冷风机
Evaporators

MJN系列水冲霜(非标定制)

MJX商用斜出风冷风机

哲雪系列产品之一冷风机适用于各种大中小型储存保鲜、冷冻产品的冷库、食品加工和物流中心，紧凑可靠的设计使得客户可以最大程度地利用存储的空间，采用低噪音外转子电机，降低了工作区的噪音，提高了舒适度，涵盖了从1.0KW到210KW的制冷量；适用于R134a·R404A·R507A·R407C·R22各类制冷剂。

ZheXuebrand evaporator is suitable for any kinds of cold storage for the food ,vegetables,food processing workshop and logistics center. The compact design of our evaporators save much space for our clients, we also choose the external fan motor with lower noise to build a comfortable environment. ZHEXUE evaporators' cooling capacity range is from 1.0kw to 210kw, they are used for Freon such as R134A,R22,R404A,R507C and R407C.

产品特点 Product feature

1、产品采用欧洲前沿技术设计，使产品性能更科学、更优越。
2、 冷风机外壳板采用静电喷涂镀锌钢板或不锈钢板，符合卫生标准。
3、 内部钣金及端板串板采用高强度防腐铝合金板，浮动盘管设计，杜绝了铜管损伤。
4、 使用15.88mm光管、9.52mm、12.7mm内螺纹铜管以及特殊的管间距及热交换表面技术，提高能效比。
5、翅片冲压设备采用科学模具，15.88mm光管、9.52mm、12.7mm提高换热面积的同时减少了风阻。
6、装配高拉伸式导风圈可增加风机的效率和射程（风机直径500mm以上系列）。
7、翅片组底部装有挡风接水板，杜绝进风从接水盘内通过，使更多的风穿过翅片组，获得更大的换热量。
8、所有型号冷风机均装配进口品牌的外转子轴流风机。
9、科学优化的分路设计和针对不同工况独立选型的分液器，提高换热器在不同应用工况中的换热效率。
10、所有冷风机均装有压力表接口，可以实现压力检测和调校蒸发器性能。
11、装配进口品牌不锈钢电加热管，使蒸发器获得快速高效的融霜效果。
12、冷风机整体设计紧凑，结构安全可靠，节省空间，制冷剂用量明显减少。
13、中大型号冷风机带支撑腿，便于运输和现场吊装。

Products Feature

1、Designed by the advanced European technology , make the products more efficiency.
2、The external casing is s/s or galvanized steel sheet with electrostatic spraying technology, comply with hygiene standards.
3、The inner casing is anti corrosive aluminium sheet and the floating coil design can prevent pipe broke.
4、Using15.88mm copper pipe、9.52mm and 12.7mm inner thread copper pipe, special length between pipes and advanced technology of heat exchange surface make our evaporator more efficiency.
5、 Fins stamping equipment adopts scientific mold , using15.88mm pipes、9.52mmand 12.7mm inner thread pipes, it reduce the wind resistance.
6、Equipped with the extended wind guide,it can improve the motors efficiency and raise the air flow (motors more than 500mm).
7、We have windshield at the bottom of the fan coils, it can prevent the air through the water tray,then more wind will through out the fan coils to improve the heat exchange efficiency.
8、All evaporators are equipped with the international brand external fan motors.
9、Optimized pipe rows and lines design and different liquid distributor can improve the heat exchange efficiency based on the different condition.
10、All evaporators are equipped with the connection of pressure gauge.
11、All evaporators are equipped with best brand s/s ele. Heaters to defrost quickly.
12、The compact design saves much Freon.
13、Middle and big size evaporator are equipped with the installation frame, it is easy to transport and install.

换热器产品命名规则
Model Description

MJ L 50 3 C 06 R6 -F

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

⑧ 后缀 空:镀锌板喷塑标准风机自然化霜
S： 不锈钢外壳标准风机 L:铝合金壳体
SS: 不锈钢壳体加不锈钢电机 B: 翅片侧出风 E: 电化霜
H: 热气化霜 W: 水冲霜 F: 非标（自定义）

⑧ Suffix empty: galvanized sheet spray standard fan natural defrost
S： Standard fan with stainless steel casing L: Aluminum alloy casing
SS : Stainless Steel Casing With Stainless Steel Motor B: Fin Side Air Outlet
E: Ele. Defrost. H: Hot Gas defrost W: Water defrost F: Non-standard

⑦ 管排数 R1-R9：表示1-9排
⑦ Number of pipe rows R1-R9: 1-9 rows

⑥ 片距 04表示4.5mm片距 06表示6mm片距 07表示7mm片距
08表示8mm片距 10表示10mm片距 16表示8/16变片距
⑥ Fin Space 04=4.5mm 06=6mm 07=7mm 08=8mm 10=10mm 16=8/16

⑤模块 C：方形 T：三角形
⑤ Module C: Square T: Triangle

④ 风机数量 1-9表示风机个数
④ Number of fans 1-9

③ 风机系列 Evaporators series
30：300电机 35：350电机 40：400电机 45：450电机
50：500电机 56：560电机 63：630电机 80：800电机
③ 30: 300 Motor 35:350 Motor 40:400 Motor 45:450 Motor
50: 500 Motor 56:560 Motor 63:630 Motor 80:800 Motor

② 系列 L: 大型工业型 B: 商用型 H: 高效型 N: 高效工业型 D: 双出风 X: 斜出风 W: 负压式 Q: 落地式
② Series L: Large industrial type B: Commercial type H: High efficient type N: High efficiency for industrial
D: Double sides air blow X: Inclined blow evaporator W: Negative pressure type Q: Floor-mounted type

① 品牌 MJ: 哲雪产品
① Brand MJ: ZheXue Products

注：低温冷风机标配电除霜
Note: Ele. Defrost is standard for low temp. Evaporators

修正系数
Correction Factors

修正系数DT1:
Correction Factors DT1

样本中的制冷量=回风温度-蒸发温度，是基于制冷剂为R404A，直接膨胀DT1和85%的RH工况下的参数。
DT1是工作室冷风机回风温度和蒸发温度的差值。蒸发温度是指冷风机出口端制冷剂饱和气体温度。

DT1 is the difference between the return air temperature and the evaporation temperature of the air cooler. Evaporation temperature refers to the temperature of the refrigerant saturated gas at the outlet of the cooling fan.

名义制冷量: (SC1) t_o = 0℃ and DT1=10K
(SC2) t_o = -8℃ and DT1=8K
(SC3) t_o =-25℃ and DT1=7K
(SC4) t_o =-31℃ and DT1=6K
(SC5) t_o =-35℃ and DT1=6K

修正系数是根据回风温度和温差的变化而变化的，请参照下表查找相应的修正系数，选型前实际的制冷量必须乘以下表中对应的修正系数，得到的名义制冷量才能在后附的选型表中选型，其他工况下请联系厂家提供选型。

The correction coefficient changes according to the change of the return air temp. and temp. difference. Please refer to the following table to find the corresponding correction coefficient. The actual cooling capacity before selection must multiply by the corresponding correction coefficient in the table below. The resulting nominal cooling capacity can only be selected in the attached type selection table. other working conditions, please contact the manufacturer for the type selection.

