哲雪冷链，链接美好未来
Zhe Xue cold chain, link a better future

哲雪官微　哲雪官网　电子样册

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哲雪集团 ZHE XUE GROUP | 江苏哲雪冷链设备有限公司 JIANGSU ZHEXUE COLD CHAIN EQUIPMENT CO.,LTD

产品手册（CO_2系列）
Product manual (CO_2 series)

制冷设备、系统、自控全套方案服务商

绿色环保，选用天然工质CO_2作为制冷剂

2025年A版

CO2水冲霜冷风机
CO2 Water Defrosting Evaporator

MJN系列水冲霜(非标定制)

MJX商用斜出风冷风机

CO_2冷风机是采用SUS304不锈钢管+铝翅片生产的冷风机，用于各项制冷工程、冷却、速冻及高低温储存的关键设备，化霜方式可分为电化霜、水冲霜、自然化霜、热气除霜。

CO_2 evaporator adopts SUS304 S/S tube and aluminum fins, which is a crucial equipment in refrigeration projects, cooling, quick-freezing and wide temperature storage fields. It supports electric defrosting, water defrosting, natural defrosting and thermal defrosting.

产品特点 Product feature

环保性：CO_2对臭氧破坏潜值 ODP 为 0，全球变暖潜值 GWP 为 1，对大气臭氧层没有破坏作用，可以减少全球温室效应，且未来不存在制冷剂回收处理的问题。
安全性：无毒，不可燃，化学性质稳定，设备运行过程中可确保人员和食品安全。
经济性：作为工业产品生产的副产品，获取容易，其价格只有常规氟利昂的十分之一，可以大大降低制冷剂替代成本，节约能源，解决化合物对环境的污染问题。
外壳：标准产品外壳为镀锌板喷塑，另外还有镀铝镁锌板、不锈钢板等，客户可根据自己的需要定制。
风机：配套高效、节能、低噪声轴流风机，根据送风距离的要求，分别采用网罩式、网罩导风筒式、内转子筒式轴流。
出厂试验：空气冷却器产品均经 3.5MPa 气压试验，并充 0.05MPa 氮气后出厂。

Products Feature

Environment-friendly: CO_2 has an Ozone Depletion Potential (ODP) of 0 and a Global Warming Potential (GWP) of 1. It does not harm to atmospheric ozone layer, can reduce global greenhouse effects, and there is no such issue for refrigerant recovery and disposal in the future.
Safety: With no poison, nonflammable, and stable chemistry characteristic, which can ensure staff and food safety during equipment operation.
Economy: As sub-product of industrial products, it’ s easy to obtain and only 10% cost of regular Freon, and It can significantly reduce the cost of refrigerant substitution, save energy and solve the problem of environmental pollution caused by compounds.
Shell: Standard product shell is galvanized panel spraying plastics, plus aluminized magnesium-zinc sheet, stainless steel(s/s) sheet. Support customization.
Fan: Equipped with high-efficiency, energy-saving and low noise axial flow fan, and according to the air-flow distance, it respectively adopts mesh cover type, mesh cover air guide tube type, inner rotor tube type axial flow
Factory test: All air cooler products undergo a 3.5MPa air pressure test and are filled with 0.05MPa nitrogen before leaving the factory

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R-404A，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

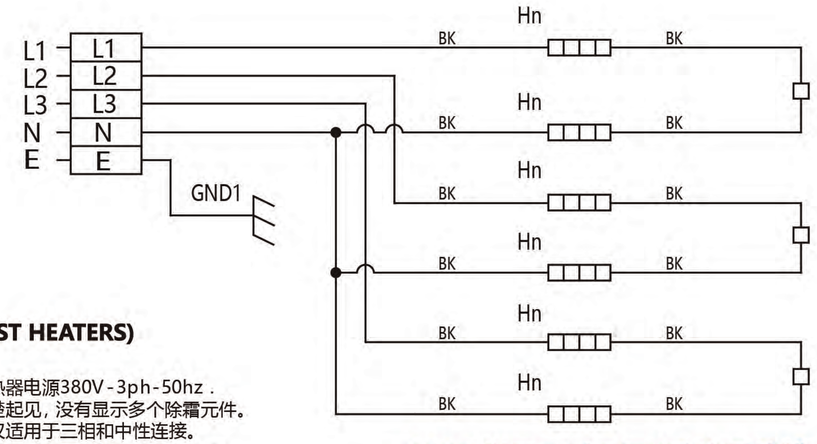
修正系数参考值 Correction coefficient reference value

