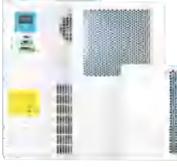
工业控制柜空调器



用户使用手册





在使用空调器前请详细阅读此说明书

conditioner. Please read this instruction carefully before using the air conditioner.

保修卡

Warranty Card

1、 保修期:

Warranty period

从售出之日起一年内,正常使用损坏,我公司负责予以保修。

- Within one year from the date of sale, our company is responsible for the warranty for these normal use of damage.

 2、在保修期内,因为以下事项发生故障,本公司维修将收取维修费During the warranty period, we will charge the maintenance fee for the following conditions:
 - (1) 机器的不正确使用; improper use of the machine;
 - (2) 部分或全部忽视使用说明书 ignore the instruction manual in part or in whole;
 - (3) 未经授权的擅自改装或修理; unauthorized modification or repair;
 - (4) 外部能源供应的缺陷; defects in external energy supply;
 - (5) 由于其他机器或零件故障,引起的本机二次故障; secondary failure of the machine due to failure of other machines or parts;
 - (6) 自然灾害。
- 3、 本机质量保证限于中国大陆境内; The quality assurance of the machine is limited to China;
- 4、 本保修卡涂改无效、遗失不补,请妥善保存; This warranty card is invalid if altered, and will not be replaced if lost. Please keep it properly.
- 5、 本保修卡必须加盖公司印章,否则无效; This warranty card must be stamped with the company's seal, otherwise it is invalid;
- 6、 使用中如果机器出现故障,请联系售后服务部: If the machine falls in use, please contact after-sales service department

产品名称 Product Name	型 号 Model	出厂编号 Factory No.	日 期 Date	
空调器 Air Conditioner				公司
制冷量 Cooling capacity		额定电流 Rated Current		公司印章

1、概述:

Summarize

工业空调器,是专门为机床及通讯、通信等行业开发制造的配套产品。 industrial air conditioner is specially developed and manufactured for machine tools, communication and other industries. 主要用来控制电器控制箱内的温度及湿度,以提高电器元件的可靠性和寿命, It is mainly used to control the temperature and humidity in the electrical control cabinet, to improve the reliability and life of electrical components, 减少电控系统因高温、潮湿等造成的故障,确保电气控制系统安全、可靠运行。 to reduce the failure of the electrical control system caused by high temperature and humidity, and ensure the safe and reliable operation of the electrical control system.

搬运与安装: 2、

Carry and installation:

- (1) 搬运过程中请勿倾斜超过45°并请勿撞击,否则会引起制冷系统失效; Do not tilt more than 45° during carry, and do not impact, otherwise it will cause cooling system failure;
- 机器不得受阳光曝晒,不得与酸、碱等腐蚀性物品一起放置; The machine should not be exposed to the sun, and should not be placed with acid, alkali and other corrosive substances;
- (3) 机器必须与电器控制箱固定牢靠(使用随机附带螺栓),并保证密封良好; The machine must be firmly fixed with the electrical control box (use attached bolts), and ensure good sealing;
- (4) 机器周围应留出足够的通风空间,以利于空气流动和设备维护; The machines should leave enough ventilation space around, in order to facilitate air flow and equipment maintenance;
- (5)空调器必须在下列环境下运行:环境温度5~45℃,相对湿度不大于95%。 The air conditioner must be run in the following environment, the environment temperature is 5 ~ 45 °C, 无导电粉尘、无易燃气体和腐蚀性气体的场合。

the relative humidity is not more than 95%. Without conductive dust, no flammable gas and corrosive gas occasions.

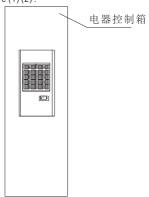
- (6) 空调器的箱内出风孔必免与机床电器控制箱内的变频器、伺服器等精密电器 The air conditioner air hole in the box must be keep enough space to the machine tool electrical control box in the 元件正对或距离太近,以防影响电器元件正常工作; inverter, and other precision electrical components, in order to avoid affecting the normal work of electrical components;
- (7) 壁挂式空调器底部有排水管配有快速接头,可外接排水管 The wall-mounted installed air conditioner can be installed onto the outer wall of the electrical control box since the bottom drain pipe have quick coupling., as shown in (1)
- (8) 安装方式:壁挂式安装:空调器安装于电器控制箱的外壁上,如图(一) Installation: a. Wall-mounted installation: the air conditioner is installed on the outer wall of the electrical control box, as show in picture 1

嵌入式安装:空调器安装于电器控制箱的外壁上,但是有一部分b. Embedded installation: the air conditioner is installed on the outer wall of the electrical control box, but some of it is embedded in

嵌入到电器控制箱的内部,如图(二)

the inside of the electrical control box, as shown in picture 2.