Q实际制冷量=Q名义制冷量x修正系数x制冷剂系数
Q actual cooling capacity = Q nominal cooling capacity x correction factor x refrigerant factor

修正系数参考值 Correction coefficient reference value

DT1	参考名义制冷量SC1工况 SC1工况，t_o=0℃，DT1=10K 蒸发温度（t_o）														
K	10	9	8	7	6	5	4	3	2	1	0	-1	-2	-3	-4
6	0.541	0.539	0.537	0.535	0.533	0.531	0.529	0.526	0.518	0.510	0.490	0.509	0.502	0.490	0.455
7	0.687	0.682	0.677	0.672	0.668	0.663	0.658	0.653	0.644	0.633	0.613	0.625	0.618	0.599	0.564
8	0.838	0.830	0.822	0.814	0.807	0.799	0.791	0.784	0.773	0.759	0.740	0.745	0.737	0.711	0.677
9	0.993	0.982	0.97	0.96	0.948	0.938	0.927	0.917	0.904	0.887	0.869	0.865	0.854	0.824	0.791
10	1.152	1.137	1.122	1.107	1.093	1.079	1.065	1.052	1.037	1.018	1.000	0.985	0.951	0.939	0.908
11	1.312	1.293	1.275	1.257	1.239	1.222	1.205	1.188	1.172	1.15	1.149	1.13	1.073	1.054	1.026
12	1.475	1.453	1.431	1.409	1.387	1.367	1.346	1.326	1.306	1.282	1.276	1.256	1.198	1.170	1.146

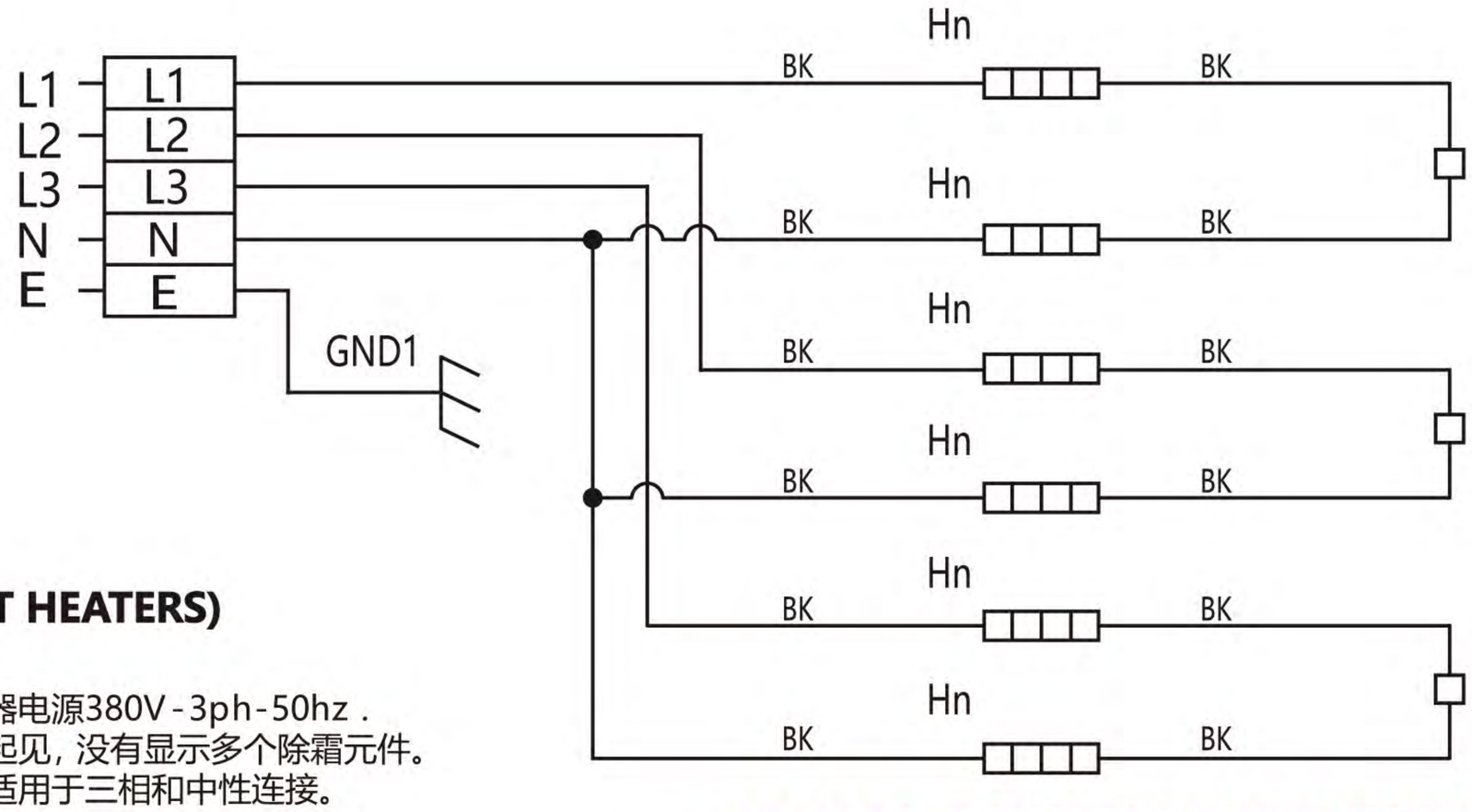
DT1	参考名义制冷量SC2工况 SC2工况，t_o=-8℃，DT1=8K 蒸发温度（t_o）							
K	-5	-6	-7	-8	-9	-10	-11	-12
6	0.716	0.711	0.700	0.689	0.679	0.670	0.661	0.654
7	0.873	0.865	0.857	0.843	0.829	0.816	0.805	0.794
8	1.034	1.022	1.011	1.000	0.982	0.966	0.951	0.936
9	1.197	1.181	1.167	1.152	1.137	1.118	1.098	1.081
10	1.361	1.343	1.324	1.306	1.288	1.270	1.248	1.226
11	1.527	1.505	1.482	1.46	1.439	1.418	1.398	1.372
12	1.694	1.668	1.642	1.615	1.591	1.566	1.542	1.519

DT1	参考名义制冷量SC3工况 SC3工况，t_o=-25℃，DT1=7K 蒸发温度（t_o）							
K	-20	-21	22	-23	-24	-25	-26	-27
6	0.836	0.840	0.840	0.840	0.839	0.839	0.838	0.837
7	1.006	1.005	1.004	1.003	1.000	1.000	0.997	0.994
8	1.157	1.155	1.153	1.151	1.148	1.145	1.142	1.138
9	1.322	1.306	1.301	1.297	1.293	1.289	1.284	1.279
10	1.494	1.474	1.454	1.441	1.437	1.430	1.424	1.418
11	1.667	1.643	1.619	1.597	1.577	1.57	1.563	1.554
12	1.840	1.812	1.784	1.759	1.734	1.710	1.698	1.688

DT1	参考名义制冷量SC4工况 SC4工况，t_o=-31℃，DT1=6K 蒸发温度（t_o）							
K	-28	-29	-30	-31	-32	-33	-34	-35
6	1.007	1.005	1.002	1.000	0.996	0.992	0.987	0.982
7	1.195	1.190	1.186	1.180	1.174	1.167	1.160	1.154
8	1.365	1.359	1.352	1.345	1.336	1.327	1.317	1.306
9	1.533	1.525	1.516	1.506	1.495	1.483	1.471	1.457
10	1.698	1.688	1.676	1.664	1.651	1.637	1.622	1.604

