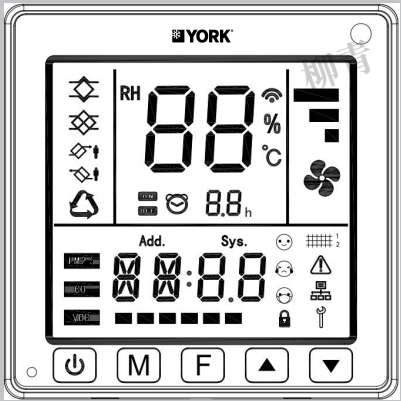


有线遥控器
型号：JPC-P1KQN

使用说明书



为了保证正确使用本遥控器，请在使用前仔细阅读本说明书，阅读后请妥善保管。若有不明之处，请与经销商或本公司服务中心联系。



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序言

使用前

●请勿将本品安装在下列场所，在下列场所遥控器按键易发生故障。

- 油沫（含机械油）飞溅，蒸汽多的场所；
- 温泉地等硫化气体较多的场所；
- 可能产生或流入可燃性气体的场所；
- 沿海地带等含盐量较高的场所；
- 酸性或碱性的环境。

●在使用医疗器械等产生电磁波的设备时，为防止遥控器发生误动作，不要将遥控器直接面对电磁波的发射面安装。

另外，为防止空气中传播的电磁波对空调机组产生影响，请将能产生电磁波的器械，无线电发射装置等放置在距遥控器3m以外的地方。

符号的意思

 **警告**：表示误操作，可能导致重伤或死亡。

 **注意事项**：表示警告・注意以外的注意事项。

：表示禁止事项。

 **捷径**：帮助您更容易操作。

：表示强制事项。表示指导非特定的一般使用者的行动。

：表示参考页。

安全须知

●请在仔细阅读本『安全须知』后，正确使用本产品。

重后果。列举的是与安全有关的重要事项，请务必遵守！

●这里表示的注意事项用「**△警告**」予以区分。「**△警告**」栏中列举了可能因误操作而导致严

●阅读之后请将本说明书妥善保存，以便随时参考。

安装・电气施工

警告

●请委托经销商或专业安装人员进行安装。
若自行安装不善，可能会发生漏水、触电、火灾以及机组坠落等伤人事故。

●电气施工者须获得施工资格。请委托有资格的经销商进行施工。
若自行安装不善，可能会发生触电、火灾等事故。

安全须知

运转中



- 请不要用潮湿的手操作遥控器按键。
可能会导致触电事故。



- 安全装置不断启动或运转键动作异常时，请立即关闭主电源。
因有漏电或电流过大的可能性，可能会导致触电、火灾及爆炸等事故。
请与经销商或本公司指定的服务中心联系。



- 发生异常时（焦味等），请立即停止运转，切断主电源。
在异常状态下运转可能导致故障，触电及火灾等事故。
请与经销商或本公司指定的服务中心联系。



使用前

维修·迁移



- 维修机组时，请与经销商或本公司指定的服务中心联系。
维修或安装不善，可能会导致触电，火灾等事故。

- 维修或迁移遥控器时，请与经销商或本公司指定的服务中心联系。
维修或安装不善，可能会导致触电，火灾等事故。

其他警告及注意事项



- 保养时，请勿让水进入内部。
电气零件遇水，可能会导致触电事故。

- 请勿私自对电气配线进行改造。
可能会导致重大事故。

- 遥控器按键操作后，3分钟以内请不要切断电源。
可能会引起误操作。

安装说明

安 装



警告

- 请严格按照说明书进行安装。请将控制器安装在能够充分承受其重量的地方。
若强度不足或安装不完全，有可能会因控制器坠落而发生事故。
- 请勿将本品安装在可能产生、流入可燃性气体或液体的场所，否则会触电或导致火灾事故。

使用
前

电气施工



警告

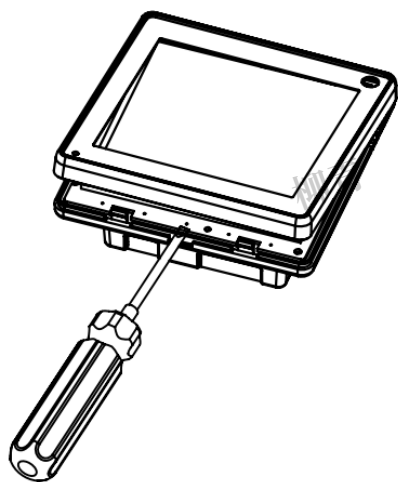
- 电气安装方需获得施工资格。请委托有资格的安装商进行。
一旦安装存在问题，会发生触电事故。
- 电气安装时请按相应国家标准及说明书进行，请一定使用专用电路。
若电源容量不足或施工不善，会发生触电、火灾等事故。
- 请一定使用规定的电线，若选错电线可能会发生火灾或触电事故。
- 因电气配线作业等需要打开全热交换器或新风净化机的维修盖时，请先完全切断电源后进行，
否则可能会发生触电事故。