DT1	参考名义制冷量SC1工况 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

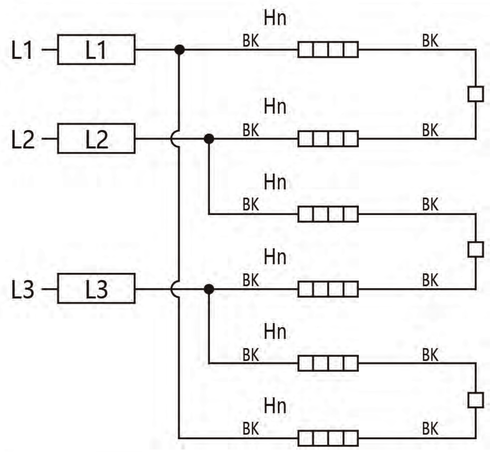
DT1	参考名义制冷量SC4工况 SC4工况，t_o=-32℃，DT1=6K 蒸发温度（t_o）							
K	-28	-29	-30	-31	-32	-33	-34	-35
6	1.007	1.005	1.002	1.000	0.996	0.992	0.987	0.982
7	1.195	1.19	1.186	1.18	1.174	1.167	1.16	1.154
8	1.365	1.359	1.352	1.345	1.336	1.327	1.317	1.306
9	1.533	1.525	1.516	1.506	1.495	1.483	1.471	1.457
10	1.698	1.688	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	SC2	SC3	SC4	SC5
泵供液	1.005	0.758	0.616	0.600



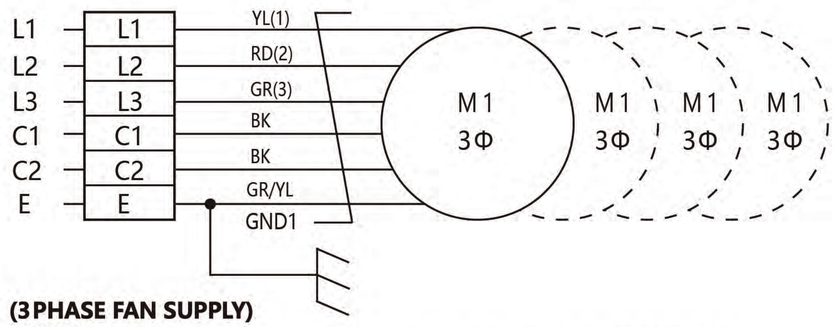
(DEFROST HEATERS)
NOTE:
1. 除霜加热器电源380V-3ph-50hz .
2. 为了清楚起见，没有显示多个除霜元件。
3. 警告：仅适用于三相和中性连接。
1. Defrost Heater Supply 380V-3Ph-50Hz.
2. For clarity multiple defrost elements are not shown.
3. Warning: only suitable for 3-phase and neutral connection.

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



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

(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.



(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。

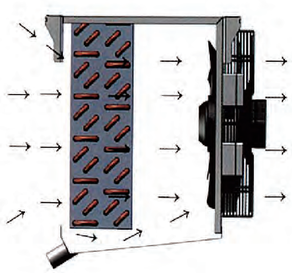
FANS
Low noise, maintenanc free fanmotors, with protection class f and ip 54, compliant to din 40050. Standard motors are suitable for temperatures from-40°cto+45°c,however motors with other temperature requirements are available on request. Standard motors are 2 speed and capacities and air flow shown 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.

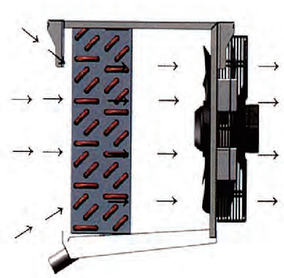
声压级
噪音测试标准依据EN13487

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℃ working condition, the capacity is calculated on 80% RH.
Under -18/25℃ 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℃ 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)

MJL50-WCO2系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘
  电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL50-WCO2 Large Industrial Type Evaporator

COIL

Copper tube material: Φ16″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm , C16=8/16

DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray
  ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

