSCR-H-1125-XMY	125	RC2-410BZP	1	268	DN65	DN100	65	1	1	1
BSCR-H-2180-XMY	180	RC2-260BZP	2	342	DN65	DN80	54	1	2	2
BSCR-H-2250-XMY	250	RC2-410BZP	2	536	DN80	DN100	65	1	2	2
BSCR-H-3375-XMY	375	RC2-410BZP	3	804	DN100	DN100	65	1	3	3
BSCR-H-4500-XMY	500	RC2-410BZP	4	1072	DN100	DN125	65	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40°C，制冷剂R404A。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40°C and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)
Capacity and Input Power (R404A)

中低温
MT<

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(°C)					蒸发温度SET(°C)				
	-30	-27	-25	-20	-15	-30	-27	-25	-20	-15
BSCR-H-1125-XLY	153.3	177.5	197.6	247.6	283.4	121.2	124.7	127.1	132.9	137.8
BSCR-H-2150-XLY	154.1	178.2	198.5	248.7	284.8	124.0	127.6	130.0	135.8	140.8
BSCR-H-3225-XLY	231.2	267.3	297.8	373.1	427.2	186.0	191.4	195.0	203.7	211.2
BSCR-H-2250-XLY	306.6	355.0	395.2	495.2	566.8	242.4	249.4	254.2	265.8	275.6
BSCR-H-4300-XLY	308.2	356.4	397.0	497.4	569.6	248.0	255.2	260.0	271.6	281.6
BSCR-H-3375-XLY	459.9	532.5	592.8	742.8	850.2	363.6	374.1	381.3	398.7	413.4
BSCR-H-4500-XLY	613.2	710.0	790.4	990.4	1133.6	484.8	498.8	508.4	531.6	551.2

其他技术参数 (R404A)

Other Technical Data (R404A)

中低温

MT<

型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm	mm		
BSCR-H-1125-XLY	125	RC2-510BZP	1	336	DN65	DN100	54	1	1	1
BSCR-H-2150-XLY	150	RC2-260BZP	2	342	DN65	DN80	42	1	2	2
BSCR-H-3225-XLY	225	RC2-260BZP	3	513	DN80	DN100	42	1	2	2
BSCR-H-2250-XLY	250	RC2-510BZP	2	672	DN80	DN100	54	1	2	2
BSCR-H-4300-XLY	300	RC2-260BZP	4	684	DN80	DN80	42	1	3	3
BSCR-H-3375-XLY	375	RC2-510BZP	3	1008	DN100	DN100	54	1	3	3
BSCR-H-4500-XLY	500	RC2-510BZP	4	1344	DN100	DN125	65	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40℃，制冷剂R404A。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40℃ and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

制冷量与输入功率 (R404A)

Capacity and Input Power (R404A)

低温

LT

型号 Model	制冷量Capacity(kW)					功率Input Power(kW)				
	蒸发温度SET(℃)					蒸发温度SET(℃)				
	-40	-37	-35	-32	-30	-40	-37	-35	-32	-30
BSCR-H-1125-XSLY	95.3	110.7	121.7	139.2	151.7	91.1	96.1	97.3	98.9	100.0
BSCR-H-2150-XSLY	112.2	130.2	143.2	163.8	178.6	110.8	116.6	121.0	123.0	124.4
BSCR-H-3225-XSLY	168.3	195.3	214.8	245.7	267.9	166.2	174.9	181.5	184.5	186.6
BSCR-H-2250-XSLY	190.6	221.4	243.4	278.4	303.4	182.2	192.2	194.6	197.8	200.0
BSCR-H-4300-XSLY	224.4	260.4	286.4	327.6	357.2	221.6	233.2	242.0	246.0	248.8
BSCR-H-3375-XSLY	285.9	332.1	365.1	417.6	455.1	273.3	288.3	291.9	296.7	300.0
BSCR-H-4500-XSLY	381.2	442.8	486.8	556.8	606.8	364.4	384.4	389.2	395.6	400.0

其他技术参数 (R404A)

Other Technical Data (R404A)