安装说明

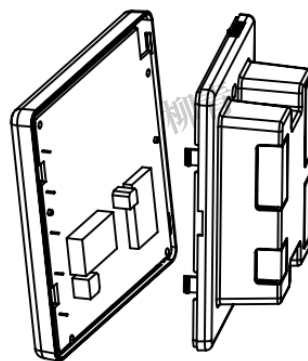
1 . 安 装 施 工

请在施工前确认安装包内应有以下部品：

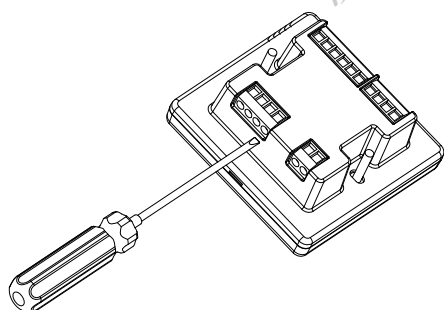
控制器×1 安装螺钉（M4×25mm）×2 说明书×1



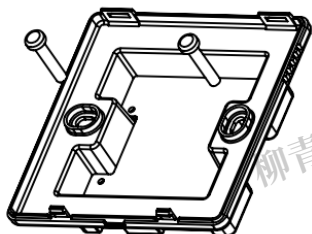
1. 拆开主控板：用3.5mm宽的一字改锥沿斜面伸到卡槽中4mm深处，略用力向上撬起，即可打开卡钩。



2. 取后壳及电源。



3. 按“配线连接要领”进行接线。



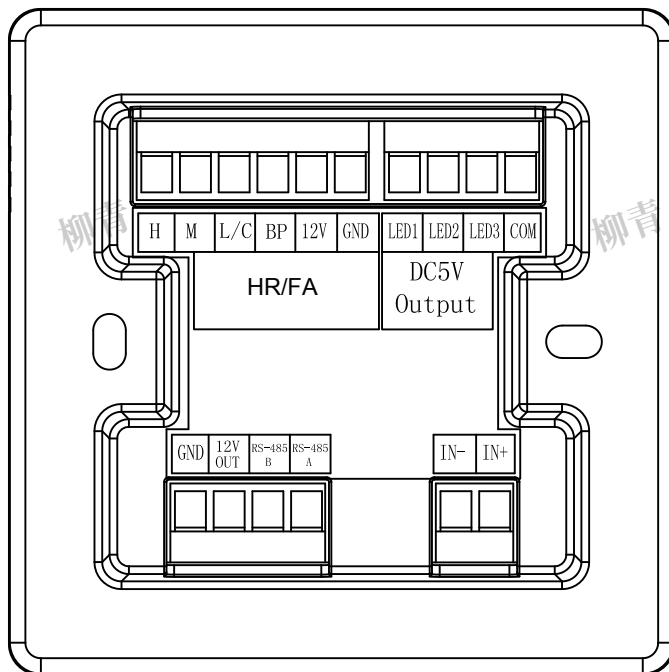
4. 用包装盒中的两个螺钉将接好线的控制器底板固定在墙上的接线盒上。
可使用的暗盒规格：86型。



