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FOCUSUN™

——冰激凌透 瞬间感受——



FOCUSUN™

弗格森制冷设备(上海)有限公司
Focusun Refrigeration (Shanghai) Corporation



Germany Technology | 德国技术
Since 1929 | 始于1929年



Who we are

关于我们

弗格森™是全球领先的制冰机制造商，总部位于德国的法兰克福。1929年，公司创始人Jürgen Hans发明了世界上第一台用于制造管状食用冰型的制冰机(TUBE ICE MACHINE)，从此，弗格森成为制冰机的代名词。

我们一直致力于人类制冷事业的提升。弗格森〔FOCUSUN™〕所有的设备都采用模块化设计，使得操作更加人性化，现场维护更加简单。凭借过硬的产品质量和服务，我们成为全球客户值得信赖的制冰机器供应商。

如今，弗格森的制冷技术正应用于全球的各个行业。通过弗格森〔FOCUSUN™〕的产品，我们愿与每一个客户分享弗格森科技带来的惊喜与感动。

Focusun Refrigeration (Shanghai) Corporation, headquartered in Frankfurt, is a global leading manufacturer of ice-making machine. Since the founder of Focusun, Jürgen Han, invented the first Tube Ice Machine in 1929, Focusun has been the name of ice-making machine in refrigeration field.

Our commitment is to improve the advanced technology for improving the living standard of all human kind. All of Focusun ice machines adopt modularized design, which brings the maximum humanization on operation and maintenance. Thanks to our devoted staff service and top quality equipment, Focusun now is one of the most reliable and professional refrigeration equipment manufacturers worldwide.

Nowadays, Focusun refrigeration technology is applied in various industries worldwide. We are willing to share with you all surprises and excitement brought by Focusun science and technology.



我们只选用最好的配件： Only the best accessories, we choose:

只有在行业中成为领导品牌才能成为弗格森产品的关键部件供应商，这也是确保我们产品优质的前提。在过去的多年中，我们一直采用如下优秀的部件供应商作为我们的合作伙伴：



Product Advantages

产品优势

一、卓越的系统

Focusun独创分体式室外机制冰系统，既可以降低室内噪音，又能够避免室内高温影响，从而有效提高制冰效率。

二、全效清洁

Focusun特有的清洗和消毒技术，有效节省维护成本和时间；使冰块更透明，更卫生。

三、高效节能

Focusun采用高效的制冷系统，以最低的能耗和最小的用水量实现制冰量最大化，大大降低了制冰机的运营成本。

四、环保冷媒

Focusun采用R134A、R404A环保制冷剂，制冰更健康、更环保。

五、智能化设计

Focusun实现人性化的操作，全自动控制系统操作简单方便、安全可靠，便于维护。

六、垂直蒸发器

Focusun垂直蒸发器的每张冰盘都采用化学镀镍。这种坚固的涂层可以抵抗水和冰对设备长时间的侵蚀破坏并且可以提高制冷效率。

1. Excellent performance

Focusun unique split-type outdoor ice-making system both can reduce indoor noise and avoid the impact of the high indoor temperature, therefore it can effectively improve the ice-making efficiency.

2. Perfect cleaning

Focusun unique cleaning and sanitation techniques can effectively save maintenance cost and time. Simultaneously ice becomes more transparent and sanitary.

3. High efficiency and energy saving

Focusun adopts highly efficient cooling system in order to realize the maximum output of ice-making by the lowest energy and water consumption, therefore the operating cost of ice-making machine can be greatly reduced.

4. Environmentally friendly refrigerant

Focusun uses R134A and R404A environmentally friendly refrigerant which is very beneficial for environment protection and health of human beings.

5. Intelligent design

Focusun implements humanized operation through automatic control system which makes it easy, safe and reliable to operate and consequently convenient to maintain.