如图 (一) (二): As shown in picture (1) (2):



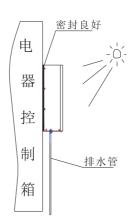
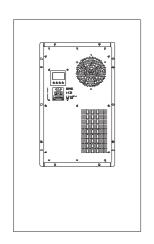


图 (一) Picture 1.

- 1、外挂式安装
- 与电器控制箱固定牢固且密封良好
- 避免阳光直射且远离热源
- 4、排水管保持通畅



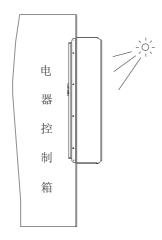


图 (二) 1、嵌入式安装

2、与电器控制箱固定牢固且密封良好

Picture 2. Embedded installation, fixed firmly and sealed well with the exlectrial control box.

电气连接: Electrical connection 3、

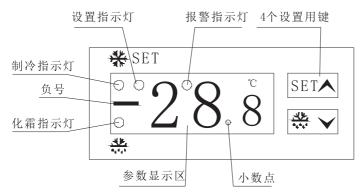
由专业人员按要求连接电源,并要求安装接地线,以确保安全。 Connect the power by professionals as required and instal the grounding wires to ensure safety. 机器在安装完毕未通电之前,应检查绝缘电阻不小于2MΩ。 Please check the insulation resistance is not less than 2 mΩ before the machine installed and unpowered.

试运行 4、

Trial operation

接通电源,设备会自动启动,当电器控制箱内温度大于设定值2℃时, The device will automatically start once switched the power, when the temperature of the electric control box is greater thanthe set 制冷系统启动(注意:有自动延时功能);当电器控制箱内温度小于设定point 2℃, the cooling system start (note: it have auto delay function). When the electric control box temperature less than the set point 2℃ 时,制冷系统停止工作。具有加热功能的机型,当电器控制箱内温度 refrigeration system to stop working. For these conditioner have heating function, when the temperature of the electric control box is below 5 °C, 低于5℃时,加热功能自动启动,当温度到达10℃后,加热自动停止(加热状 heating automatic start function, while the temperature reached after 10 °C, automatic stop heating (heating status is unlinked with the 态与面板上的温控仪设置无关,温控仪只用于制冷状态参数的设置)。 temperature controller on the panel, the temperature controller is used only for refrigeration state parameter settings).

温控盒设置与操作: Setting and operation of the temperature controller



控制器操作面板实物图



5.1、按键功能及设置方式:

5.1 The key function and setting way.

按随即作 KEY ACTION	功能 (亚尔状态下) FUNCTION *[normal condition)	功能二(技术状态下) FUNCTION2(reforman)	功能三、多数更改铁港下2 PLINCTION3(stange@eparameters)	善 注 REMA
SET		进入上刊代页 Eller to the parameters set	保存本本体应同税复养而 Bushes area area more argamen	
SET35	进入用户设置 enterIntothe user set			
*			事故更改 Parameters change	
▼319 ▼3s	进入、33出强师可产 On/aff forced cooling			3 yer sall m Automatic
*			高权证改 Parameters change	
▲3E	进入。這出資制除有 Overflorced defrested			
•		退出设置状态 Exit settings		
回5秒 回5s	⊕#L Power off			
⊙,1†¢ ⊙,1s	7+#1 Starling up			
. v 36 . v 3s	報复出「投資 Factory data reset			Д ₁ ; " display*

说明: 此表未有说明的被键功能及未显示的按键请不要随意按动。 Note: please do not grann the keyn that are not shown in this table, or the machine 香则机器不能正常工作。 will not work normally.