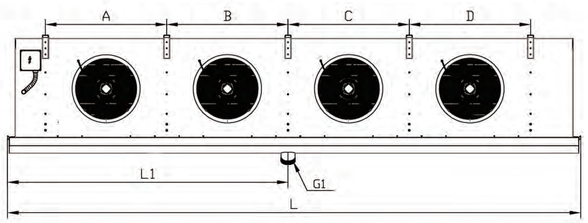
MJL50-WCO2系列
MJL50-WCO2Fseries

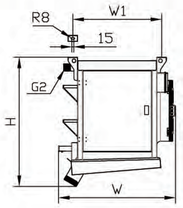
Φ500mm-4P						R744A
C04=4.5mm翅片间距 Fin spacing						
型号 model		MJL502C04R4S-WCO2	MJL502C04R6S-WCO2	MJL503C04R4S-WCO2	MJL503C04R6S-WCO2	MJL504C04R4S-WCO2	MJL504C04R6S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	27.80	34.40	41.30	51.90	55.90	68.20
	SC3(△t=7K)	21.20	26.30	31.40	39.50	42.60	51.80
换热面积(㎡) heat exchange area		122.50	177.00	178.50	267.00	238.50	357.80
管容(dm³) tube volume		19.18	28.70	27.80	41.30	38.60	58.00
风量(m³/h) air flow rate		15734	14086	23249	21689	31000	28948
电机总功率(kW) total fan power		1680	1680	2520	2520	3360	3360
电机总电流(A) total fan current		2.9	2.9	4.4	4.4	5.8	5.8
射程(m) air flow		23	25	26	24	26	25
冲霜水量(m³/h)defrost water flow rate		5.2	7.5	7.6	11.3	10	15.1
接口管径(进/出Φmm) pipe dia		25/32	25/32	32/40	32/40	32/40	40/50
噪音(dB)(5米) noise(5m)		62	63	65	66	68	69
重量(kg) weight		215	235	310	330	415	435

Φ500mm-6P						R744A
C06=6mm翅片间距 Fin spacing						
型号 model		MJL502C06R4S-WCO2	MJL502C06R6S-WCO2	MJL503C06R4S-WCO2	MJL503C06R6S-WCO2	MJL504C06R4S-WCO2	MJL504C06R6S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	23.60	27.60	31.20	43.20	46.70	55.90
	SC3(△t=7K)	18.10	21.50	24.50	33.60	36.40	43.00
	SC4(△t=6K)	15.30	17.70	20.10	27.70	29.80	35.70
换热面积(㎡) heat exchange area		91.90	135.20	138.60	203.20	181.28	272.50
管容(dm³) tube volume		19.18	28.7	27.8	41.3	38.6	58
风量(m³/h) air flow rate		14670	13770	24200	23699	32200	29944
电机总功率(kW) total fan power		1300	1300	2520	2520	3360	3360
电机总电流(A) total fan current		2.74	2.74	4.4	4.4	5.8	5.8
射程(m) air flow		24	26	27	25	27	26
冲霜水量(m³/h)defrost water flow rate		3.8	5.7	6.1	8.6	7.5	11.5
接口管径(进/出Φmm) pipe dia		25/32	25/32	32/40	32/40	32/40	40/50
噪音(dB)(5米) noise(5m)		62	63	65	66	68	69
重量(kg) weight		210	220	305	320	410	430

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL502	2690	1055	1050	1000	1000			784	G 4"	G 2"
2	MJL503	3690	1055	1050	1000	1000	1000		784	2×G 4"	2×G 2"
3	MJL504	4690	1055	1050	1000	1000	1000	1000	784	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，选用国产电机时制冷量减少4%，同时注意国产电机功率为：单个电机为645W，电流1.37A

MJL50-WCO2系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘
  电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL50-WCO2 Large Industrial Type Evaporator

COIL

Copper tube material: Φ16 ″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm , C16=8/16

DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray
  ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

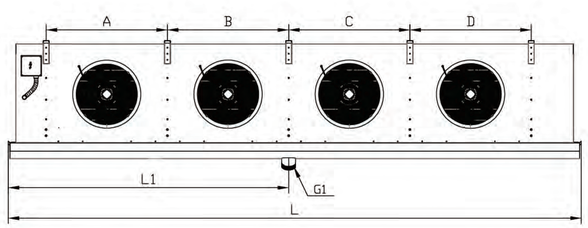
MJL50-WCO2系列
MJL50-WCO2Fseries

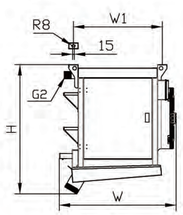
Φ500mm-8P						R744A
C08=8mm翅片间距 Fin spacing						
型号 model		MJL502C08R4S-WCO2	MJL502C08R6S-WCO2	MJL503C08R4S-WCO2	MJL503C08R6S-WCO2	MJL504C08R4S-WCO2	MJL504C08R6S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	19.80	26.30	29.30	40.10	40.20	51.90
	SC3(△t=7K)	15.20	20.20	22.60	30.80	30.90	39.90
	SC4(△t=6K)	12.20	16.30	18.10	24.60	24.90	32.10
换热面积(㎡) heat exchange area		68.90	103.40	103.90	155.90	138.90	208.40
管容(dm³) tube volume		19.18	28.7	27.8	41.3	38.6	58
风量(m³/h) air flow rate		16300	15800	24400	23500	32600	31600
电机总功率(kW) total fan power		1680	1680	2520	2520	3360	3360
电机总电流(A) total fan current		2.9	2.9	4.4	4.4	5.8	5.8
射程(m) air flow		25	27	28	26	28	28
冲霜水量(m³/h)defrost water flow rate		2.9	5.7	6.1	8.6	7.5	11.5
接口管径(进/出Φmm) pipe dia		25/32	25/32	32/40	32/40	32/40	40/50
噪音(dB)(5米) noise(5m)		62	63	65	66	68	69
重量(kg) weight		200	215	295	315	395	425