6. Vertical evaporator

Each ice plate of Focusun vertical ice evaporator uses electroless nickel plating. The solid coating can be resistant to a long period of erosion damage of water and ice to equipment and also can improve the cooling efficiency.

FIM 直立式系列 Vertical Series

产品特点

1. 国内首创具有美学设计的圆弧形制冰机
2. 节能设计，更节省电、省水
3. 六面体方冰与蒸发器的接触面大，冰块冷却速度快
4. 获得欧洲CE和中国CCC认证

Features

1. Originated of innovative aro-shape design
2. Advanced Energy saving technology, more power and water saving
3. Large contact area, fast freezing speed
4. Authorized European CE and Chinese CCC certification

Remark 注

Testing condition for 24-hour ice output: Air temperature is 21°C and water temperature is 10°C.

The dimension of ice machines listed here does not include height of footing, which is 15cm at most.

1. 24小时产冰量测试条件，气温21°C，水温10°C。
2. 以上制冰机尺寸含底脚高度，底脚高为15cm。



FIM-100G FIM-120G FIM-150G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 45kg/55kg/68kg
储冰量: 25kg
尺寸(宽×深×高): 53×57×78(cm)
净重: 44kg/45kg/48kg
输入电源: 220V/50Hz/1P
安装功率: 480W/500W/560W
制冷剂: R22/R134A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 45kg/55kg/68kg
Ice storage capacity: 25kg
Size (W×D×H): 53×57×78 (cm)
Net weight: 44kg/45kg/48kg
Power supply: 220V/50Hz/1P
Install power: 480W/500W/560W
Refrigerant: R22/R134A



FIM-65G FIM-80G



冷却方式: 风冷式
产冰量(公斤/24小时): 30kg/36kg
储冰量: 15kg
尺寸(宽×深×高): 43×58×75(cm)
净重: 28kg/29kg
输入电源: 220V/50Hz/1P
安装功率: 380W/420W
制冷剂: R22/R134A

Cooling mode: Air cooling
Ice production (kg/24h): 30kg/36kg
Ice storage capacity: 15kg
Size (W×D×H): 43×58×75 (cm)
Net weight: 28kg/29kg
Power supply: 220V/50Hz/1P
Install power: 380W/420W
Refrigerant: R22/R134A

FIM 分体式系列 Split-type Series

产品特点

1. 国内首创具有美学设计的即开式制冰机
2. 微电脑自动控制系统，运行安全稳定
3. 超大的储冰箱门板，易于取冰、清洗
4. 可重叠机头，使制冰量增加一倍
5. 获得欧洲CE和中国CCC认证

Features

1. Original touch open type ice making machines with aesthetic design
2. Micro-computer automatic control system assures secure and stable performance
3. Large storage refrigerator door makes it easy to take out ice and wash inside
4. Noses can be overlapped so that the volume of ice-making will be doubled
5. Authorized European CE and Chinese CCC certification

Testing condition for 24-hour ice output: Air temperature is 21°C and water temperature is 10°C.
1. 24小时产冰量测试条件，气温21°C，水温10°C。
2. 以上制冰机尺寸含底脚高度，底脚高为18cm。

Remark 注

FIM-380G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 172kg
储冰量: 100kg
尺寸(宽×深×高): 56×86×155(cm)
净重: 95kg
输入电源: 220V/50Hz/1P
安装功率: 860W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 172kg
Ice storage capacity: 100kg
Size (W×D×H): 56×86×155 (cm)
Net weight: 95kg
Power supply: 220V/50Hz/1P
Install power: 860W
Refrigerant: R22/R404A



弗格森FIM系列制冰机可以为您提供以上三种形状的冰块：
Focusun ice-making machine of FIM Series can offer you three kinds of shapes of ice:
不同尺寸可满足您不同用冰场合的需要。
Different size can satisfy your different requirements of ice.