5. 成30度角挂上控制器上方的两个挂钩，稍用力按控制器下面的两角处，卡住上壳，安装完毕。

2 . 配线连接要领

注：配线作业时，务必把电源切断，否则容易引发触电事故。



控制器接线如下表所示：

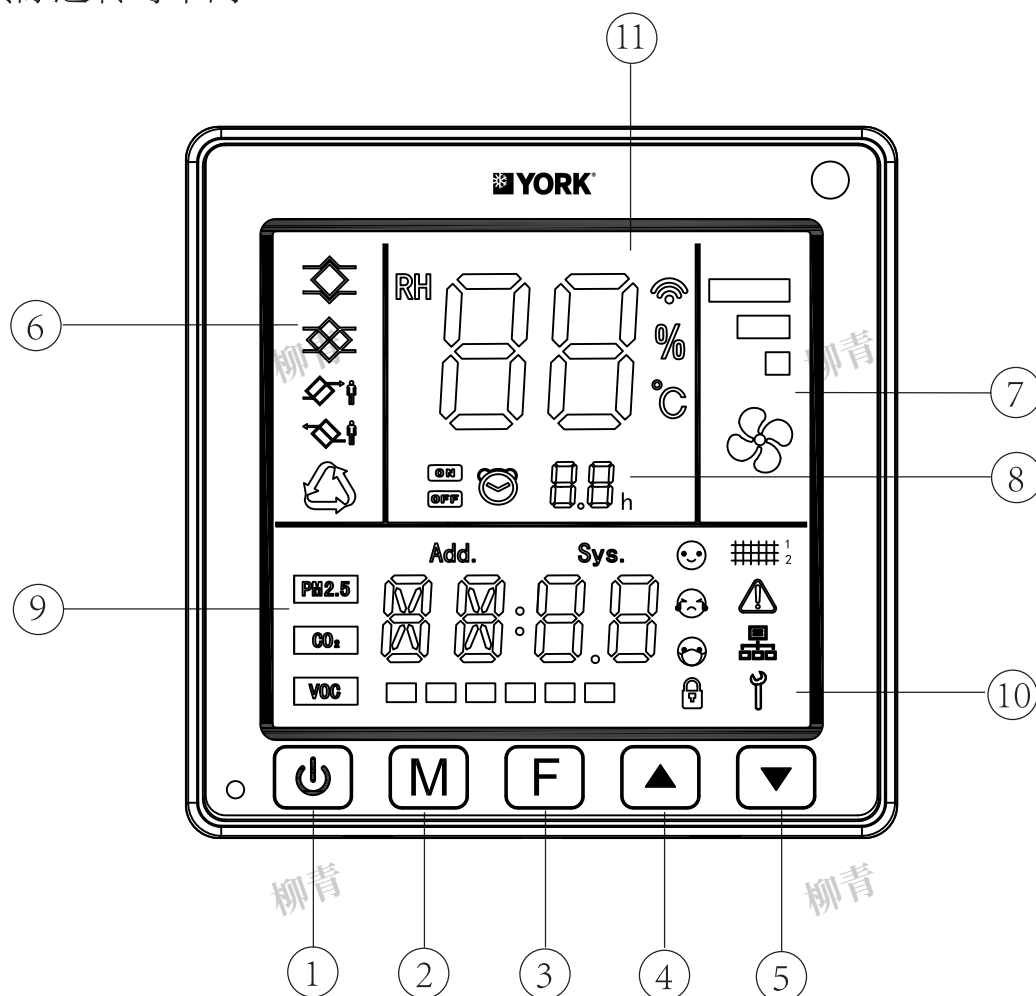
项目名称	线控器端子	连接对象	端子输入输出
连接 全热/新风	H	电气盒	弱电输出
	M		弱电输出
	L/C		弱电输出
	BP		弱电输出
	12V		电源输入
	GND		电源输入
—	GND	485通讯设备	共地
	12V		弱电输出
	RS-485 B		弱电输出
	RS-485 A		弱电输出
联动	IN-	外部输入	开关量输入
	IN+		开关量输入

说明：

1. 需接入集中控制系统时，将485通讯设备的对应端子与线控器相连接。
2. 需连接空气盒子时，将空气盒子的485通讯端子与线控器相连接。
3. 若配线与控制器连接部分出现缝隙，请用乙烯基绝缘胶带封住。
否则水滴、虫子进入控制器盒内，可能引起故障。

各部分名称

为了进行下面的说明，列举了所有的显示。
与实际运转时不同。

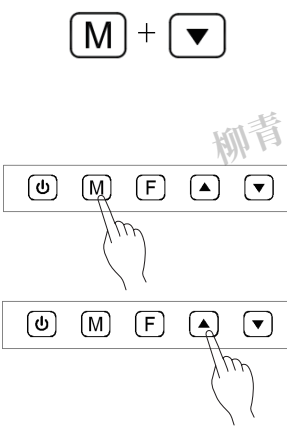
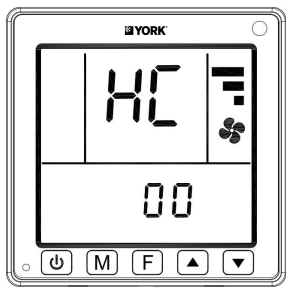


序号	描述
①	开关键
②	模式键
③	功能键
④	向上键
⑤	向下键
⑥	模式显示：显示模式设定状态。
⑦	风量显示：显示风量设定状态。
⑧	定时时间：显示定时开关的倒计时。
⑨	空气质量显示（需连接空气盒子）。
⑩	附加功能区
⑪	温度显示：显示当前室内温度。

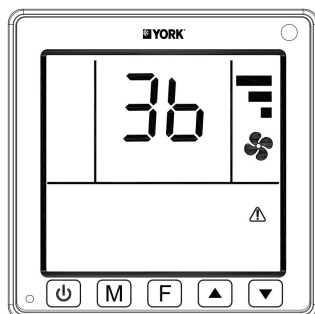
机型设定

功能和动作

根据有线遥控器所连全热交换器型号，设置机型代码HC。

机型 设定	● 停止状态下，[M]和[▼]按下3秒，进入机型设定状态，显示右侧画面。 ● 按[M]键，切换设置HC的高位和低位。按[▲]或[▼]选择具体数值。 ● 设定完成后，按下[M]和[▼]3秒，返回通常模式。		
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注：如未设置机型代码，则会显示3b报警。