表一：不同工况之间的转换系数					
工况	SC1	SC2	SC3	SC4	SC5
直膨	1.481	1.000	0.769	0.638	0.603
泵供液	1.403	1.005	0.758	0.616	0.600

表二：不同制冷剂之间的转换系数						
制冷剂	R404A	R22	R407C	R410A	R507C	R23
直膨	1.000	0.927	0.980	0.995	0.961	1.017
泵供液	1.005	0.999	1.027	1.066	0.999	1.099

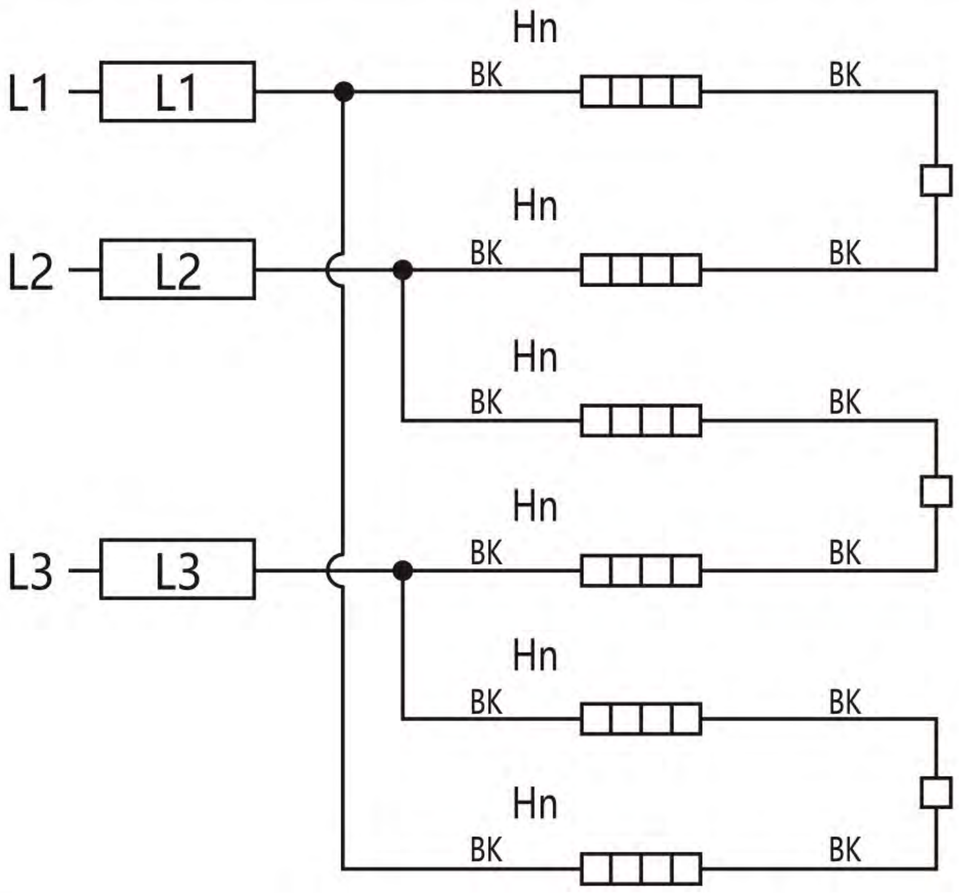


(DEFROST HEATERS)
NOTE:

1. 除霜加热器电源380V-3ph-50hz．
2. 为了清楚起见，没有显示多个除霜元件。
3. 警告：仅适用于三相和中性连接。

1. Defrost Heater Supply 380V-3Ph-50Hz.
2. For clarity multiple defrost elements are not shown.
3. Warning: only suitable for 3-phase and neutral connection.

450及以下系列采用Y形除霜接线
Y-type defrosting wiring for the motors≤450mm

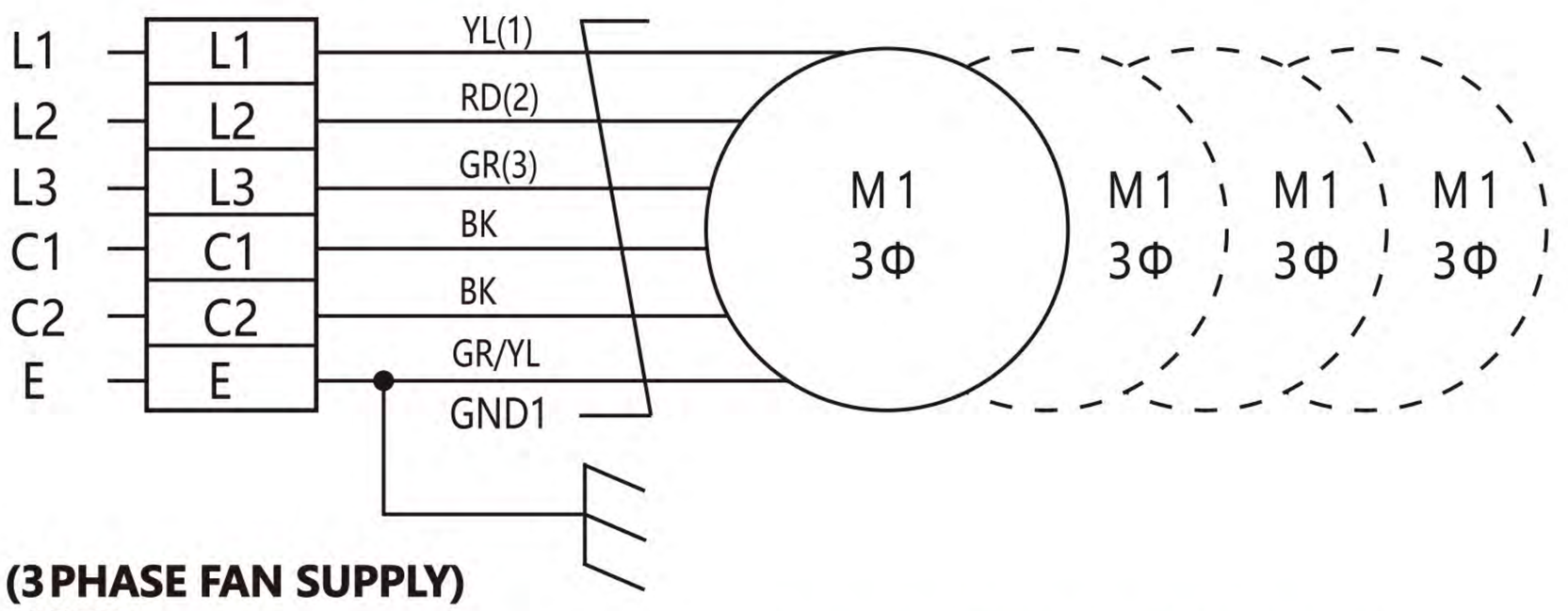


(DEFROST DELTA)
NOTE:

1. 除霜加热器电源380V-3ph-50hz．
2. 为了清楚起见，没有显示多个除霜元件。

1. Defrost Heater Supply 380V-3ph-50hz．
2. For clarity multiple defrost heaters not shown.

500及以上系列采用三角形除霜接线
Triangle-type defrosting wiring for the motor≥500mm



(3PHASE FAN SUPPLY)
NOTE:

风扇电源 380V-3Ph-50Hz.
Fan Supply 380V-3Ph-50Hz.