FIM-200G FIM-250G FIM-320G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 90kg/115kg/145kg
储冰量: 45kg
尺寸(宽×深×高):
FIM-200G: 68×67×83 (cm)
FIM-250G: 68×67×83 (cm)
FIM-320G: 68×67×86 (cm)
Net weight: 68kg/69kg/76kg
Power supply: 220V/50Hz/1P
Install power: 650W/700W/760W
Refrigerant: R22/R134A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 90kg/115kg/145kg
Ice storage capacity: 45kg
Size (W×D×H):
FIM-200G: 68×67×83 (cm)
FIM-250G: 68×67×83 (cm)
FIM-320G: 68×67×86 (cm)
Net weight: 68kg/69kg/76kg
Power supply: 220V/50Hz/1P
Install power: 650W/700W/760W
Refrigerant: R22/R134A



FIM-450G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 204kg
储冰量: 145kg
尺寸(宽×深×高): 56×86×185(cm)
净重: 110kg
输入电源: 220V/50Hz/1P
安装功率: 950W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 204kg
Ice storage capacity: 145kg
Size (W×D×H): 56×86×185 (cm)
Net weight: 110kg
Power supply: 220V/50Hz/1P
Install power: 950W
Refrigerant: R22/R404A

FIM-550G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 250kg
储冰量: 190kg
尺寸(宽×深×高): 76×86×155(cm)
净重: 110kg
输入电源: 220V/50Hz/1P
安装功率: 1,200W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 250kg
Ice storage capacity: 190kg
Size (W×D×H): 76×86×155 (cm)
Net weight: 110kg
Power supply: 220V/50Hz/1P
Install power: 1,200W
Refrigerant: R22/R404A



FIM-700G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 318kg
储冰量: 280kg
尺寸(宽×深×高): 76×86×185(cm)
净重: 128kg
输入电源: 220V/50Hz/1P
安装功率: 1,400W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 318kg
Ice storage capacity: 280kg
Size (W×D×H): 76×86×185 (cm)
Net weight: 128kg
Power supply: 220V/50Hz/1P
Install power: 1,400W
Refrigerant: R22/R404A

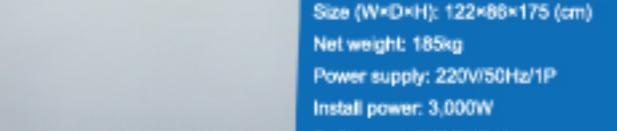


FIM-1500G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 680kg
储冰量: 480kg
尺寸(宽×深×高): 122×86×175(cm)
净重: 185kg
输入电源: 220V/50Hz/1P
安装功率: 3,000W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 680kg
Ice storage capacity: 480kg
Size (W×D×H): 122×86×175 (cm)
Net weight: 185kg
Power supply: 220V/50Hz/1P
Install power: 3,000W
Refrigerant: R22/R404A



FIM-1950G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 885kg
储冰量: 480kg
尺寸(宽×深×高): 122×86×195(cm)
净重: 205kg
输入电源: 380V/50Hz/3P
安装功率: 4,000W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 885kg
Ice storage capacity: 480kg
Size (W×D×H): 122×86×195 (cm)
Net weight: 205kg
Power supply: 380V/50Hz/3P
Install power: 4,000W
Refrigerant: R22/R404A



FIM-2000G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 900kg
储冰量: 280kg
尺寸(宽×深×高): 76×86×279(cm)
净重: 213kg
输入电源: 380V/50Hz/3P
安装功率: 4,800W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 900kg
Ice storage capacity: 280kg
Size (W×D×H): 76×86×279 (cm)
Net weight: 213kg
Power supply: 380V/50Hz/3P
Install power: 4,800W
Refrigerant: R22/R404A