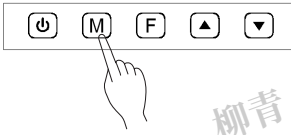
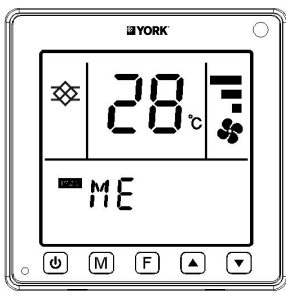
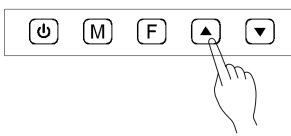
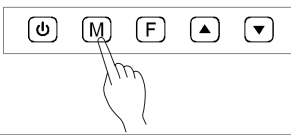
※请根据所连接全热交换器型号，准确设置机型代码。

机型	功能	机种HC设定值
YDTH015H0NBGQF~YDTH050H0NBGQF	三档风速，旁通、全热	33
	两档风速，旁通、全热、内循环	27
YDTH065H0NAGQF~YDTH100H0NAGQF	三档风速，全热	32
YDTH150H0NEGQF~YDTH500H0NEGQF	一档风速，全热	12
YDTH065H0NAGQ~YDTH125H0NAGQ	两档风速，仅全热模式	22
YDTH150H0NEGQ~YDTH500H0NEGQ	一档风速，仅全热模式	12
YDTH015H0NAGQF~YDTH050H0NAGQF	两档风速，旁通、全热、内循环、自动	2F
YDTH020H0NAGQ~YDTH050H0NAGQ	两档风速，旁通、全热	23

滤网清洗更换周期设置

功能和动作

根据室外空气的PM2.5浓度等级，自动进行滤网清洗更换周期的设置。

滤网清洗	在通常模式中（关机状态）按 [M] 键持续3秒以上。显示右侧画面。		
更换周期	按 [▲] 或 [▼] 键（可持续按）设定当地的室外PM2.5浓度等级： Hi（高），清洗更换周期短 Me（中），清洗更换周期正常 Lo（低），清洗更换周期长		
	设定完成后，按下 [M] 键3秒，返回通常模式。		

● PM2.5浓度等级与滤网清洗更换周期对照表

※当地PM2.5平均浓度 ug/m ³	推荐设置的PM2.5浓度等级	中效滤网清洗周期	高效滤网清洗周期	热交换芯体清洗周期
>100	Hi（高）	20天	60天	60天
>75且≤100	ME（中）	40天	120天	120天
≤75	Lo（低）	80天	240天	240天

※当地PM2.5平均浓度请以当地政府发布的数据为准。

注：上表的时间以每天运行24小时计算。

机能选择设置

● 机能选择设置

机能
选择

- 在通常模式中（关机状态）按 **[F]** + **[▲]** 键持续3秒以上，进入机能选择模式。
- 按 **[▲]** 或 **[▼]** 键（可持续按），进行机能选择设定。
- 按 **[M]** 键（可持续按）进行各项参数设定。
- 设定完成后，按 **[F]** + **[▲]** 键持续3秒以上，返回通常模式。

[F] + **[▲]**

[⏻] **[M]** **[F]** **[▲]** **[▼]**

[⏻] **[M]** **[F]** **[▲]** **[▼]**

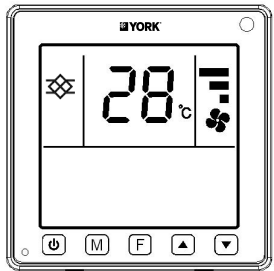
[F] + **[▲]**

● 机能选择设置项目和各项参数设定

No	项目	选项名称	设定的含义
1	d1	来电开机	00——无效（默认） 01——有效
2	d3	来电恢复停电前状态	00——无效（默认） 01——有效
3	U1	中效滤网清洗周期	100——100小时 200——200小时 ⋮ 1000——1000小时（默认） ⋮ 5000——5000小时
4	U2	高效滤网清洗周期	2000——2000小时 2100——2100小时 ⋮ 3000——3000小时（默认） ⋮ 9900——9900小时
5	U3	全热交换器热交换芯体清洗周期	1000——1000小时 1200——1200小时 ⋮ 3000——3000小时（默认） ⋮ 8000——8000小时
6	U4	机能选择滤网清洗周期有效无效	00——无效（默认） 01——有效
7	U5	滤网清洗提示时背光闪烁	00——不闪烁（默认） 01——闪烁
8	U6	背光延时熄灭时间	0——背光不亮 5——5s熄灭（默认） 10——10s熄灭 30——30s熄灭
9	U7	PM2.5, CO ₂ , VOC显示	00——不显示 01——显示（默认）
10	U8	连接485转换器 PT-4H1Q4	00——无效（默认） 01——有效
11	U9	连接空气盒子的型号	00——无效（默认） 01——PM2.5型 02——CO ₂ &VOC型 03——同时接入两种空气盒子

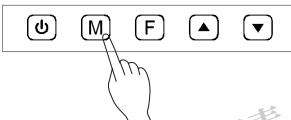
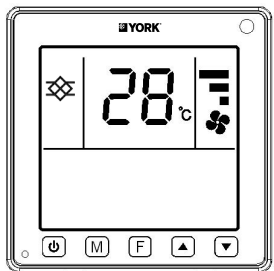
- 机能选择设定项显示「—」，则认为不能更改设定。