5.2、菜单说明:

5.2 Menu description

代明 epgs	功能说明 Function description	设置范围 Setrange	出厂设置 Factory setting	调节制度 Accommodition(prign	单位 Unit	各注 Romarx
F01	停机温度 Stop temperature	15~50	23	1.	E	
F02	制冷灵敏度 Gualiny sensitivity	1-10	5	- ¥	Ċ	
Foa	压缩机延时保护 Compress Delay protection	0-20	3.	-4	分钟 minute	
F04	muill-IRSP trigh lemperature alarm	11-70	38	I.	C	
F05	低温推鲁 low temperature alarm	-20~FI	0	_ U	C	
F06	化凝度期 Frost period	0~24	0	Î.	Nour-	0 为取消化而 0
F07	华丽特他	1~60	20:	1	分钟 minute	
F08	Froston Membersure	0~50	20	T	jî.	

5.3、指示灯说明:

5.3 lindicator light

指示灯 Indicator light	状态 Status	表示意义 Meaning		
	灭 extinguish	压缩机停止 The compress stopped working		
制冷指示灯	闪烁 twinkle	压缩机延时 The compress delayed		
Cooling light	亮 bright	压缩机工作 The compress is working		
	快闪 Quick flashing	强制制冷 Forced to make cooling		
	灭 extinguish	化霜停止 Frost stopped to working		
化霜指示灯 Frost light	亮 bright	化霜工作 Frost working		
	快闪 Quick flashing	强制化霜 Forced to make frost		
报警指示灯	灭 extinguish	报警停止 Alarm stopped		
Alarm light	亮 bright	报警工作 Alarm working		

功能说明:

5.4 Function description

5.4.1开机、停机温度: 5.4.1 starting up temperature and the shutdown temperature

当库内温度≥停机温度设定值+制冷灵敏度时,开始延时,制冷继电器输出。 When the temperature in the storage is above or equal to the set value of the shutdown temperature + the refrigeration sensitivity, the delay starts and 当库内温度<停机温度设定值时,制冷停止输出。 the refrigeration relay outputs. When the temperature in the storage is less than the set value of the shutdown temperature, the refrigeration stops the output.

5.4.2超温报警

5.4.2 Over temperature alarm

当实际温度≥高温报警温度,蜂鸣器响,同时显示相应的故障代码,请合理设置报警温度 When the actual temperature higher or equal to the high temperature alarm temperature, buzzer sound, and display the corresponding fault code, please set the alarm temperature reasonably. When the 当实际温度≤低温报警温度,蜂鸣器响,同时显示相应的故障代码,请合理设置报警温度。 actual lemperature is less than or equal to the low temperature alarm temperature, the buzzer will sound and the corresponding fault code will be displayed. Please set the alarm temperature easonably. 5.4.3压缩机延时保护时间:

5.4.3 The compressor delay protection time:

第一次通电,若当前温度大于温度设定值+制冷灵敏度时,压缩机不会立即启动制冷, For the first power on, if the current temperature is more than the set temperature + refrigeration sensitivity, the compressor will not 需要运行设定的延时时间后才能启动。工作期间,压缩机两次启动之间的间隔时间要大于 start refrigeration immediately, and it can only start after the delay time set is operated. During the working period, the interval time 设定的延时启动时间后才能启动。 between two starts of the compressor should be greater than the set delay starting time before starting.

5.4.4温度校正:

5.4.4 Temperature correction:

当测量温度与标准温度有偏差时,使用此功能,可以将机器测量值与标准温度调整一致。 When there is a deviation between the measured temperature and the standard temperature, this function can be used to adjust the measured value 校正后的温度=校正前的温度+校正值。

of the machine in accordance with the standard temperature. Temperature after correction = temperature before correction + correction value.

5.4.5化霜功能:(冰箱控制才启用)

5.4.5 Defrosting function: (only start when the air conditioner is under control)

化霜周期: 化霜周期为两次化霜之间的间隔。

Defrosting cycle: defrosting cycle is the interval between defrosting and defrosting.

化霜时间: 化霜时间为化霜器实际工作的时间。

Defrosting time: defrosting time is the actual working time of defrosting device.