Φ500mm-10P						R744A
C10=10mm翅片间距						
型号 model		MJL502C10R4S-WCO2	MJL502C10R6S-WCO2	MJL503C10R4S-WCO2	MJL503C10R6S-WCO2	MJL504C10R4S-WCO2	MJL504C10R6S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	17.20	23.30	25.40	35.50	34.90	45.80
	SC3(△t=7K)	13.20	17.90	19.50	27.30	26.80	35.20
	SC4(△t=6K)	10.60	14.40	15.70	22.00	21.60	28.40
换热面积(㎡) heat exchange area		55.10	84.40	84.80	124.70	113.00	170.16
管容(dm³) tube volume		19.18	28.7	27.8	41.3	38.6	58
风量(m³/h) air flow rate		16400	16000	24600	24000	33400	32000
电机总功率(kW) total fan power		1680	1680	2520	2520	3360	3360
电机总电流(A) total fan current		2.9	2.9	4.4	4.4	5.8	5.8
射程(m) air flow		25	27	28	26	28	28
冲霜水量(m³/h)defrost water flow rate		3.8	5.7	6.1	8.6	7.5	11.5
接口管径(进/出Φmm) pipe dia		25/32	25/32	32/40	32/40	32/40	40/50
噪音(dB)(5米) noise(5m)		62	63	65	66	68	69
重量(kg) weight		195	210	290	310	390	415

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL502	2690	1055	1050	1000	1000			784	G 4"	G 2"
2	MJL503	3690	1055	1050	1000	1000	1000		784	2×G 4"	2×G 2"
3	MJL504	4690	1055	1050	1000	1000	1000	1000	784	2×G 4"	2×G 2"





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MJL63-WCO2系列系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)

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

MJL63-WCO2 Large Industrial Type Evaporator

COIL

Copper tube material: Φ16″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm , C16=8/16

DEFROSTING
(optional against additional price)

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

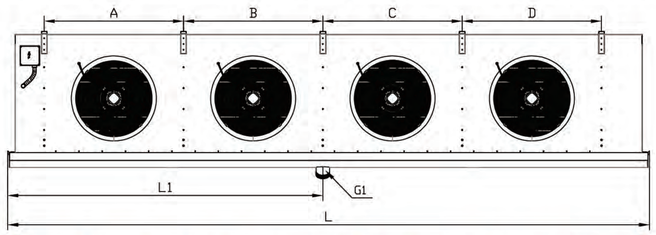
MJL63-WCO2系列
MJL63-WCO2Fseries

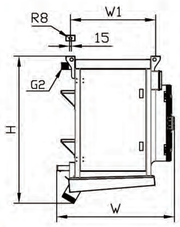
Φ630mm-4P						R744A
C04=4.5mm翅片间距 Fin spacing						
型号 model		MJL632C04R6S-WCO2	MJL632C04R8S-WCO2	MJL633C04R6S-WCO2	MJL633C04R8S-WCO2	MJL634C04R6S-WCO2	MJL634C04R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	59.50	67.40	87.30	101.20	119.00	135.00
	SC3(△t=7K)	46.20	52.10	67.80	78.20	92.00	104.30
换热面积(㎡) heat exchange area		274.20	366.00	413.60	551.50	552.70	737.00
管容(dm³) tube volume		42.80	59.30	67.00	89.30	89.50	119.40
风量(m³/h) air flow rate		27100	26700	41800	40100	55800	53500
电机总功率(kW) total fan power		3700	3700	5550	5550	7400	7400
电机总电流(A) total fan current		6.4	6.4	9.6	9.6	12.8	12.8
射程(m) air flow		35	34	38	36	39	38
冲霜水量(m³/h)defrost water flow rate		11.6	15.2	17.4	23.3	22.7	31.2
接口管径(进/出Φmm) pipe dia		32/40	32/40	40/50	40/50	40/50	50/65
噪音(dB)(5米) noise(5m)		71	72	74	75	77	78
重量(kg) weight		395	415	595	625	780	820