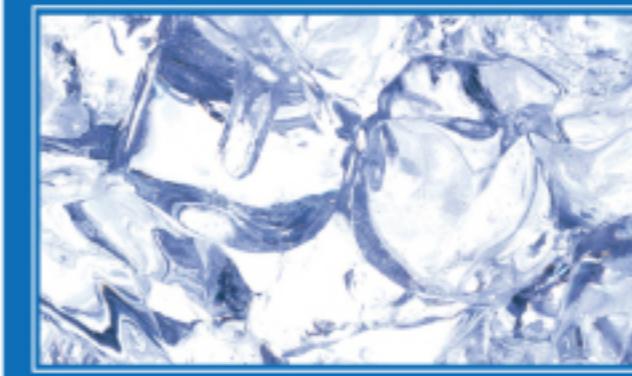


FIM-3000G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 1,350kg
储冰量: 480kg
尺寸(宽×深×高): 122×86×229(cm)
净重: 259kg
输入电源: 380V/50Hz/3P
安装功率: 6,000W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 1,350kg
Ice storage capacity: 480kg
Size (W×D×H): 122×86×229 (cm)
Net weight: 259kg
Power supply: 380V/50Hz/3P
Install power: 6,000W
Refrigerant: R22/R404A



FIM-3900G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 1,170kg
储冰量: 280kg
尺寸(宽×深×高): 76×86×279(cm)
净重: 217kg
输入电源: 380V/50Hz/3P
安装功率: 5,600W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 1,170kg
Ice storage capacity: 280kg
Size (W×D×H): 76×86×279 (cm)
Net weight: 217kg
Power supply: 380V/50Hz/3P
Install power: 5,600W
Refrigerant: R22/R404A



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 1,755kg
储冰量: 480kg
尺寸(宽×深×高): 76×86×269(cm)
净重: 287kg
输入电源: 380V/50Hz/3P
安装功率: 8,000W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 1,755kg
Ice storage capacity: 480kg
Size (W×D×H): 76×86×269 (cm)
Net weight: 287kg
Power supply: 380V/50Hz/3P
Install power: 8,000W
Refrigerant: R22/R404A

FEC 圆冰机系列

Round Ice Machine Series

产品特点

1. 冰块硬度高，晶莹剔透，不易融化
2. 圆柱形冰块漂亮美观，不易粘连
3. 节能设计，更加省电、省水
4. 获得欧洲CE和中国CCC认证
5. 本公司已通过ISO9001：2000

Features

1. The produced ice is crystal and clean, hard and long-lasting
2. Beautiful appearance of cylindrical shape, not sticky
3. Focusun machines can save more power and water by using energy-saving design
4. Authorized European CE and Chinese CCC certification
5. Focusun has passed ISO9001: 2000

Remark
Testing condition for 24-hour ice output: Air temperature is 10°C and water temperature is 10°C.



The dimension of ice machines listed here does not include height of footing, which is 15cm at most.

Note
1. 24小时产冰量测试条件，
气温10°C，水温10°C。
2. 上述制冰机尺寸不含脚高，
底脚最高为15cm。

FEC-105G FEC-150G



冷却方式: 风冷式
产冰量(公斤/24小时): 48kg/68kg
储冰量: 25kg
尺寸(宽×深×高): 53×57×78(cm)
净重: 42kg/45kg
输入电源: 220V/50Hz/1P
安装功率: 420W/480W
制冷剂: R22/R134A

Cooling mode: Air cooling
Ice production (kg/24h): 48kg/68kg
Ice storage capacity: 25kg
Size (W×D×H): 53×57×78 (cm)
Net weight: 42kg/45kg
Power supply: 220V/50Hz/1P
Install power: 420W/480W
Refrigerant: R22/R134A



FEC-200G FEC-250G



冷却方式: 风冷式
产冰量(公斤/24小时): 90kg/115kg
储冰量: 45kg
尺寸(宽×深×高): 68×67×83(cm)
净重: 65kg/68kg
输入电源: 220V/50Hz/1P
安装功率: 600W/700W
制冷剂: R22/R134A