化霜截止温度: 化霜过程中, 如果蒸发器温度过高, 超过此功能设定值, 那么强制停止化霜。 Defrosting cut-off temperature: during defrosting, if the evaporator temperature is too high and exceeds the set value of this function, the defrosting shall be stopped forcibly.

5.4.6非正常工作模式:

5.4.6 Abnormal working mode:

当库温探头短路或者库温探头开路此时进入定时控温模式,压缩机按照停止 15 分钟 When the storage temperature probe shortens or the storage temperature probe opens, the compressor will enter the timing temperature control 运行30分钟的间歇方式工作。间隔时间设置为0,就表示取消此功能。

mode, and the compressor will stop for 15 minutes and run in 30 minutes intervals. Setting the interval time to 0 will disables this feature.

5.4.7关机功能 5.4.7 Shutdown function

关机后,控制器关闭所有功能,再次上电都保持关机状态 After shutdown, the controller will turn off all functions and keep the shutdown state when power on again

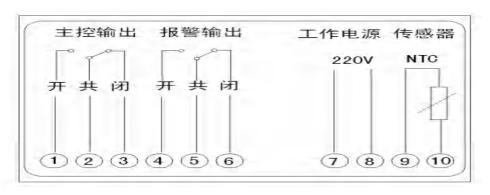
5.5故障分析与排除:

5.5 Failure analysis and troubleshooting

故华玩争. Fallums	故障原因 Fallura re usen	排除方法
L电温超仪无显示 No display on the electric temperature	1、电风标符 1 power abnormity	1. Protein 1 check the power
controller	2、电源开关环 2 power switch is tool	2、更换电源开关 2 Chango the puwar switch
温控仪显示正常,但 The iomperature	1、电流电话版 7 Low power supply	1、京談刊に設置 1 Add volling slabilizing device
Concentration williaul 凡浩不运转 problems but the conditional out of	2、设置有问题 2 The salling is defective	2、正确设置 2 Correct sering
operation.	3、温度仅为中间组织设研。	3. 史外語受仪 wile fideling the temperature controller
吳首大 digit noise	1、与电器控制和固定不平存 1. fbroding/foodstreedsacalastrolog	1、固定丰富 - 1. Frontasion
	2. 电器控制箱强度不够 2. Eschi-schiologistary	2、增加强度 7. Increase the Intensity
	3. 风机间距 5 Fan unvolum	3. 列纳州和 3. Replace the fan
	4. 外埠板螺钉松	4. Strikeli 4 fighted the acrows
TE working when make cooking	2. 压机环 2 The press is brosen.	机,检查供电电压 check the lan, check the power supply voltage 2、更换压机 a Replace the press
制分效果不好 Pour refrigeralism Meco	1、环境温度太高 7. The imbernitemperature is too man	1、通风散热 i Ventaetum and heal trasspetion
	2、过滤网堵塞 2. The bitter a blocked	2、清理过滤网及风机 7 Clean the filter scream and for
	3、制冷剂批晶 3 Ratingerant beat ago	3、充注制冷剂(与厂家联系)
	4. 风机问题 4 Fan problem	Filing refrigerent confect the manufacturer. 4. 更换风机 4. Replace the lan
温度显示 "ED1" Tempagaura daplay ED1	温度传感器故障 Temperature Semon Findure	检验传感器情况,进行针对修复 Verify sensor condition for repeir
温度显示 "BD2 Temperature deploy Est2	高温报警 rightemperature alarm	查明高温超限原因,进行针对解决 Find all the Last of the burnership and a lost
	低温报警	查明低温超限原因,进行针对解决

5.6电器原理图

5.6 Electrical schematic diagram



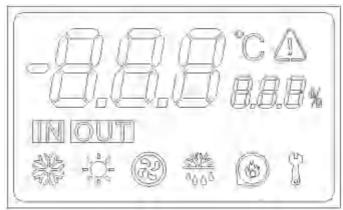
注:本电路图为参考文件,更改内容恕不另行通知! Note: this circuit diagram is for reference only and subject to change without prior notice.