风机接线（需添加热保护）
Fan motor wiring(have to connect heater protector)

外 壳

镀锌板，外表面静电喷涂，颜色RAL9010

CASING

Galvanised sheet,powder coated RAL 9010

水 盘

镀锌钢板，带静电喷涂层，颜色RAL9010
水盘可拆，方便检查维护

DRIP TRAY

Galvanised sheet,powder coated RAl 9010
The drip tray can be removed for facilitate inspection and maintenance

风 机

低噪音，易于维护风机电机，防护等级IP54，绝缘等级F级，依据DIN 40050，标准电机可适用于-40°C到+45°C.也可根据客户需求提供用于其它温度的电机。标准电机为双转速电机，参数表里标出的功率和射程都是高速运转时数据（三角形接法）。标准风机为水平出风，吸风式，根据客户需求也可标出其他形式。

电机内置热保护作为电机防护装置。我们保留使用不同制造商生产的风机的权利，因此电机技术参数会有所不同。功率和电流会随温度和风压的变化而变化。请察看相关风机/电机标牌的相应数据。

FANS

Low noise, maintenanc free fanmotors, with protection class f and ip 54, compliant to din 40050. Standard motors are suitable for temperatures from-40°cto + 45°c,however motors with other temperature requirements are available on request. Standard motors are 2 speed and capacities and air flow shown in tables are at high speed (delta wired), standard air discharge is horizontal, draw through, yet other arrangements are possible.

The integral thermal contact (termistors) must be used as motor protection. We reserve the right to use different fan manufacturers and technical motor data may vary. Power consumption may also vary at different operating temperatures and due lo external pressure drop. For corresponding electrical data please refer to fan / motor labels on units.

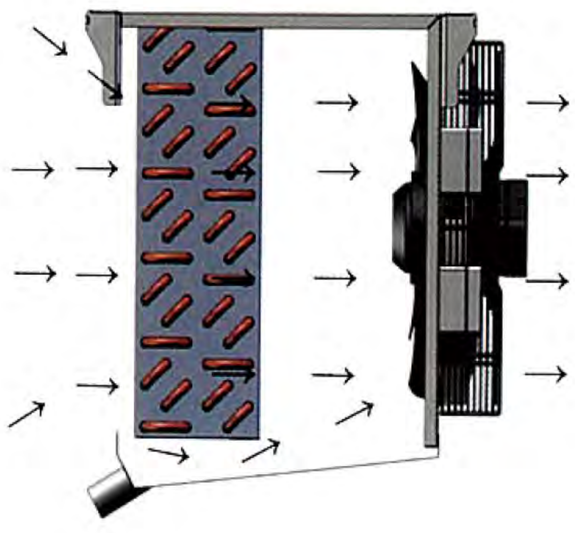
声压级

噪音测试标准依据EN13487

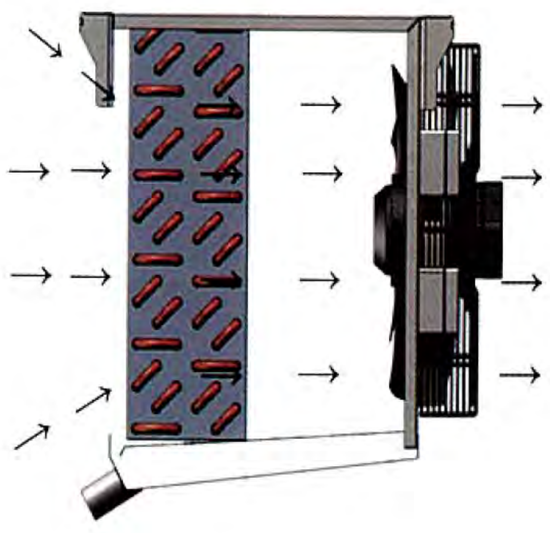
SOUND PRESSURE LEVEL

Noise pressure levels shown in tables are calculated in accordance with EN13487.

翅片组底部装有挡风内接水盘，杜绝风从接水盘内通过，使更多的风穿过翅片组，获得更大的换热量。
We have windshield at the bottom of the fan coils, it can prevent the air through the water tray,then more wind will through out the fan coils to improve the heat exchange efficiency.



无挡风板 w/o windshield



有挡风板 with windshield

制冷量

样本标出制冷量符合ENV328标准，DT1 是空气进口温度和蒸发温度之差。
工况为0/-8°C时标出制冷量基于80%空气相对湿度。
工况为-18/-25°C时标出制冷量基于95%空气相对湿度。
如果是其他工况请使用我们的修正系数表或者与我们公司或代理商联系。

COOLING CAPACITY

Cooling capacity on this catalogue is satisfy with the standard ENV328. DT1 means the temp. Difference between air in temperature and evaporation temperature.
Under 0/8°C working condition, the capacity is calculated on 80% RH.
Under -18/25°C working condition,the capacity is calculated on 95%RH.
Under other conditions , please refer our correction factor or contact us.

包装

所提供产品的包装方式就是现场可直接进行安装的状态。
水盘单独包装，发货时放在产品顶部或旁边。

PACKING

Units are supplied packed in installation position.Drip tray is packed separately and delivered on top or side of the unit.

备注

产品出厂提供安装吊耳适合于吊顶安装。
如果是低温条件下运行我们推荐风扇带电加热管环（库温低于-10°C）。
如果运行温度低于-40°C使用时，请与我们直接联系，因为在此工况下需要特殊材料和风机。
所有的电器元件都符合VDE标准。根据需求可提供多种管厚度、翅片厚度和材质。

REMARKS

Units are supplied with support brackets suitable for ceiling mounting.
For units operating at low temperatures fan peripheral heaters are recommended.
For units operating below-40°C please contact our offi ce.
Special materials and fons may be required for such operating conditions. All electrical components are in accordance to VDE conditions.
Alternative tube and fin thickness and materials are available on request.

备件和特殊结构

- 保温水盘-墙上安装支架
- 用于地面安装支腿-增加风机射程（安装导风罩）
- 不锈钢外壳
- 热气融霜用单向阀
- 热气除霜盘管连接
- 用于热气的止回阀
- 根据需求可提供60Hz风机
- 带喷涂翅片
- 可提供风扇加热环
- 风道接管
- 额外静压强力风机
- 部分电机可用230V，取决于直径
- 增加射程系统（ESS）

ACCESSORIES AND SPECIAL EXECUTIONS

- Insulated tray
- Wall support
- Feet for floor mounting
- Increased air throw (streamer equipped unit)
- Air throw unit
- Casing made of stainless steel
- Non return valve
- Hot gas interconnecting tubing
- Check valve for hot gas
- 60 hz fans available on request
- Coated fi ns
- Fan peripheral heaters
- Connection for air distribution sock
- Reinforced fans with external static pressure
- Limited 230 v fans depending diameter
- Cabero efficiency stream system (ess)

MJQ系列落地式冷风机

采用大风量强制对流的冷风机，该产品采用整体设计，正面出风四周回风的方式；离墙安装，常用于冷冻库，速冻库等，或库体较小冷量需求较大的低温冷库。

MJQ Series Floor-Standing Evaporator

The use of large air volume forced convection air cooler, the product adopts the overall design, the front air around the return air; Off-wall installation, often used in freezing storage, quick-freezing storage, etc., or low temperature cold storage with small cooling capacity demand.