Φ630mm-6P						R744A
C06=6mm翅片间距 Fin spacing						
型号 model		MJL632C06R6S-WCO2	MJL632C06R8S-WCO2	MJL633C06R6S-WCO2	MJL633C06R8S-WCO2	MJL634C06R6S-WCO2	MJL634C06R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	52.40	61.20	76.50	91.90	105.00	122.60
	SC3(△t=7K)	40.50	47.30	59.10	71.00	81.00	94.70
	SC4(△t=6K)	33.20	38.80	48.50	58.20	66.50	77.70
换热面积(㎡) heat exchange area		208.60	278.80	315.00	420.10	420.90	561.30
管容(dm³) tube volume		42.8	59.3	67	89.3	89.5	119.4
风量(m³/h) air flow rate		28400	27400	42700	41200	57000	55000
电机总功率(kW) total fan power		3700	3700	5550	5550	7400	7400
电机总电流(A) total fan current		6.4	6.4	9.6	9.6	12.8	12.8
射程(m) air flow		36	35	39	37	39	38
冲霜水量(m³/h)defrost water flow rate		8.8	11.7	13.3	17.7	17.7	23.7
接口管径(进/出Φmm) pipe dia		32/40	32/40	40/50	40/50	40/50	50/65
噪音(dB)(5米) noise(5m)		71	72	74	75	77	78
重量(kg) weight		385	410	580	615	770	810

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL632	3090	1055	1260	1200	1200			784	G 4"	G 2"
2	MJL633	4290	1055	1260	1200	1200	1200		784	2×G 4"	2×G 2"
3	MJL634	5490	1055	1260	1200	1200	1200	1200	784	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，选用国产电机时制冷量减少2%，同时注意国产电机功率为：单个电机为1750W，电流3.22A

MJL63-WCO2系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)

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

MJL63-WCO2 Large Industrial Type Evaporator

COIL

Copper tube material: Φ16 ″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm , C16=8/16

DEFROSTING
(optional against additional price)

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

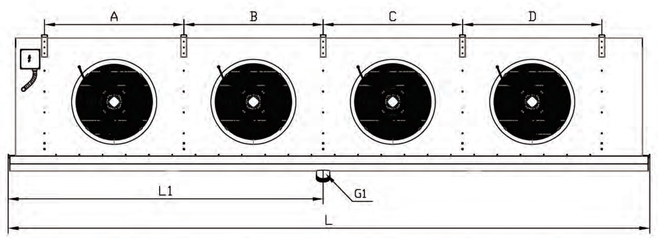
MJL63-WCO2系列
MJL63-WCO2Fseries

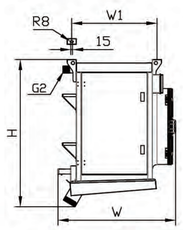
Φ630mm-8P						R744A
C08=8mm翅片间距 Fin spacing						
型号 model		MJL632C08R6S-WCO2	MJL632C08R8S-WCO2	MJL633C08R6S-WCO2	MJL633C08R8S-WCO2	MJL634C08R6S-WCO2	MJL634C08R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	45.20	54.20	65.80	81.30	90.60	108.50
	SC3(△t=7K)	34.94	41.90	50.86	62.84	70.03	83.87
	SC4(△t=6K)	28.66	34.36	41.72	51.54	57.44	68.79
换热面积(㎡) heat exchange area		159.50	213.40	241.10	321.50	322.16	429.50
管容(dm³) tube volume		42.8	59.3	67	89.3	89.5	119.4
风量(m³/h) air flow rate		28900	28000	43400	42100	57900	56200
电机总功率(kW) total fan power		3700	3700	5550	5550	7400	7400
电机总电流(A) total fan current		6.4	6.4	9.6	9.6	12.8	12.8
射程(m) air flow		37	36	40	38	40	39
冲霜水量(m³/h)defrost water flow rate		6.7	9.2	10.2	13.5	13.6	15.1
接口管径(进/出Φmm) pipe dia		32/40	32/40	40/50	40/50	40/50	50/65
噪音(dB)(5米) noise(5m)		71	72	74	75	77	78
重量(kg) weight		375	395	560	595	745	780

Φ630mm-10P						R744A
C10=10mm翅片间距 Fin spacing						
型号 model		MJL632C10R6S-WCO2	MJL632C10R8S-WCO2	MJL633C10R6S-WCO2	MJL633C10R8S-WCO2	MJL634C10R6S-WCO2	MJL634C10R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	40.00	48.70	58.10	73.10	80.00	97.50
	SC3(△t=7K)	30.92	37.65	44.91	56.51	61.84	75.37
	SC4(△t=6K)	25.36	30.88	36.84	46.35	50.72	61.82
换热面积(㎡) heat exchange area		130.10	174.10	196.70	262.30	262.80	350.40
管容(dm³) tube volume		42.8	59.3	67	89.3	89.5	119.4
风量(m³/h) air flow rate		29000	28400	43900	42700	58500	57000
电机总功率(kW) total fan power		3700	3700	5550	5550	7400	7400
电机总电流(A) total fan current		6.4	6.4	9.6	9.6	12.8	12.8
射程(m) air flow		38	37	41	40	42	41
冲霜水量(m³/h)defrost water flow rate		5.5	7.4	8.3	11.2	11.3	14.8
接口管径(进/出Φmm) pipe dia		32/40	32/40	40/50	40/50	40/50	50/65
噪音(dB)(5米) noise(5m)		71	72	74	75	77	78
重量(kg) weight		370	390	550	580	730	770