6.液晶面板温控设置与操作

6. Liquid crystal temperature control setting and operation

6.1显示屏

6.1 Display screen



液晶控制器操作面板实物图



6.2 操作说明

6.2 Operating instructions

6.2.1 开机自检

6.2.1 Power-on Self-test

上电时LCD全显2S后闪动显示温度控制板的版本号(0.01)2秒钟。
The version number (0.01) of the temperature control panel will be displayed 2 seconds after the LCD fully displays 2S.Enter the 进入温度探头检查, LCD显示依次内探头外探头的温度,然后内风机,temperature probe for inspection, and the LCD will display the temperature of the inner probe and the outer probe in turn, then 排氢风机,制冷,加热的自检。

the internal fan, the hydrogen exhaust fan, the self-test of refrigeration and heating.

序号	内容	显示图标	持续时间	备注
No	Content	lcon displayed	Continue time	Remarks
1	显示版本号 Display the version No.	1.03	2S	
2	内温度探头 The inner temperature probe	+温度 +temperature	5S	故障显示错误代码,60S The fault displayerror code will 后进入下个项目 enter the next item after 60S
3	外温度探头 The outter temperature probe	+温度 +temperature	5S	故障显示错误代码,60S Thefaultdisplayerrorcodewill 后进入下个项目 enterthe nextitemafter 60S
4	内风机 The inner fan	+ 1-F	15S	
5	应急风机 The emergency fan	+ 2-F	15S	
6	加热 heating	+ HEA	30S	
7	制冷 Cooling	+ COL	60S	

6.2.2 显示说明

6.2.2 The display declaration

序 号No.	图标 Icon	功能 Function	功能说明 Function description
1	*	制冷运行 Making cooling	1:闪烁表示等待制冷 1: flashing means waiting for refrigeration 2:长亮表示正在制冷 2: long time shine means cooling
2	-	制热运行 Making heating	1: 闪烁表示等待制热 1: flashing means waiting for heating 2: 长亮表示正在制热 2: long time shine means heating
3	@	应急风机 Emergency fan	表示应急风机是否运行 Means whether the emergency fan is running
4	<u>280</u> № 0000	除湿运行 Making dehumidify	表示除湿是否运行 Means whether the dehumidify is running
5	8	化霜图标 defrosting	表示空调在化霜 Means the air conditioner is make defrosting

6		设置 setting	1: 长亮表示是否进设置页面 1: long light indicates whether to enter the setting page 2: D/妖表示在模拟温度状态 2: flashing indicates the simulated temperature state
7	<u> </u>	报警动作 Alarm	表示空调是否出现告警 Means whether the air conditioner display alarm
8	-888	温度显示 Temperature display	表示温度数值 Means the temperature data
9	888	湿度显示/设置 humidity display/ 代码/错误代码 set icon/error icon	表示湿度数值或错误代码或设置代码 Indicates humidity data or error code or setting code
10	OUSS	内部 inner	与其他图标合用表示柜内的某某单元 Use with other ICONS to represent units within the cabinet.
11	479	外部 outter	与其他图标合用表示柜外的某某单元 Use with other ICONS to represent units outside the cabinet
12	樂	制冷除湿 Refrigeration dehumidification	表示空调进入制冷除湿 Indicates that the air conditioner go to make refrigeration dehumidifier
13		加热除湿 Heating dehumidify	表示空调进入加热除湿 Means the air conditioner move to heating and dehumidify
14	* *	等待制冷除湿 Waiting for cooling and dehumidify	蓝色表示闪烁 Blue means flashing
15	0 #	等待加热除湿 Waiting for heating and dehumidify	蓝色表示闪烁 Blue means flashing
16	<u> </u>	制冷除湿延时 Refrigeration dehumidification delayed	蓝色表示闪烁 Blue means flashing
17	<u>382</u> 0000	加热除湿延时 Heating dehumidification delayed	蓝色表示闪烁 Blue means flashing
18	PPP	紧急关机 Emergency shutdown	表示空调进入紧急停止状态 Means the air conditioner went into a state of emergency shutdown.

6.2.3开关机

6.2.3 Start up and Shut down

按退出键(4键)开机,长按退出键(4键)5秒以上关机。关机画面如下。Pressthe exitkey (the 4 key) formore than 5 seconds to shut down. The shut down screen is as follows.