Cooling mode: Air cooling
Ice production (kg/24h): 90kg/115kg
Ice storage capacity: 45kg
Size (W×D×H): 68×67×83 (cm)
Net weight: 65kg/68kg
Power supply: 220V/50Hz/1P
Install power: 600W/700W
Refrigerant: R22/R134A



FEC-65G FEC-80G



冷却方式: 风冷式
产冰量(公斤/24小时): 30kg/36kg
储冰量: 15kg
尺寸(宽×深×高): 43×58×75(cm)
净重: 26kg/28kg
输入电源: 220V/50Hz/1P
安装功率: 380W/400W
制冷剂: R22/R134A

Cooling mode: Air cooling
Ice production (kg/24h): 30kg/36kg
Ice storage capacity: 15kg
Size (W×D×H): 43×58×75 (cm)
Net weight: 26kg/28kg
Power supply: 220V/50Hz/1P
Install power: 380W/400W
Refrigerant: R22/R134A



FJM 月形冰机系列

Lunar Ice Machine Series

产品特点

1. 月形冰块晶莹剔透，使饮料和食品冷却速度更快
2. 冰块的角少且薄，被冷却物不易受损
3. 月形冰占用空间少，冷却效果更大
4. 可应对硬水的产品设计

Features

1. Lunar ice is crystal clear. Besides, it can make drinks and food cool much faster
2. Without any acute edges and corners, ice can not damage the surface of refrigerated objects
3. Lunar ice needs less space, but it has a greater cooling effect
4. Special product design for hard water

注
1. 24小时产冰量测试条件，
气温10°C，水温10°C。
2. 上述制冰机尺寸不含脚高，
底脚最高为18cm。

Remark
Testing condition for 24-hour ice output: Air temperature is 10°C and water temperature is 10°C.
The dimension of ice machines listed here does not include height of footing, which is 18cm at most.

FJM-550G



冷却方式: 风冷式/冰水式
产冰量(公斤/24小时): 250kg
储冰量: 145kg
尺寸(宽×深×高): 56×86×205(cm)
净重: 112kg
输入电源: 220V/50Hz/1P
安装功率: 950W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 250kg
Ice storage capacity: 145kg
Size (W×D×H): 56×86×205 (cm)
Net weight: 112kg
Power supply: 220V/50Hz/1P
Install power: 950W
Refrigerant: R22/R404A



FJM-650G



冷却方式: 风冷式/冰水式
产冰量(公斤/24小时): 295kg
储冰量: 145kg
尺寸(宽×深×高): 56×86×205(cm)
净重: 118kg
输入电源: 220V/50Hz/1P
安装功率: 1,400W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 295kg
Ice storage capacity: 145kg
Size (W×D×H): 56×86×205 (cm)
Net weight: 118kg
Power supply: 220V/50Hz/1P
Install power: 1,400W
Refrigerant: R22/R404A

FJM-1300G



冷却方式: 风冷式/冰水式
产冰量(公斤/24小时): 590kg
储冰量: 460kg
尺寸(宽×深×高): 122×86×195(cm)
净重: 195kg
输入电源: 220V/50Hz/1P
安装功率: 2,800W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 590kg
Ice storage capacity: 460kg
Size (W×D×H): 122×86×195 (cm)
Net weight: 195kg
Power supply: 220V/50Hz/1P
Install power: 2,800W
Refrigerant: R22/R404A



FAS 雪花机系列

Nugget Ice Machine Series

产品特点

- 1、雪花冰含水量大，可使商品充分保湿
- 2、不间断制冰，制冰速度快
- 3、节能设计，产品更加省电、省水

Features

1. Nugget ice contains a large amount of water, and it can make goods fully moisturized.
2. The nugget ice machine can continuously make ice fast.
3. Focusun machines can save more power and water by using energy-saving design.

Remark

Testing condition for 24-hour ice output: Air temperature is 10°C and water temperature is 10°C.

The dimension of ice machines listed here does not include height of footings, which is 15cm at most.