风量设定

1	按  或  键，调节风量。		
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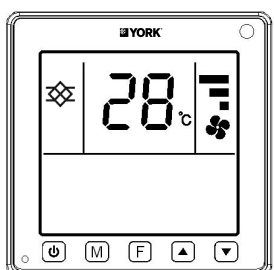
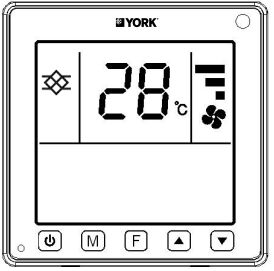
- 开机或关机状态下，均可调节风量。在开机状态下，可开启风机；在关机状态下，不可开启风机。
- 按  或  键后，2秒后实现风量切换。

模式设定

1	按  键，调节模式。		
---	---	--	--

- 开机或关机状态下，均可调节模式。

运转方法

运转	停止中 按  键。 开始运转。		
停止	运转中 按  键。 停止运转。		

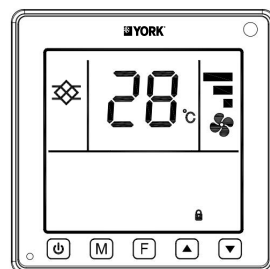
锁定操作

运转和动作

- 把控制器按键的设定操作变为无效操作的功能。
- 在通常模式下，可设定为无效操作。

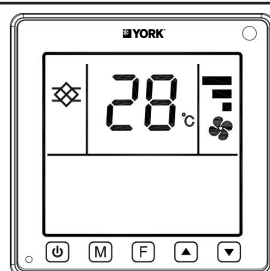
1 同时按 **M** + **▲** + **▼** 键，持续3秒， 闪烁，表示锁定操作已生效。再按任何键，均不起作用， 闪烁。

M + **▲** + **▼**



2  显示的时候，同时按 **M** + **▲** + **▼** 键，持续3秒， 消失，表示锁定操作已解除。

M + **▲** + **▼**



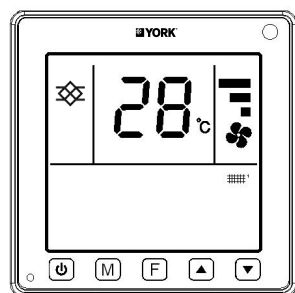
滤网清洗更换提示

功能和动作

在通常模式下，₁ 闪烁时，表示滤网需要清洗或更换。

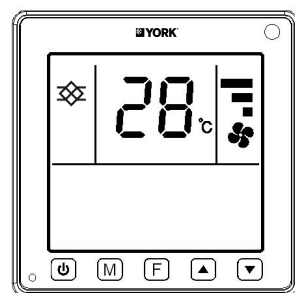
1 滤网时间到达，
₁ 闪烁，中效滤网需清洗或更换。
₂ 闪烁，高效滤网需更换。
 闪烁，热交换芯体需清洗或更换(损坏或无法清洗时)。

⏻ **M** **F** **▲** **▼**



2 滤网清洗或更换完毕后，按下 **M** 键3秒，取消滤网提示。滤网清洗更换重新计时。

⏻ **M** **F** **▲** **▼**

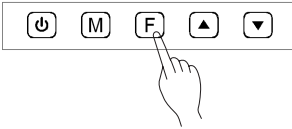
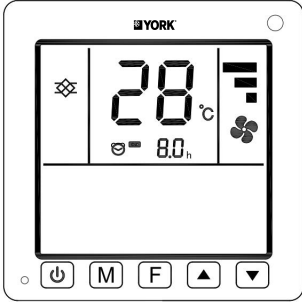
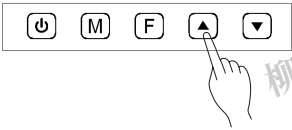
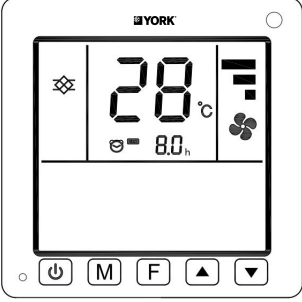


定时器设置

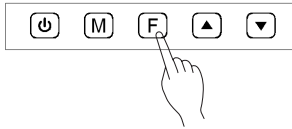
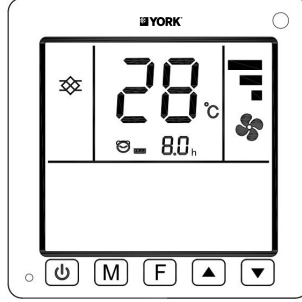
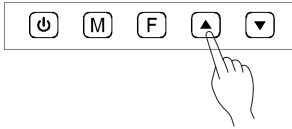
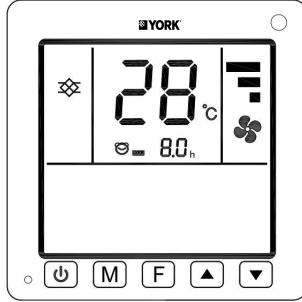
功能和动作