6.3用户参数设定

6.3 User parameter setting

用户参数设置

User parameter setting

COOE	NAME NAME	DATA	TOTAL LIMITE	CHENER	DEFA ULT	MEANING.
100	神見用から数 Restore user perumeters	0-1	-		-0-	発電力 L 開集起所有用产多數设置 State to custom alluser parameter Settings
FDI	压机产品。 Press stop temperature	15~50	C	1	20	对序运行件让所造度点 the lamperature at which a refriger tion operation stop
1/02	任机是教授 Francismultivity	1-26	τ	4	£ .	
1000	加格特計設度 Hisaning again and a resperature	-90/~-F.1	c	1	30	加热伊止盐度点 Trielemperature allement the healing stop
FOIL	(n.抗 延續度 Heating semulayily	1-20	C	1	5	
FD5	和月馬雷芒等并及 high temperature starm temperature in the publish	70~ 70	-t.	1	50	49月1月至于这大下高江发定点进行
106	長内低計為要集的 Linw temperature alarm temperature in the coloner	-41-25	ţ.	Ţ	0	是四十八年子及八千世二世次四十十 1
1-07	海皮说定 Set the flurridity	1099	5301	1	60	非混使电视复为情况。此及更无效 Delicinsdjirreton enable je disabled Progressing as revoluti.
108	市内有限資金製用 thigh huminity alarm in the cabinet	60~100	481	1.0	90	投資空間和時間選擇資格 こ the righ - ring - sampur in the afrom dilling to a bine!
FUU	标片证明估明制度 Luw humiday atann in the capinet	-10=50	1989	-1-	26.	位置空間相内低値を推算点 Selfings - distribution
FILL	在技术机工作技术 Emergency fair speraling made	U~2			-2:	0-美丽。1-长丹。2-2时 0-shuldowo, 1-lasting open, 2-tmon
TI t-	interval firm between one delivery time	1-04	त्रसम		24	
FIE	(日本代代日刊(II) Openiion line of emergency sin	1~60	分析		5	
Fla	梅抵视度点 Simulated temporature point	‡0 ~-60.	J.	4	0.	用于证据,可能应证从证明。不证置为 6、用证的证据的证据。
Fin	PEARS postal address)-287			i	多在交流经网对使用
PLS	AHF ROAL ABS Bland nake	9600/19 200/384	hine		HH00	Måf isa didijale it Gnorse ABS traffic rale
1/16	185 可慎权但 485 odd-eyen them	thigh			-5-	u 为主权的 1 为市权的 2 为得权的 Deman no chives 1 maan notili chica. Timean even chica

注意: 短使机组可靠运行, 发挥最大能效, 请用户不要随意更改空调设置。 Attention In order formatic the unit run phobby and maximize energy efficiency, please do not change the att-conditioning auditory at will.

6.4应急通风运行 e.4 Emergency ventilation operation

当控制器损坏时,或室内温度达到告警温度时,将强制启动应急风崩。 When to a transport of the control of the contro 交流掉电、压机故障、高温报警时,柜内温度探头失效应急风扇开启。 Un companied lainter and region importation also makes and the management of model to industrial and when the interpretable patholical production in a product in the companies and the companies a