外 壳

镀锌板，外表面静电喷涂，颜色RAL9010

(可选用SUS304不锈钢水盘)

CASING

Galvanised sheet,powder coated RAL 9010

(SUS304 stainless steel water tray can be selected)

水 盘

镀锌钢板，带静电喷涂层，颜色RAL9010
水盘可拆，方便检查维护

(可选用SUS304不锈钢水盘)

DRIP TRAY

Galvanised sheet,powder coated RAl 9010
The drip tray can be removed for facilitate inspection and maintenance

(SUS304 stainless steel water tray can be selected)

风 机

工业级大功率，大风量电机，防护等级IP54，绝缘等级F级，依据DIN40050，标准电机可适用于-40°C到+45°C.也可根据客户需求提供用于其它温度的电机。标准电机为双转速电机，参数表里标出的功率和射程都是高速运转时数据（三角形接法）。标准风机为水平出风，吸风式；根据客户需求也可使用内转子轴流风机。

电机内置热保护作为电机防护装置。我们保留使用不同制造商生产的风机的权利，因此电机技术参数会有所不同。功率和电流会随温度和风压的变化而变化。请察看相关风机/电机标牌的相应数据。

FANS

Industrial grade high power, high air volume motor, protection grade IP54, insulation grade F, according to DIN40050, standard motor can be applied to -40°C to +45°C. Motors for other temperatures can also be provided according to customer needs. The standard motor is a dual-speed motor. The power and air flow distance marked in the parameter table are data during high-speed operation (delta connection). The standard motor is a horizontal air outlet and suction type; an inner-rotor axial flow fan can also be used according to customer needs.

The integral thermal contact (termistors) must be used as motor protection. We reserve the right to use different fan manufacturers and technical motor data may vary. Power consumption may also vary at different operating temperatures and due lo external pressure drop. For corresponding electrical data please refer to fan / motor labels on units.

声压级

噪音测试标准依据EN13487

SOUND PRESSURE LEVEL

Noise pressure levels shown in tables are calculated in accordance with EN13487.

制冷量

样本标出制冷量符合ENV328标准，DT1 是空气进口温度和蒸发温度之差。
工况为0/-8°C时标出制冷量基于80%空气相对湿度。
工况为-18/-25°C时标出制冷量基于95%空气相对湿度。
如果是其他工况请使用我们的修正系数表或者与我们公司或代理商联系。

COOLING CAPACITY

Cooling capacity on this catalogue is satisfy with the standard ENV328. DT1 means the temp. Difference between air in temperature and evaporation temperature.
Under 0/8°C working condition, the capacity is calculated on 80% RH.
Under -18/25°C working condition,the capacity is calculated on 95%RH.
Under other conditions , please refer our correction factor or contact us.

包装

所提供产品的包装方式就是现场可直接进行安装的状态。

PACKING

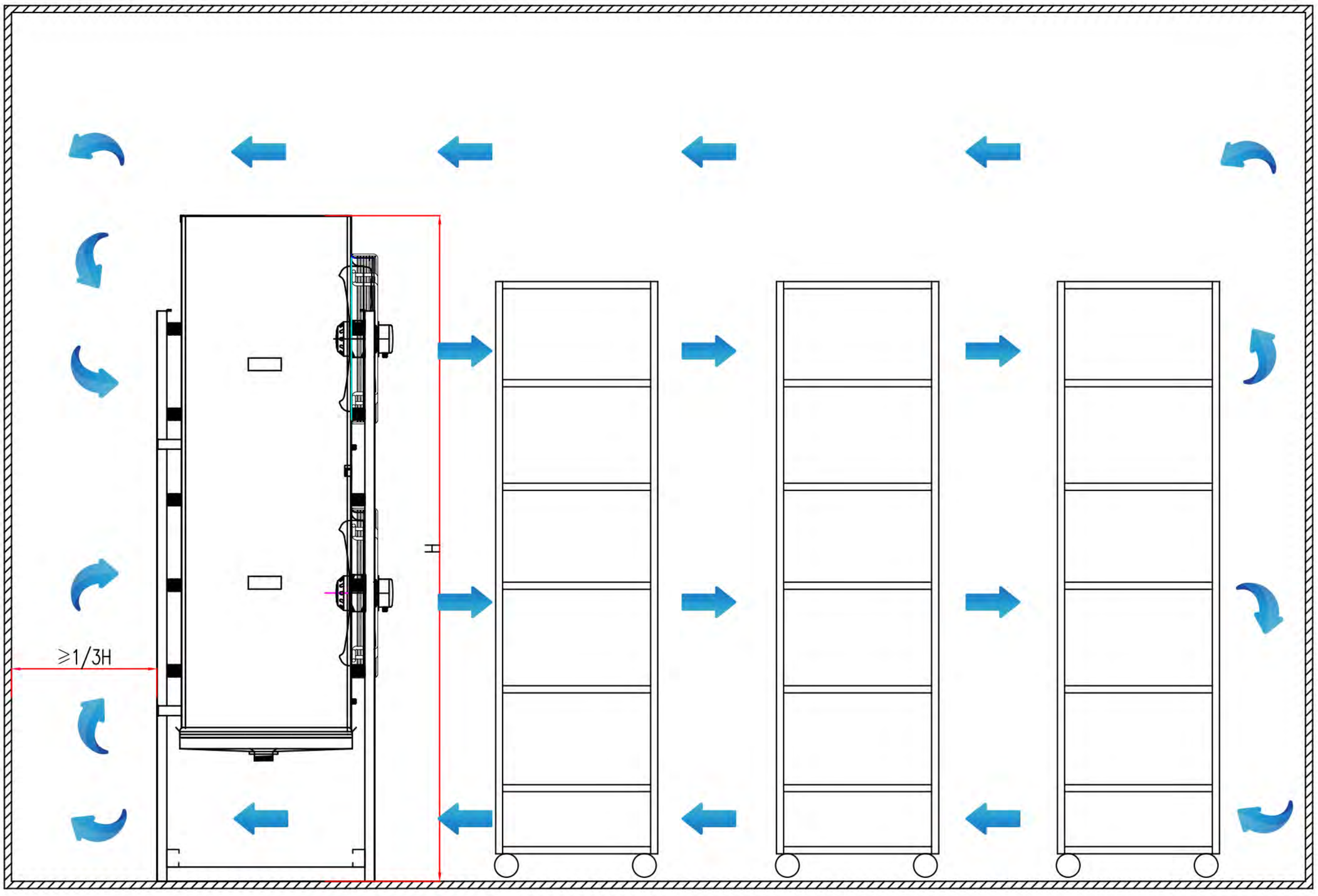
Units are supplied packed in installation position.

备注

该产品落地式靠墙安装的设备。
如果是低温条件下运行我们推荐风扇带电加热管环(库温低于-25°C）。
如果运行温度低于-40°C使用时，请与我们直接联系，因为在此工况下需要特殊材料和风机。所有的电器元件都符合VDE标准。根据需求可提供多种管厚度、翅片厚度和材质。

REMARKS

This product is a floor-standing device.
If the evaporator is operated under low temperature conditions (the room temperature is lower than -25°C),we recommend that the fan be equipped with an electric heating tube ring.
If the operation temperature is lower than -40°C， please contact us directly as it needs special material and fan motor . all of the electronic components of evaporators are satisfied with VDE standard. We can also offer different thickness of copper pipe , fins, and materials.