- 在希望的时间开始、停止运行的功能;
- 开机状态下只能设定定时关机, 定时关机显示字符OFF;
- 关机状态下只能设定定时开机, 定时开机显示字符ON;

● 关机状态下

1	停止状态且没有设定开机定时器的状态下, 长按[F]键3秒切换到定时设定状态, ⌚图标点亮, 定时时间闪烁显示。		
2	按▲键, 每按一次, 定时时间增加0.5小时。 按▼键, 每按一次, 定时时间减少0.5小时。 再次按[F]键, 完成定时设定。		

● 开机状态下

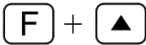
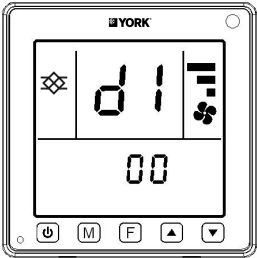
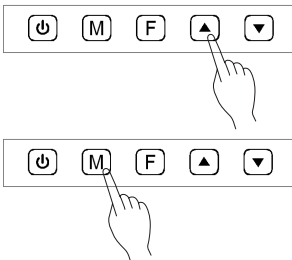
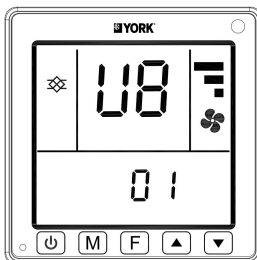
1	运转状态且没有设定关机定时器的状态下, 长按[F]键3秒切换到定时设定状态, ⌚图标点亮, 定时时间闪烁显示。		
2	按▲键, 每按一次, 定时时间增加0.5小时。 按▼键, 每按一次, 定时时间减少0.5小时。 再次按[F]键, 完成定时设定。		

- 定时时间范围为0.5小时到72小时。

集控设置

功能和动作

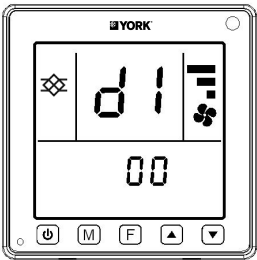
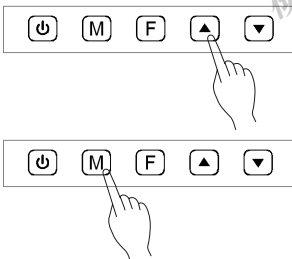
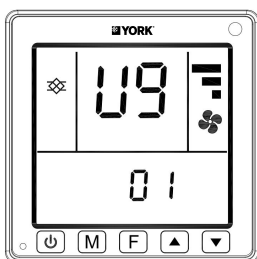
- 将控制器通过485通讯设备接入集中控制系统。

1	在通常模式中（关机状态）按[F]+[▲]键持续3秒以上，进入机能选择模式。		
2	设置机能选择U8为01，完成后退出机能选择模式。		

连接空气盒子设置

功能和动作

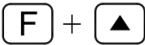
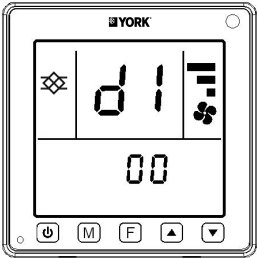
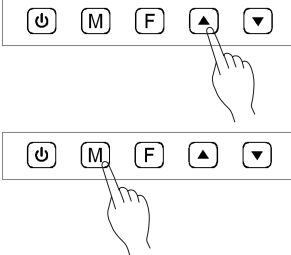
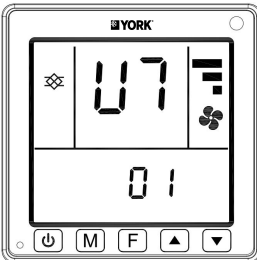
- 将控制器与空气盒子连接，实时检测空气质量。

1	在通常模式中（关机状态）按[F]+[▲]键持续3秒以上，进入机能选择模式。		
2	根据所连空气盒子型号，设置机能选择U9。完成后退出机能选择模式。		

空气质量显示

功能和动作

- 读取空气盒子检测数据，显示当前环境空气质量。

1	在通常模式中（关机状态）按[F]+[▲]键持续3秒以上，进入机能选择模式。		
2	根据需要设置U7： 01——显示空气质量。 00——不显示空气质量。		

- 笑脸表示当前PM2.5浓度等级。

当前环境PM2.5浓度(μg/m³)	笑脸图标显示
≤100	
>100且≤150	
>150	

- VOC显示等级说明。

	正常		超标		严重超标	
VOC等级	1	2	3	4	5	6

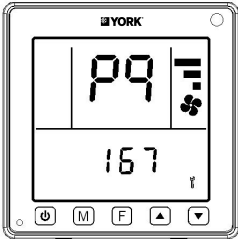
功能和动作

- 通过点检可以查看新风设备的运行情况。

1

通常状态下，按下 **M**+**F** 3秒，进入点检模式。 图标点亮。按 **▲** 或 **▼** 键，切换点检项目。再次按下 **M**+**F** 3秒，退出点检。