6.5控制板告警及复位

5.5 Alarm and reset of the control panel

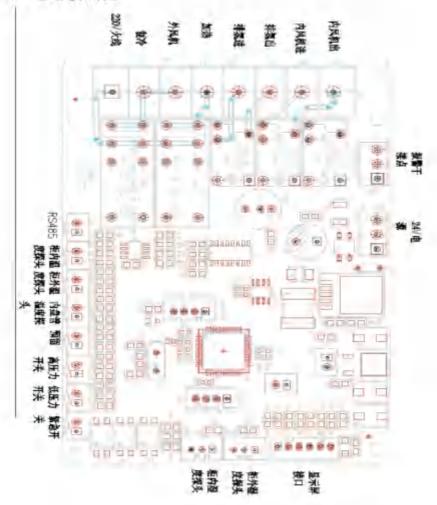
TERM.	- 65/M/ Intel®	MV 9-11	[4:10:04 [0]	STARTING.	1535 7MERUS	复位操作	45 指向 相高 由作
EDI	斯内加度 原火政時	anylime	0 FF 0.5	5 ## 55	— IIQ general	DZI OTUA	A. arm
1:02	町内高級 hashantanaa 砂器	Mint way live	0 ## 0 %	2.65 25	— ID ganoral	IT FILL	共和 、
EOG	海内代码 bowlengers broken	ing anytime	0.1d 1.5	25 M	हर general	自司 OTUA	处于,但内部度等了或小于自 品设定建度可报答。而在内部 成人工机器推图内,5 生故等 目的复数
EM:	IE 9-24/10 IN J. M.Ph. The colored bears of process	ild for anytime.	0.00 0.5	5 Ell 55	-#I	ÉNI AUTO	登事・発性値度が移列的。 電影は、影響には過程では 一7。変
En5	打外高級 High temperature 计算 phorner durb the	能可 anylime	0 15 0 s	Sec. 24	ueneral	自成 AUTO	機関、相向機関等了成大子。 では、相談を持ちません。 はでは、現代計畫、「おりま」 では、または、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、は、
1:06	是外征温 分野 Marriago de Res	随的) anylime	0 M 0 S	2 D 25	general	D 8) AUTO	23、柜内包度等于成小子也 基度定是使时报警,当地内。 度大子他出报开点 5.是依何 自动复位
E07	海内型度 维生胺降	Shirt anytime	0. 00	5 69 55	—XV yaneral	自构 AUTO	没 客
EB	斯内底煤 Post for sale 存款 sales of sales	Luf anylima	0 K5	2 M 25	一股 general	印刷 AUTO	思考。相次是反應下或人下。 程度定进度制推器,当前內海 原介于其基礎器人。可以應向 动物是一种可以可以可以可以可以 可以可以可以可以可以可以可以可以可以可以可以可以可以可以
29	15 pt to 25 Contractly sur-	anythra Mel	0 th 10 5	2 較 28	—ijų general	BW, AUTO	注意,他的原理等于成大力。 度设定的使时报等。当所内 度为于或是报查产品或所归 均度性

E10	柜外湿度 hunkflycutside the 採头故障 cateret hiured prote	施时 mytime	0 B 0 S	5 85 68	—-(R) general	自动 AUTO	报警-Alarm
E(1)	付外通行告 High humany alarm 等 pulsedo the calbinor	Wi#7 inylime	0 M 0.5	2 H)	— NV ganera	自动 AUTO	报警。柜外温度等于成大于高温Aam when the hundity outside the calainst 使定证度时报警。当柜外指度小ceulal for peater fan the high hundity se dann will be adom will be adom an ally reset when he numbly outside the calainst in less than 5% of the high hundity start when the numbly outside the calainst in less than 5% of the high hundity start point.
Pig	記 外化さ 告 Lowbandity dam 変 oxforte makest	随时 artylime	0.15 0.5	2 M 25	- Mo	변화 AUTO	報警、柜外温度等于或大于高温 Alum when the humbly in table the capable 设定使用时报警。当柜外是在小 equal to economic transfer but the popular 了高海报警占与L故障自动复位 Turnerly, the attern will be submittably reserved when the humbly analyte the capital slass than time alarm point of high humble by +5%.
nţa	压缩机高压 Compressor high pressure	例时 anytime	0 KS w.	2 秒 28	j™ III Serknus	自刻 AUTO	Biopherong (Period) country brings (Bendamberta) after using side authorized to 在原始,所有自动复位 3 次,小时后锁定,第四次需要新电复。不是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个
EIG	医常机纸压 Compressor low pressure	压缩机升启 Cumpress open	120 秒 1205	10 秒 10S	jgg generar	自动 AUTO	停压缩机。底压自动复位 3 次 小时后甄定,第四次需要新电复 位,断电复位后重新计算次数
ELō	制冷含物 Cooling alsum	开启电加热 (there are impressione 后 如果特 姓 harge with the calcula- tion of the part of the all 更多化来超 starting electric heating 过 2°C以上州 More than 2°C 以为是电加热 considered to be 战药。 electrome and thurs	30 分钟 30 min	1 26	→ Att granerar	手动 Manual	·报答,不动作 Alastin, shachash
El6	间标言型 riesong alern	非信用:婚机 Aler Me Compressor 8 后。加里特 競 Sand, Peterspendure 10 分钟性の8 mil 温度変化未超 Change (Harts for 30 月 2 C M M 力 Mississifice than 2 - 是削冷故障 a consideranta entrgermion fourse	30 分钟 30 min	276	- 報 (Selveral	手动 Manual	推察,不动作 Alarm fraction