低温

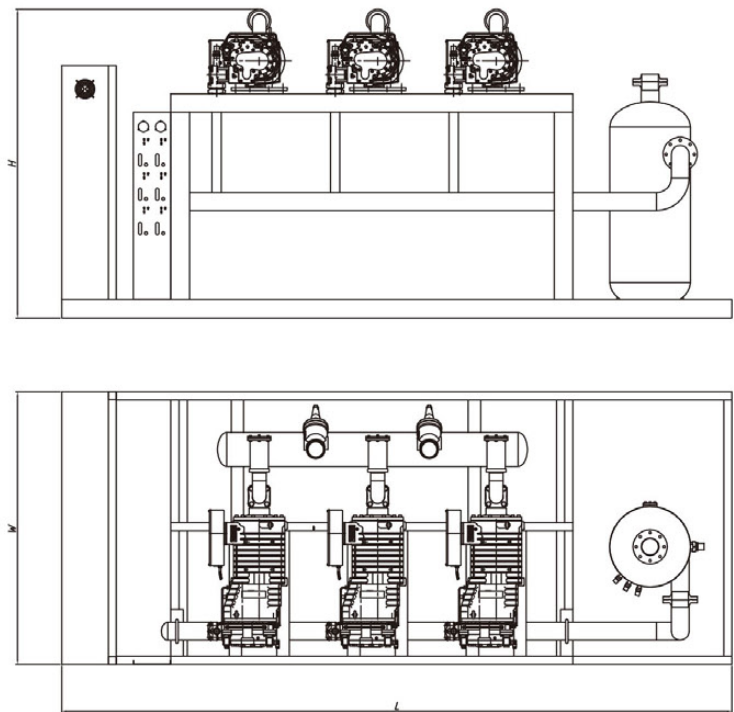
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型号 Model	匹数 HP	压缩机Compressor		最大工作电流 Max. Operating Current	机组对外管路尺寸Dimension (mm)			标准支管路数量No. of Branch Line Ball Valve		
		型号 Model	数量 Qty		排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe	排气 Discharge Pipe	回汽 Suction Pipe	供液 Liquid Pipe
					A	mm	mm			
BSCR-H-1125-XSLY	125	LB410P	1	233	DN50	DN100	42	1	1	1
BSCR-H-2150-XSLY	150	LB250P	2	278	DN50	DN80	35	1	2	2
BSCR-H-3225-XSLY	225	LB250P	3	417	DN65	DN80	42	1	2	2
BSCR-H-2250-XSLY	250	LB410P	2	466	DN65	DN100	42	1	2	2
BSCR-H-4300-XSLY	300	LB250P	4	556	DN65	DN80	42	1	3	3
BSCR-H-3375-XSLY	375	LB410P	3	699	DN80	DN125	54	1	2	2
BSCR-H-4500-XSLY	500	LB410P	4	932	DN80	DN100	54	1	3	3

机组供电380V/3P/50Hz。名义制冷量及输入功率基于冷凝温度+40℃，制冷剂R404A。
Power supply:380V/3P/50Hz. Nominal cooling capacity and input power are based on condensing temperature +40℃ and refrigerant R404A.
如果机组需要运行于不同的蒸发温度或过高/过低的冷凝温度，请联系我们当地代表处。
If the same rack system should be applied in different evaporating temperatures or condensing temperature is out the normal range, please contact our local representative office.
所有的制冷量参数为均净有效值，在考虑了管路损失后仅需对系统加最多10%的余量。
All capacities are net effective valve. If pipe lose is considered in the system, only add 10% capacity.

尺寸参数
Dimension

型号 Model	外形尺寸 Dimension (mm)			
	长(L)	宽(W)	高(H)	重量 Weight(kg)
BSCR-H-1075-XM(Y)	2200	1430	1885	1100
BSCR-H-1125-XM(Y)	2500	1600	1915	1300
BSCR-H-2180-XM(Y)	3110	1655	1885	1700
BSCR-H-2250-XM(Y)	3370	1880	2110	2300
BSCR-H-3375-XM(Y)	4430	1880	2230	3200
BSCR-H-4500-XM(Y)	5710	1880	2280	4100
BSCR-H-1125-XL(Y)	2520	1640	1910	1700
BSCR-H-2150-XL(Y)	3110	1655	1885	1900
BSCR-H-3225-XL(Y)	4160	1655	2110	2650
BSCR-H-2250-XL(Y)	3560	1925	2155	2550
BSCR-H-4300-XL(Y)	5180	1655	2140	3250
BSCR-H-3375-XL(Y)	4690	1925	2220	3550
BSCR-H-4500-XL(Y)	5760	1925	2275	4350
BSCR-H-1125-XSL(Y)	2550	1400	1805	1400
BSCR-H-2150-XSL(Y)	3000	1655	1840	1900
BSCR-H-3225-XSL(Y)	4130	1655	2000	2650
BSCR-H-2250-XSL(Y)	3410	1735	2100	2050
BSCR-H-4300-XSL(Y)	5210	1655	1995	3250
BSCR-H-3375-XSL(Y)	4700	1735	2275	2800
BSCR-H-4500-XSL(Y)	5810	1925	2260	3500



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