1. 24小时产冰量测试条件：气温10°C，水温10°C。
2. 以上制冰机尺寸不含脚高度，底座最高为15cm。



FAS-450G FAS-600G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 204kg/272kg
储水量: 145kg
尺寸(宽×深×高): 56×86×2050(cm)
净重: 98kg/116kg
输入电源: 220V/50Hz/1P
安装功率: 960W/1,020W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 204kg/272kg
Ice storage capacity: 145kg
Size (WxDxH): 56x86x2050 (cm)
Net weight: 98kg/116kg
Power supply: 220V/50Hz/1P
Install power: 960W/1,020W
Refrigerant: R22/R404A

FAS-850G FAS-1050G



冷却方式: 风冷式/水冷式
产冰量(公斤/24小时): 385kg/475kg
储水量: 280kg
尺寸(宽×深×高): 76×86×2050(cm)
净重: 138kg/142kg
输入电源: 220V/50Hz/1P
安装功率: 1,400W/1,600W
制冷剂: R22/R404A

Cooling mode: Air cooling/Water cooling
Ice production (kg/24h): 385kg/475kg
Ice storage capacity: 280kg
Size (WxDxH): 76x86x2050 (cm)
Net weight: 138kg/142kg
Power supply: 220V/50Hz/1P
Install power: 1,400W/1,600W
Refrigerant: R22/R404A



The most professional manufacturer of the Refrigeration System in the world.



FAS-250G FAS-350G



冷却方式: 风冷式
产冰量(公斤/24小时): 115kg/160kg
储水量: 55kg
尺寸(宽×深×高): 68×67×83(cm)
净重: 68kg/75kg
输入电源: 220V/50Hz/1P
安装功率: 750W/850W
制冷剂: R22/R134A

Cooling mode: Air cooling
Ice production (kg/24h): 115kg/160kg
Ice storage capacity: 55kg
Size (WxDxH): 68x67x83 (cm)
Net weight: 68kg/75kg
Power supply: 220V/50Hz/1P
Install power: 750W/850W
Refrigerant: R22/R134A

参考数据

Reference data



Focusun has many years' ice making experience. According to testing and calculating from our professional engineer, it is suggested that a wise choice of ice machine may refer to the following standard. Besides, the peak usage of ice also matters right selection.

使用场所 Places	每日用冰量 Daily ice consumption
宾馆/酒店 (Hotel)	400g 每人/Per person
宴会厅 (Ballroom)	350g 每人/Per person
酒吧/KTV (Bar/KTV)	1200g 每人/Per person
西餐厅 (Restaurant)	1500g 每个座位/Each seat
自助餐厅 (Cafeteria)	1500g 每个座位/Each seat

因用户工作环境和机器的冷却方式不同，我们建议您在制冰机选型时，按Focusun标准产冰量的1.2~1.3倍选择相应的机型，以更好地满足您的实际用冰需求。

Because of different cooling mode and working environment, it is wise to select a proper machine which has 1.2~1.3 times capacity of standard Focusun ice production to meet your actual ice requirement better.

多年来，FOCUSUN™ 已经成为欧洲最大的制冷系统提供商，我们的客户遍布全球各地，如北美地区、中东地区、东南亚地区、南非和欧洲。

在中国大陆，弗格森（FOCUSUN™）拥有众多忠诚的客户。我们的食用颗粒冰机广泛应用于五星级饭店、大型宾馆、体育馆、连锁餐厅。以下是项目部分案例：



成功案例

Successful Cases

我们提供高质量的售后服务。弗格森遍布全球的销售网络使我们的客户从“温暖客户关怀方案”中获益。此外，我们的产品设计符合现存国际准则。

We provide high quality after-service. With an international network covering the 5 continents, our customers benefit from Focusun's "Customers Comfort Plan™". Besides, Focusun machines comply with international regulations.

技术支持

Technical support



The most professional manufacturer of the Refrigeration System in the world.