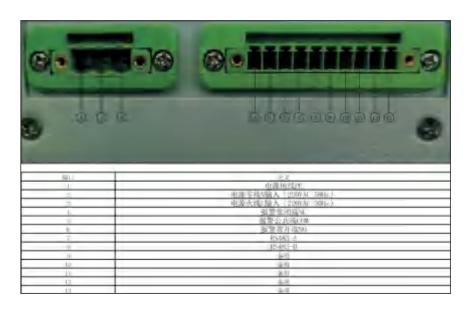
E17.	通信故障 communication failure	随时 anytime	0 fb 0 S	20 fb 205	一般 general	于动 Manual	无 N
E18	内保管温度 Failure of internal 。经验部路ature prote	随时 anytime	0 M	5 秒 5 S	一般 general	自动 AUTO	报警
E19	内盘管低温告警 Low temperature alarm of inner coil	低于 0 度報警。 courthand depote allow, 大于 0 度清报警 greater than 0 degree a learn allows	0 (b)	5秒 55	一般 general	自动 AUTO	报警 Alarm

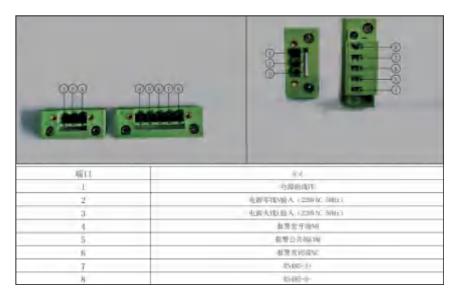
如果发生多个故障时,可按"LP"或"DOWN"健进行切换查看-In case of multiple failures, press the "UP" or "DOWN" key to switch the view. 当要手动清除故障时,按下ESC键或清除故障。 To cleur the fault manually, press the ESC key to clear the fault.

6.6电路接线图



6.7 电气接线示意图



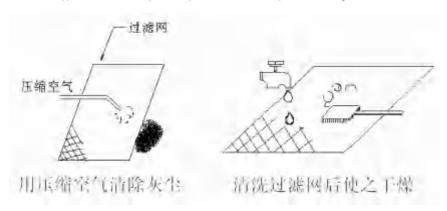


7、维护与保养

7. Maintenance and repair

- 「⚠危险〕务必在通风良好的环境下操作:
- Dangerous Be sure to operate in a well-ventilated environment.
- [16] 空调器所接电源必须正确。
- Dangerous The power supply to the air conditioner must be correct.
- 「⚠危险〕作业时务必切断电源,并在断电五分钟后操作;
- Dangerous] Be sure to cut off the power supply during the operation, and operate five minutes after the power is cut off;
- [▲注意]每周清扫冷凝器过滤网,检查冷凝器是否被污物堵塞,
- Note Clean the condenser filter every week, check whether the condenser is blocked by

如果堵塞请将冷凝器过滤网取下,脏面朝下轻轻摔打。dirt, if blocked please remove the condenser filter, dirty face down gently beat. Or blow in 或是用压缩空气反方向吹(用水和毛刷清理),如图: the opposite direction with compressed air (clean with water and brush), as shown in the figure:



- [本注意]使用中性洗涤剂擦拭产品表面;
- Note Use a neutral detergent to clean the surface of the product.
- [本注意]报警停机后,禁止在不排除故障的情况下重新启动。
- Note After the alarm stops, it is forbidden to restart without troubleshooting.
- [[]注意]运行时,严禁将导电物体插入或导电粉尘撒入设备内,
- [本 Note] During operation, it is strictly prohibited to insert conductive objects or scatter conductive dust into the equipment, 否则有触电及短路的危险!
- 「▲注意〕注意外接排水管不得弯、折,以免排水不畅,导致水
- Note] Pay attention to the external drain pipe shall not be bent or folded, so as to avoid poor drainage and 流入电器控制箱内,将造成严重后果。
 water flowing into the electrical control box, which will cause serious consequences.