M + **F**



- 点检项目

序号	数据名称	显示项目	显示值
1	软件版本号	Pq	固定值
2	中效滤网 距离清洗的时间	T1	距离清洗的时间=（清洗周期-运行累积时间） 单位：小时（单位不显示）
3	高效滤网 距离清洗的时间	T2	
4	热交换芯体 距离清洗的时间	T3	

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青岛江森自控空调有限公司

地址：山东省青岛市黄岛区团结路18号

邮编：266510

客户服务热线：400-620-6607

电子邮件：ykcsc@chinayorkvrf.com

P01351Q 2021.08 V03

青岛江森自控空调保留变更产品设计恕不预先通知的权利。

**具体产品性能由双方在合同中约定，本手册仅供参考。

***感谢您使用约克产品，如果使用中有任何问题请在任何时间拨打我们的服务电话：400-620-6607

柳青

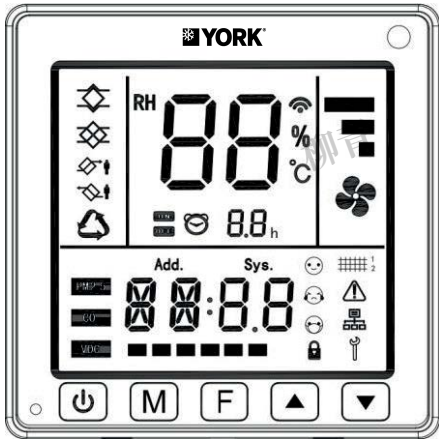
柳青

柳青

Wired Remote Controller
Model: JPC-P1KQN



User Manual



Read the manual carefully before using this wired remote controller. Keep the manual safely after reading. If you have any question, please contact the dealer or service center of YORK.

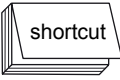
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Introduction

- Do not install the appliance in following places. If installed, the buttons of the wired remote controller may malfunction.
 - Places with high oil (including machinery oil) spray and steam content.
 - Places with high corrosive gas content such as sulfide from a hot spring
 - Places where inflammable gas generates or flows i
 - Places like coastal regions where the surrounding air has high salt concentration.
 - Places with high acidic or alkaline air.
- When installing the wired remote controller in hospital or other facilities where electromagnetic waves are generated, ensure the wired remote control does not malfunction due to interference caused by electromagnetic waves.

To avoid electromagnetic wave interference, install the wired remote controller at least 3m away from electromagnetic wave source.

Signal Words			
Before Use		WARNING :	Misuse may cause serious injury or death
		:	Prohibited
		:	Mandatory, general guidance, general user action.
			Caution : Caution, attention other than precautions
			shortcut : Enables easy operation.
			: Refer to

Safety Instructions

- Use the appliance after reading this manual carefully.
- Precautions are distinguished by  Warning. It lists the possible consequences of malfunction. Enumerates the important points related to safety. Ensure to follow them.
- Keep this manual safe after reading for future reference.

Installation-Electrical Work	
 W A R N I N G	Install the appliance only with the help of the dealer or installation personnel. If not installed properly, it may lead to leakage, electric shock, fire, and appliance failure
	Perform electrical wiring with the help of a qualified personnel. Contact authorized dealer for electrical wiring installation. Otherwise, it may lead to electric shock, fire, and so on

Safety Instructions

During Operation		Before Use
 W A R N I N G	Do not operate the appliance with wet hand, it may cause electric shock.	
	When the safety device starts frequently or acts abnormally, immediately turn off the main power supply. There is a possibility of electric leakage or high flow of current. It may cause electric shock, fire, explosion, and so on. Contact the dealer or service center designated by the company.	
	If there is any abnormality such as smoke or burning smell and so on, immediately stop the unit and turn off the main power supply. Operation of the appliance in any abnormal condition may lead to malfunction, electric shock, fires and so on. Please contact the dealer or service center designated by the company.	
Maintenance and Migration		
 W A R N I N G	When product maintenance work is required, contact the dealer or the service center designated by the company. Improper Installation or maintenance work may cause electric shock, fire, and so on	
	When maintenance or relocation of the wired remote controller is required, contact the dealer or the service center designated by the company. Improper Installation or maintenance work may cause electric shock, fire and so on	
Other Warnings and Cautions		
 W A R N I N G	Do not modify the electrical wiring without taking help from a certified personnel, it may cause serious accidents.	
	Do not cut off the power supply while operating the unit with the wired remote controller, it may lead to malfunction.	