设 备 安 装 示 意 图 及 运 用 环 境
Equipment installation diagram and operating environment

MJQ50系列落地式冷风机

盘管

铜管材质： Φ12.7"(Φ1/2") 内螺纹管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：38*38 V型波纹片
翅片间距：C06=6mm片距，C09=9mm片距，C16=8/16mm片距

化霜
(可选择但额外收费)

- 盘管电融霜符合VDE0720标准和水盘电融霜 MJQ ... -E
- 盘管和水盘热气融霜 MJQ ...-H

MJQ50 Series Floor-Standing Evaporator

COIL

Copper tube material: Φ12.7"(Φ1/2")Internal thread tube design
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 38x38 V corrugated segment
Fin spacing: C06=6mm ,C09=9mm, C16=8/16

DEFROSTING
(optional against additional price)

- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJQ ... -E
- hot gas defrost MJQ ...-H

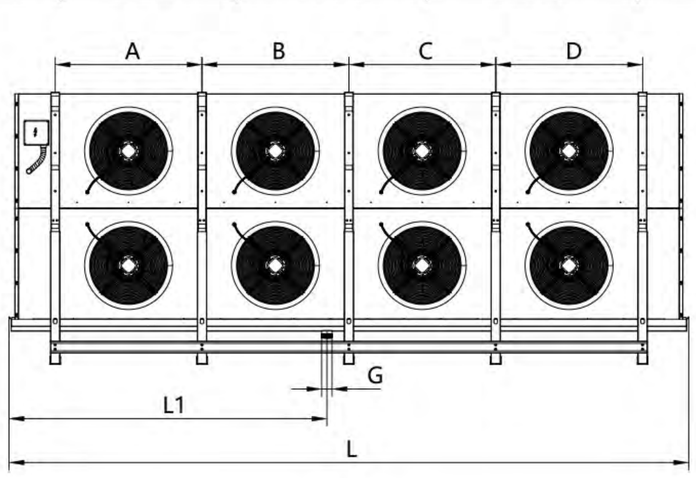
MJQ50系列
MJQ50Fseries

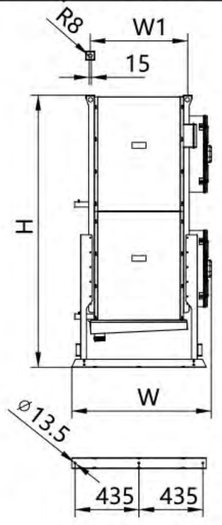
Φ500mm-6P							R404A
C06=6mm翅片间距 Fin spacing							
型号 model		MJQ504C06R6-E	MJQ504C06R8-E	MJQ506C06R6-E	MJQ506C06R8-E	MJQ508C06R6-E	MJQ508C06R8-E
制冷量(kW) Cooling capacity	SC1(△t=10K)	57.98	69.69	90.24	108.84	117.45	141.79
	SC2(△t=8K)	50.50	60.70	78.60	94.80	102.30	123.50
	SC3(△t=7K)	38.83	46.68	60.44	72.90	78.67	94.97
	SC4(△t=6K)	32.22	38.73	50.15	60.48	65.27	78.79
	SC5(△t=6K)	30.45	36.60	47.40	57.16	61.69	74.47
换热面积(㎡)heat exchange area		228	306	345	445	456	612
管容(dm³) tube volume		53.4	76.2	80.6	104.4	108.6	142.6
风量(m³/h) air flow rate		30200	28100	46100	44800	60400	59600
电机总功率(kW) total fan power		3.36/2.6*	3.36/2.6*	5.04/3.87*	5.04/3.87*	6.72/5.16*	6.72/5.16*
电机总电流(A) total fan current		5.8/5.48*	5.8/5.48*	8.8/8.22*	8.8/8.22*	11.6/2.96*	11.6/2.96*
射程(m) air flow		24	22	25	23	26	24
化霜总功率(kW)defrost power		18	18	28.8	28.8	36	36
接口管径(进/出Φmm) pipe dia		2x22/2x42	2x28/2x42	2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x54
噪音(dBA) noise(dBA)		67	68	70	71	72	73
重量(kg) weight		396	455	510	595	755	860

Φ500mm-9P							R404A
C09=9mm翅片间距 Fin spacing							
型号 model		MJQ504C09R6-E	MJQ504C09R8-E	MJQ506C09R6-E	MJQ506C09R8-E	MJQ508C09R6-E	MJQ508C09R8-E
制冷量(kW) Cooling capacity	SC1(△t=10K)	47.42	56.83	72.79	88.52	96.10	114.35
	SC2(△t=8K)	41.30	49.50	63.40	77.10	83.70	99.60
	SC3(△t=7K)	31.76	38.07	48.75	59.29	64.37	76.59
	SC4(△t=6K)	26.35	31.58	40.45	49.19	53.40	63.54
	SC5(△t=6K)	24.90	29.85	38.23	46.49	50.47	60.06
换热面积(㎡)heat exchange area		162	212	246	324	330	426
管容(dm³) tube volume		53.4	76.2	80.6	104.4	108.6	142.6
风量(m³/h) air flow rate		31400	28800	47400	45300	62200	60400
电机总功率(kW) total fan power		3.36/2.6*	3.36/2.6*	5.04/3.87*	5.04/3.87*	6.72/5.16*	6.72/5.16*
电机总电流(A) total fan current		5.8/5.48*	5.8/5.48*	8.8/8.22*	8.8/8.22*	11.6/2.96*	11.6/2.96*
射程(m) air flow		24	22	25	23	26	24
化霜总功率(kW)defrost power		18	18	28.8	28.8	36	36
接口管径(进/出Φmm) pipe dia		2x22/2x42	2x28/2x42	2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x54
噪音(dBA) noise(dBA)		67	68	70	71	72	73
重量(kg) weight		372	425	496	565	726	815

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	L1(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1(mm)	G(mm)
1	MJQ504	2630	1165	950	1855	1000	1000			665	G 2"
2	MJQ506	3630	1815	950	1855	1000	1000	1000		665	G 2"
3	MJQ508	4630	2165	950	1855	1000	1000	1000	1000	665	G 2"





MAJORROLE

MJQ50系列落地式冷风机

盘 管

铜管材质： Φ12.7"(Φ1/2") 内螺纹管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：38*38 V型波纹片
翅片间距：C06=6mm片距，C09=9mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)

- 盘管电融霜符合VDE0720标准和水盘电融霜 MJQ ... -E
- 盘管和水盘热气融霜 MJQ ...-H

MJQ50 Series Floor-Standing Evaporator

COIL

Copper tube material: Φ12.7"(Φ1/2") Internal thread tube design
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 38x38 V corrugated segment
Fin spacing: C06=6mm ,C09=9mm, C16=8/16