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL632	3090	1055	1260	1200	1200			784	G 4"	G 2"
2	MJL633	4290	1055	1260	1200	1200	1200		784	2×G 4"	2×G 2"
3	MJL634	5490	1055	1260	1200	1200	1200	1200	784	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，选用国产电机时制冷量减少2%，同时注意国产电机功率为：单个电机为1750W，电流3.22A

MJL63-WCO2系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL63-WCO2 Large Industrial Type Evaporator

COIL

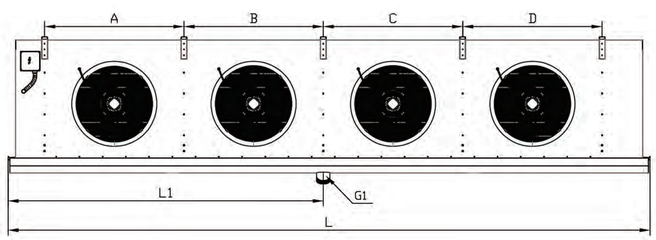
Copper tube material: Φ16 ″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm，C06=6mm，C08=8mm，C10=10mm，C16=8/16

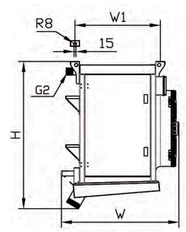
DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

MJL63-WCO2系列
MJL63-WCO2Fseries

Φ630mm-8/16P						R744A
C16=8/16mm翅片间距 Fin spacing						
型号 model		MJL632C16R6S-WCO2	MJL632C16R8S-WCO2	MJL633C16R6S-WCO2	MJL633C16R8S-WCO2	MJL634C16R6S-WCO2	MJL634C16R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	41.20	50.80	61.40	76.30	84.10	101.80
	SC3(△t=7K)	31.85	39.27	47.46	58.98	65.01	78.70
	SC4(△t=6K)	26.12	32.21	38.93	48.37	53.32	64.60
换热面积(㎡) heat exchange area		141.00	188.70	204.10	284.30	272.70	363.60
管容(dm³) tube volume		42.8	59.3	67	89.3	89.5	119.4
风量(m³/h) air flow rate		29140	28300	43800	42500	58400	56800
电机总功率(kW) total fan power		3700	3700	5550	5550	7400	7400
电机总电流(A) total fan current		6.4	6.4	9.6	9.6	12.8	12.8
射程(m) air flow		37	36	40	38	40	39
冲霜水量(m³/h)defrost water flow rate		5.9	7.9	8.6	12	11.5	15.3
接口管径(进/出Φmm) pipe dia		32/40	32/40	40/50	40/50	40/50	50/65
噪音(dB)(5米) noise(5m)		71	72	74	75	77	78
重量(kg) weight		372	392	555	590	732	775

整机外形尺寸表 overall size											
No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL632	3090	1055	1260	1200	1200			784	G 4"	G 2"
2	MJL633	4290	1055	1260	1200	1200	1200		784	2×G 4"	2×G 2"
3	MJL634	5490	1055	1260	1200	1200	1200	1200	784	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，选用国产电机时制冷量减少2%，同时注意国产电机功率为：单个电机为1750W，电流3.22A

MJL80-WCO2系列大型工业型冷风机

盘 管

铜管材质：Φ16 ″（Φ5/8″）不锈钢管
翅片材质：光铝箔，防腐铝箔（亲水铝箔）
盘管片型：50 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL80-WCO2 Large Industrial Type Evaporator

COIL

Copper tube material: Φ16 ″(Φ5/8″) Stainless steel pipe
fin material: Light aluminum foil, Anti-corrosion aluminum foil (hydrophilic aluminum foil)
Disk segment: 50x50 V corrugated segment
Fin spacing: C04=4.5mm，C06=6mm，C08=8mm，C10=10mm，C16=8/16

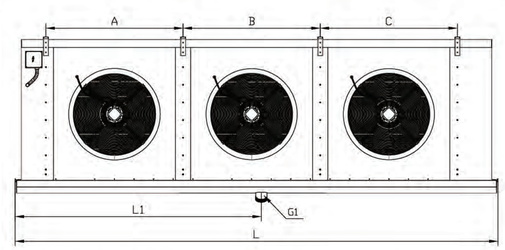
DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