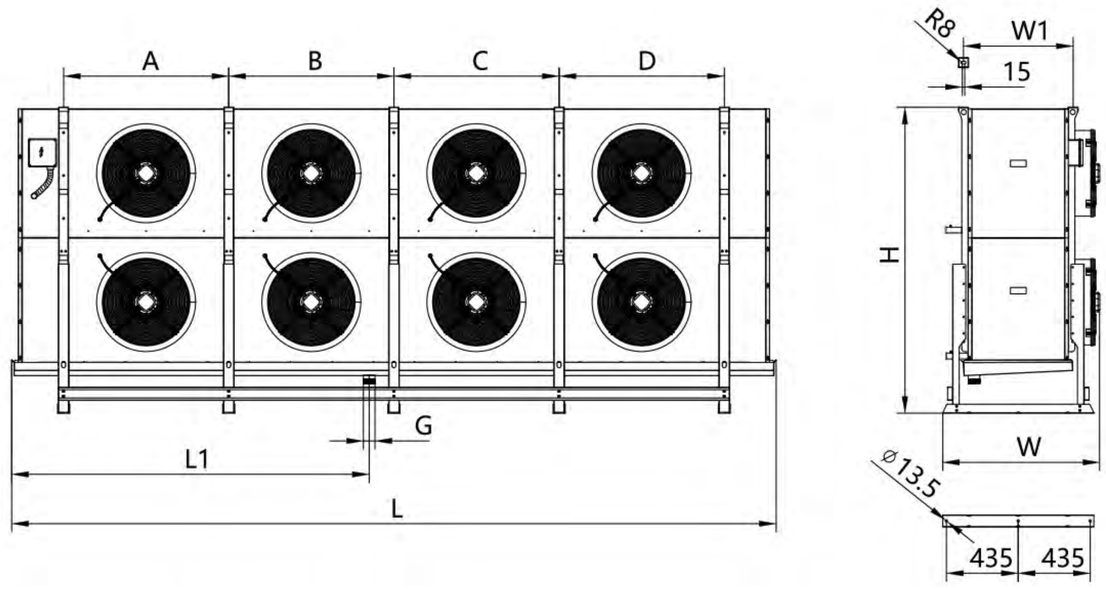
DEFROSTING
(optional against additional price)

- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJQ ... -E
- hot gas defrost MJQ ...-H

MJQ50系列
MJQ50Fseries

Φ500mm-8/16P							R404A
C16=8/16mm翅片间距 Fin spacing							
型号 model		MJQ504C16R6-E	MJQ504C16R8-E	MJQ506C16R6-E	MJQ506C16R8-E	MJQ508C16R6-E	MJQ508C16R8-E
制冷量(kW) Cooling capacity	SC1(△t=10K)	48.91	58.78	75.20	89.32	97.82	117.80
	SC2(△t=8K)	42.60	51.20	65.50	77.80	85.20	102.60
	SC3(△t=7K)	32.76	39.37	50.37	59.83	65.52	78.90
	SC4(△t=6K)	27.18	32.67	41.79	49.64	54.36	65.46
	SC5(△t=6K)	25.69	30.87	39.50	46.91	51.38	61.87
换热面积(㎡)heat exchange area		157	209	234	310	314	418
管容(dm³) tube volume		53.4	76.2	80.6	104.4	108.6	142.6
风量(m³/h) air flow rate		31400	28800	47400	45300	62200	60400
电机总功率(kW) total fan power		3.36/2.6*	3.36/2.6*	5.04/3.87*	5.04/3.87*	6.72/5.16*	6.72/5.16*
电机总电流(A) total fan current		5.8/5.48*	5.8/5.48*	8.8/8.22*	8.8/8.22*	11.6/2.96*	11.6/2.96*
射程(m) air flow		24	22	25	23	26	24
化霜总功率(kW)defrost power		18	18	28.8	28.8	36	36
接口管径(进/出Φmm) pipe dia		2x22/2x42	2x28/2x42	2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x54
噪音(dBA) noise(dBA)		67	68	70	71	72	73
重量(kg) weight		366	418	490	556	720	806

整机外形尺寸表 overall size											
No.	型号 Model	L(mm)	L1(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1(mm)	G(mm)
1	MJQ504	2630	1165	950	1855	1000	1000			665	G 2"
2	MJQ506	3630	1815	950	1855	1000	1000	1000		665	G 2"
3	MJQ508	4630	2165	950	1855	1000	1000	1000	1000	665	G 2"



MJQ63系列落地式冷风机

盘管

铜管材质： Φ15.88"(Φ5/8") 光管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50*50 V型波纹片
翅片间距：C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化霜
(可选择但额外收费)

- 盘管电融霜符合VDE0720标准和水盘电融霜 MJQ ... -E
- 盘管和水盘热气融霜 MJQ ...-H

MJQ63 Series Floor-Standing Evaporator

COIL

Copper tube material: Φ15.88"(Φ5/8") light pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C08=8mm ,C10=10mm, C16=8/16

DEFROSTING
(optional against additional price)

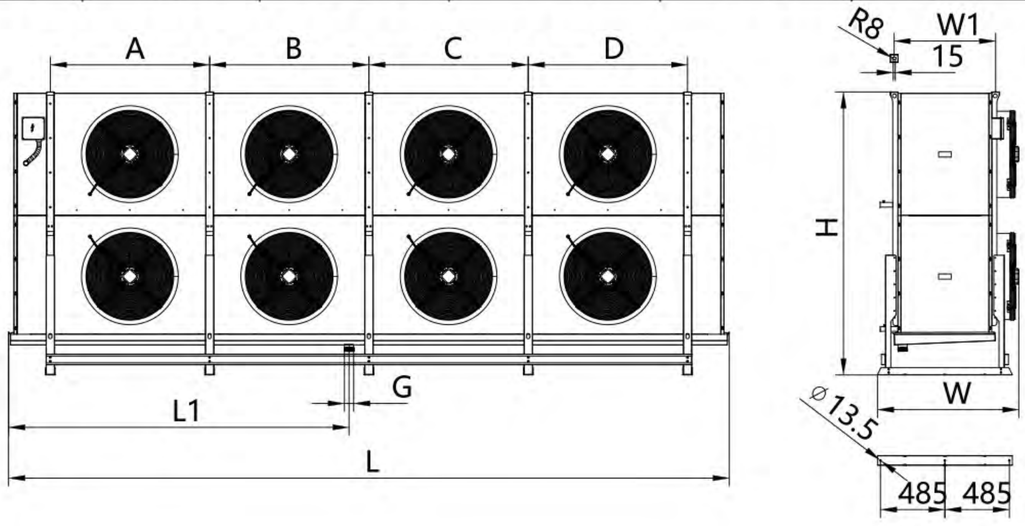
- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJQ ... -E
- hot gas defrost MJQ ...-H

MJQ63系列
MJQ63Fseries

Φ630mm-8P								R404A
C08=8mm翅片间距 Fin spacing								
型号 model		MJQ634C08L6-E	MJQ634C08L8-E	MJQ636C08L6-E	MJQ636C08L8-E	MJQ638C08L6-E	MJQ638C08L8-E	
制冷量(kW) Cooling capacity	SC1(△t=10K)	94.93	117.85	145.38	180.05	191.65	237.19	
	SC2(△t=8K)	63.80	79.20	97.70	121.00	128.80	159.40	
	SC3(△t=7K)	49.64	61.62	76.01	94.14	100.21	124.01	
	SC4(△t=6K)	40.39	50.13	61.84	76.59	81.53	100.90	
	SC5(△t=6K)	39.68	49.26	60.77	75.26	80.11	99.15	
换热面积(㎡)heat exchange area		324	432	486	645	652	854	
管容(dm³) tube volume		85.6	118.6	134	178.6	192.4	238	
风量(m³/h) air flow rate		57800	56000	86700	82400	127600	122300	
电机总功率(kW) total fan power		7.6/7.0*	7.6/7.0*	11.4/10.5*	11.4/10.5*	15.2/14.0*	15.2/14.0*	
电机总电流(A) total fan current		12.8/12.88*	12.8/12.88*	19.2/19.4*	19.2/19.4*	25.6/25.76*	25.6/25.76*	
射程(m) air flow		38	36	40	37	42	39	
化霜总功率(kW)defrost power		32.4	36	43.2	57.6	54	72	
接口管径(进/出Φmm) pipe dia		2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x64	2x35/2x67	2x35/2x67	
噪音(dBA) noise(dBA)		70	71	72	74	75	77	
重量(kg) weight		750	790	1120	1185	1480	1560	

Φ630mm-10P								R404A
C10=10mm翅片间距 Fin spacing								
型号 model		MJQ634C10L6-E	MJQ634C10L8-E	MJQ636C10L6-E	MJQ636C10L8-E	MJQ638C10L6-E	MJQ638C10L8-E	
制冷量(kW) Cooling capacity	SC1(△t=10K)	83.48	105.35	128.56	161.30	169.19	212.19	
	SC2(△t=8K)	56.10	70.80	86.40	108.40	113.70	142.60	
	SC3(△t=7K)	43.65	55.08	67.22	84.34	88.46	110.94	
	SC4(△t=6K)	35.51	44.82	54.69	68.62	71.97	90.27	
	SC5(△t=6K)	34.89	44.04	53.74	67.42	70.72	88.70	
换热面积(㎡)heat exchange area		260	348	392	524	532	710	
管容(dm³) tube volume		85.6	118.6	134	178.6	192.4	238	
风量(m³/h) air flow rate		58100	56800	87200	83300	128400	123100	
电机总功率(kW) total fan power		7.6/7.0*	7.6/7.0*	11.4/10.5*	11.4/10.5*	15.2/14.0*	15.2/14.0*	
电机总电流(A) total fan current		12.8/12.88*	12.8/12.88*	19.2/19.4*	19.2/19.4*	25.6/25.76*	25.6/25.76*	
射程(m) air flow		40	38	42	39	44	41	
化霜总功率(kW)defrost power		32.4	36	43.2	57.6	54	72	
接口管径(进/出Φmm) pipe dia		2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x64	2x35/2x67	2x35/2x67	
噪音(dBA) noise(dBA)		70	71	72	74	75	77	
重量(kg) weight		726	758	1068	1145	1436	1520	

整机外形尺寸表 overall size											
No.	型号 Model	L(mm)	L1(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1(mm)	G(mm)
1	MJQ634	3030	1365	1065	2135	1200	1200			765	G 2"
2	MJQ636	4230	2115	1065	2135	1200	1200	1200		765	G 2"
3	MJQ638	5430	2565	1065	2135	1200	1200	1200	1200	765	G 2"



MAJORROLE

MJQ63系列落地式冷风机

盘 管

铜管材质： Φ15.88"(Φ5/8") 光管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50*50 V型波纹片
翅片间距：C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)

- 盘管电融霜符合VDE0720标准和水盘电融霜 MJQ ... -E
- 盘管和水盘热气融霜 MJQ ...-H

MJQ63 Series Floor-Standing Evaporator

COIL

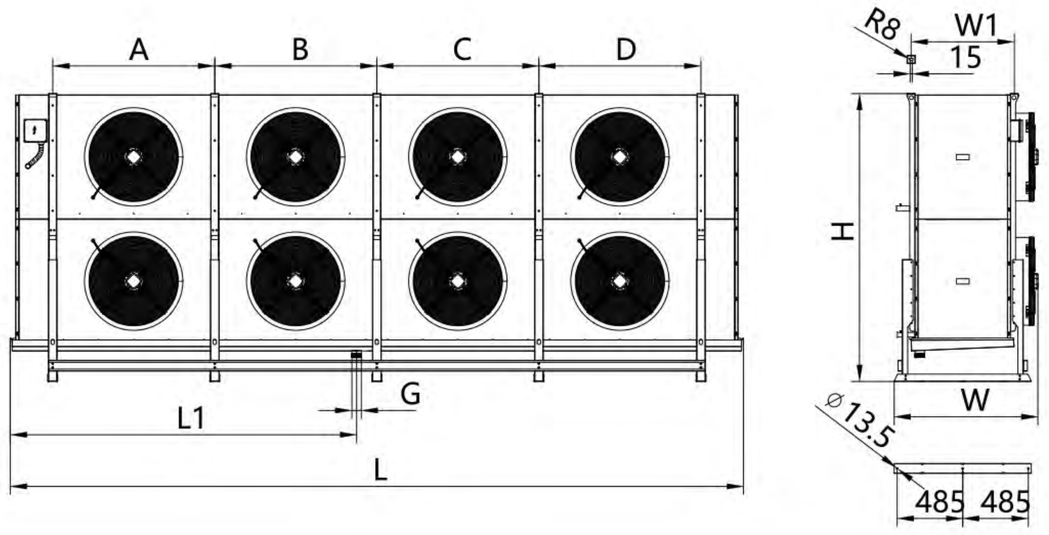
Copper tube material: Φ15.88"(Φ5/8") light pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C08=8mm ,C10=10mm, C16=8/16

DEFROSTING
(optional against additional price)

- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJQ ... -E
- hot gas defrost MJQ ...-H

MJQ63系列
MJQ63Fseries

Φ630mm-8/16P							R404A
C16=8/16mm翅片间距 Fin spacing							
型号 model		MJQ634C16L6-E	MJQ634C16L8-E	MJQ636C16L6-E	MJQ636C16L8-E	MJQ638C16L6-E	MJQ638C16L8-E
制冷量(kW) Cooling capacity	SC1(△t=10K)	85.41	109.96	128.86	168.44	176.03	220.82
	SC2(△t=8K)	57.40	73.90	86.60	113.20	118.30	148.40
	SC3(△t=7K)	44.66	57.49	67.37	88.07	92.04	115.46
	SC4(△t=6K)	36.33	46.78	54.82	71.66	74.88	93.94
	SC5(△t=6K)	35.70	45.97	53.87	70.41	73.58	92.30
换热面积(㎡)heat exchange area		282	376	408	568	576	725
管容(dm³) tube volume		85.6	118.6	134	178.6	192.4	238
风量(m³/h) air flow rate		57800	56200	86700	82800	127900	122600
电机总功率(kW) total fan power		7.6/7.0*	7.6/7.0*	11.4/10.5*	11.4/10.5*	15.2/14.0*	15.2/14.0*
电机总电流(A) total fan current		12.8/12.88*	12.8/12.88*	19.2/19.4*	19.2/19.4*	25.6/25.76*	25.6/25.76*
射程(m) air flow		39	37	41	38	43	40
化霜总功率(kW)defrost power		32.4	36	43.2	57.6	54	72
接口管径(进/出Φmm) pipe dia		2x28/2x42	2x35/2x54	2x35/2x54	2x35/2x64	2x35/2x67	2x35/2x67
噪音(dBA) noise(dBA)		70	71	72	74	75	77
重量(kg) weight		742	768	1085	1165	1458	1525

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	L1(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1(mm)	G(mm)
1	MJQ634	3030	1365	1065	2135	1200	1200			765	G 2"
2	MJQ636	4230	2115	1065	2135	1200	1200	1200		765	G 2"
3	MJQ638	5430	2565	1065	2135	1200	1200	1200	1200	765	G 2"