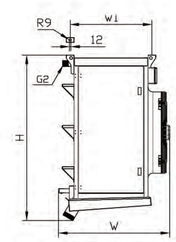
MJL80-WCO2系列
MJL80-WCO2Fseries

Φ800mm-4P					R744A
C04=4.5mm翅片间距 Fin spacing					
型号 model		MJL802C04R6S-WCO2	MJL802C04R8S-WCO2	MJL803C04R6S-WCO2	MJL803C04R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	86.20	99.50	135.20	152.80
	SC3(△t=7K)	66.60	76.90	104.50	118.10
换热面积(㎡) heat exchange area		499.30	665.70	751.60	1002.20
管容(dm³) tube volume		80.90	107.90	121.80	160.90
风量(m³/h) air flow rate		39800	37700	59700	56700
电机总功率(kW) total fan power		3800	3800	5400	5400
电机总电流(A) total fan current		7.8	7.8	11.7	11.7
射程(m) air flow		40	38	43	41
冲霜水量(m³/h)defrost water flow rate		16.4	21.4	24.2	32.3
接口管径(进/出Φmm) pipe dia		2*32/2*40	2*32/2*40	2*40/2*50	2*40/2*50
噪音(dB)(5米) noise(5m)		72	73	75	76
重量(kg) weight		595	635	885	924

Φ800mm-6P					R744A
C06=6mm翅片间距 Fin spacing					
型号 model		MJL802C06R6S-WCO2	MJL802C06R8S-WCO2	MJL803C06R6S-WCO2	MJL803C06R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	75.90	90.90	119.80	140.50
	SC3(△t=7K)	58.60	70.20	92.60	108.60
	SC4(△t=6K)	48.10	57.60	75.90	89.00
换热面积(㎡) heat exchange area		380.20	507.00	572.40	763.30
管容(dm³) tube volume		80.9	107.9	121.8	160.9
风量(m³/h) air flow rate		40800	39000	61400	58700
电机总功率(kW) total fan power		3800	3800	5400	5400
电机总电流(A) total fan current		7.8	7.8	11.7	11.7
射程(m) air flow		41	39	44	42
冲霜水量(m³/h)defrost water flow rate		16.4	21.4	24.2	32.3
接口管径(进/出Φmm) pipe dia		2*32/2*40	2*32/2*40	2*40/2*50	2*40/2*50
噪音(dB)(5米) noise(5m)		72	73	75	76
重量(kg) weight		580	615	865	905

整机外形尺寸表 overall size											
No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL802	3490	1165	1775	1400	1400			884	G 4"	G 2"
2	MJL803	4890	1165	1775	1400	1400	1400		884	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，注意国产电机功率为：单个电机为1923W，电流4.21A

MJL80-WCO2系列大型工业型冷风机

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 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘
  电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL80-WCO2 Large Industrial Type 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: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm, C16=8/16

DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray
  ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

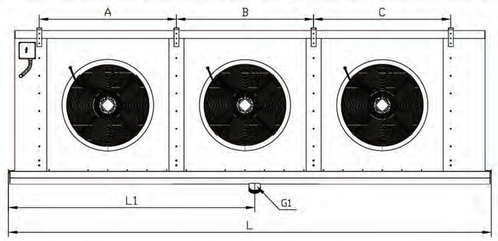
MJL80-WCO2系列
MJL80-WCO2Fseries

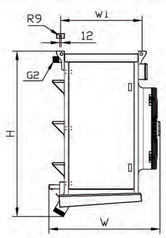
Φ800mm-8P					R744A
C08=8mm翅片间距 Fin spacing					
型号 model		MJL802C08R6S-WCO2	MJL802C08R8S-WCO2	MJL803C08R6S-WCO2	MJL803C08R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	65.60	81.00	103.90	125.70
	SC3(△t=7K)	50.70	62.60	80.30	97.10
	SC4(△t=6K)	41.50	51.30	65.80	79.60
换热面积(㎡) heat exchange area		291.00	388.00	438.10	583.70
管容(dm³) tube volume		80.9	107.9	121.8	160.9
风量(m³/h) air flow rate		41700	40100	62700	60300
电机总功率(kW) total fan power		3800	3800	5400	5400
电机总电流(A) total fan current		7.8	7.8	11.7	11.7
射程(m) air flow		41	39	44	42
冲霜水量(m³/h)defrost water flow rate		12.3	16.4	18.5	24.6
接口管径(进/出Φmm) pipe dia		2*32/2*40	2*32/2*40	2*40/2*50	2*40/2*50
噪音(dB)(5米) noise(5m)		72	73	75	76
重量(kg) weight		560	595	835	885

Φ800mm-10P					R744A
C10=10mm翅片间距 Fin spacing					
型号 model		MJL802C10R6S-WCO2	MJL802C10R8S-WCO2	MJL803C10R6S-WCO2	MJL803C10R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	58.10	73.00	92.00	113.00
	SC3(△t=7K)	44.90	56.40	71.10	87.30
	SC4(△t=6K)	36.40	46.20	58.30	71.60
换热面积(㎡) heat exchange area		237.40	316.60	357.40	476.20
管容(dm³) tube volume		80.9	107.9	121.8	160.9
风量(m³/h) air flow rate		42300	40900	63500	61400
电机总功率(kW) total fan power		3800	3800	5400	5400
电机总电流(A) total fan current		7.8	7.8	11.7	11.7
射程(m) air flow		41	39	44	42
冲霜水量(m³/h)defrost water flow rate		12.3	16.4	18.5	24.6
接口管径(进/出Φmm) pipe dia		2*32/2*40	2*32/2*40	2*40/2*50	2*40/2*50
噪音(dB)(5米) noise(5m)		72	73	75	76
重量(kg) weight		545	570	810	865

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL802	3490	1165	1775	1400	1400			884	G 4"	G 2"
2	MJL803	4890	1165	1775	1400	1400	1400		884	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，注意国产电机功率为：单个电机为1923W，电流4.21A

MJL80-WCO2系列大型工业型冷风机

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 x50 V型波纹片
翅片间距：C04=4.5mm片距，C06=6mm片距，
C08=8mm片距，C10=10mm片距，C16=8/16mm片距

化 霜
(可选择但额外收费)
- 水融霜 MJL ... -W
- 盘管电融霜符合VDE0720标准和水盘
  电融霜 MJL ... -E
- 盘管和水盘热气融霜 MJL ...-H

MJL80-WCO2 Large Industrial Type 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: C04=4.5mm , C06=6mm ,C08=8mm ,C10=10mm, C16=8/16

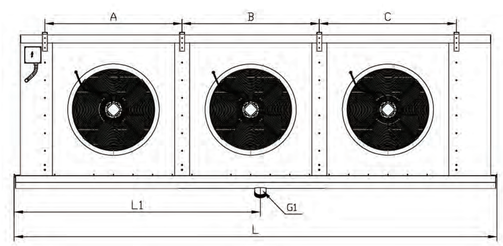
DEFROSTING
(optional against additional price)
- water defrost MJL ... -W
- electrical defrosting acc.VDE0720 in coil and Water tray
  ele. defrost MJL ... -E
- hot gas defrost MJL ...-H

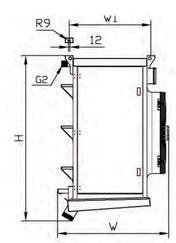
MJL80-WCO2系列
MJL80-WCO2Fseries

Φ800mm-8/16P					R744A
C16=8/16mm翅片间距 Fin spacing					
型号 model		MJL802C16R6S-WCO2	MJL802C16R8S-WCO2	MJL803C16R6S-WCO2	MJL803C16R8S-WCO2
制冷量(kW) Cooling capacity	SC2(△t=8K)	61.00	76.20	94.70	116.40
	SC3(△t=7K)	47.10	58.90	73.20	89.90
	SC4(△t=6K)	38.70	48.30	60.00	73.80
换热面积(㎡) heat exchange area		246.30	343.10	370.90	516.10
管容(dm³) tube volume		80.9	107.9	121.8	160.9
风量(m³/h) air flow rate		42200	40600	63400	61000
电机总功率(kW) total fan power		3800	3800	5400	5400
电机总电流(A) total fan current		7.8	7.8	11.7	11.7
射程(m) air flow		43	40	45	43
冲霜水量(m³/h)defrost water flow rate		12.3	16.4	18.5	24.6
接口管径(进/出Φmm) pipe dia		2*32/2*40	2*32/2*40	2*40/2*50	2*40/2*50
噪音(dB)(5米) noise(5m)		72	73	75	76
重量(kg) weight		555	585	820	875

整机外形尺寸表 overall size

No.	型号 Model	L(mm)	W(mm)	H(mm)	A(mm)	B(mm)	C(mm)	D(mm)	W1	G1(mm)	G2(mm)
1	MJL802	3490	1165	1775	1400	1400			884	G 4"	G 2"
2	MJL803	4890	1165	1775	1400	1400	1400		884	2×G 4"	2×G 2"





＊样册电机采用施乐百电机，注意国产电机功率为：单个电机为1923W，电流4.21A