Installation Notes

Installation		Before Use
	• Install the device in strict accordance with these instructions. Install the appliance on a surface strong enough to support the weight of appliance. The appliance may fall down if installed on a weak location or if not installed properly. • Do not install the device in a location prone to the presence of flammable gas or liquid. These gases if enters inside the controller, may cause electric shock or fire	

Electric Works	
	• Only a certified personnel should perform electrical wiring. Allow a qualified personnel to perform the electrical wiring installation. Improper installation may lead to electric shock. • Perform the electric wiring according to the local and national standards, and as specified in this manual. Make sure to use specified power supply. Insufficient power capacity may lead to electric shock, fire and so on • Ensure to use the specified wire. Improper wire selection may lead to electric shock, fire and so on. • Cut-off the power supply completely when opening the maintenance cover of full heat exchanger or the fresh air purifier for electrical wiring work. Otherwise, it may lead to electric shock.

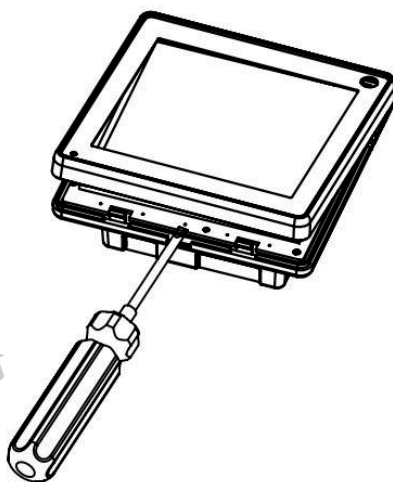
1. Installation

Ensure the availability of following parts in installation package before installation:

Controllerx1

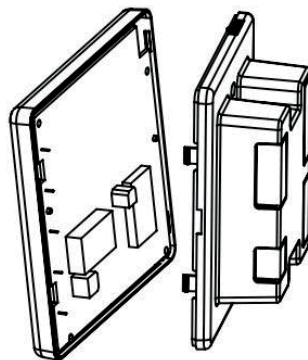
Screws (M4×25mm)x2

Manualx1

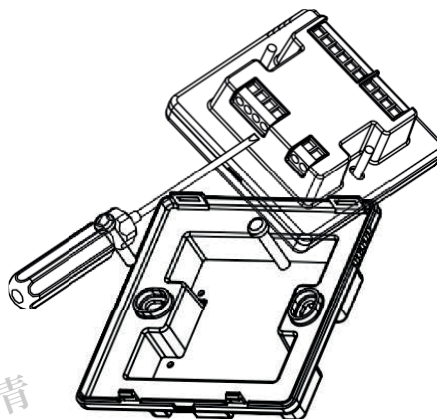


1. Open the main control board: Insert a 3.5mm wide straight screwdriver in the card slot to a depth of 4mm. Pry open with slight force and open the hook.

Installation Notes



2. Remove the rear cover and cut down the power supply.



3. Connect the wires as per details mentioned in Electrical Wiring section.
4. Use two screws available in the package to fix the rear panel of the controller to the wall. Available wire box specification is type86

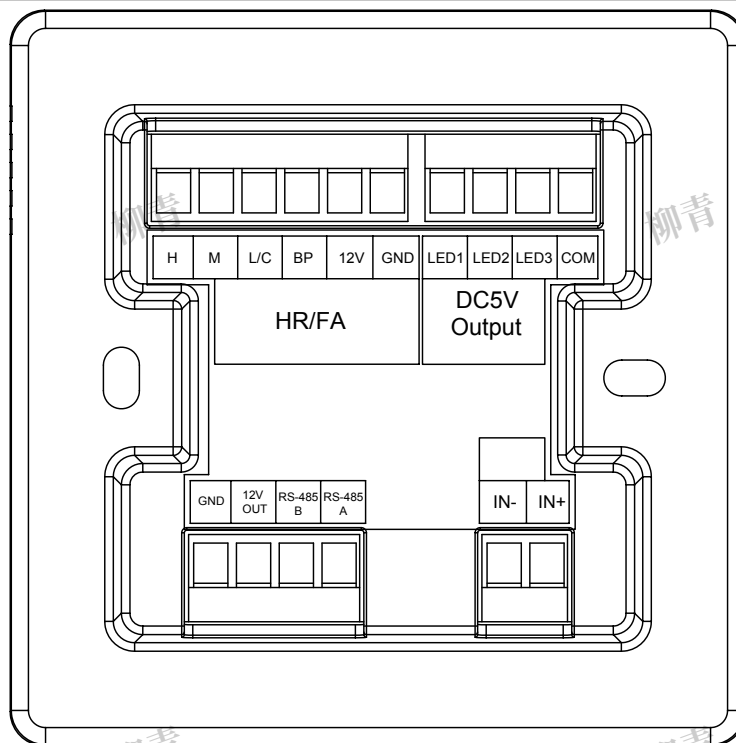


5. Hang 2 hooks above the controller at an angle of 30°. Slightly press the two opposite corners below the controller, lock the upper cover. This completes the installation.

Installation Notes

2. Electrical Wiring

Note: Turn off the power supply during wiring installation. Otherwise an electric shock may occur.



Controller wiring is shown in the below table:

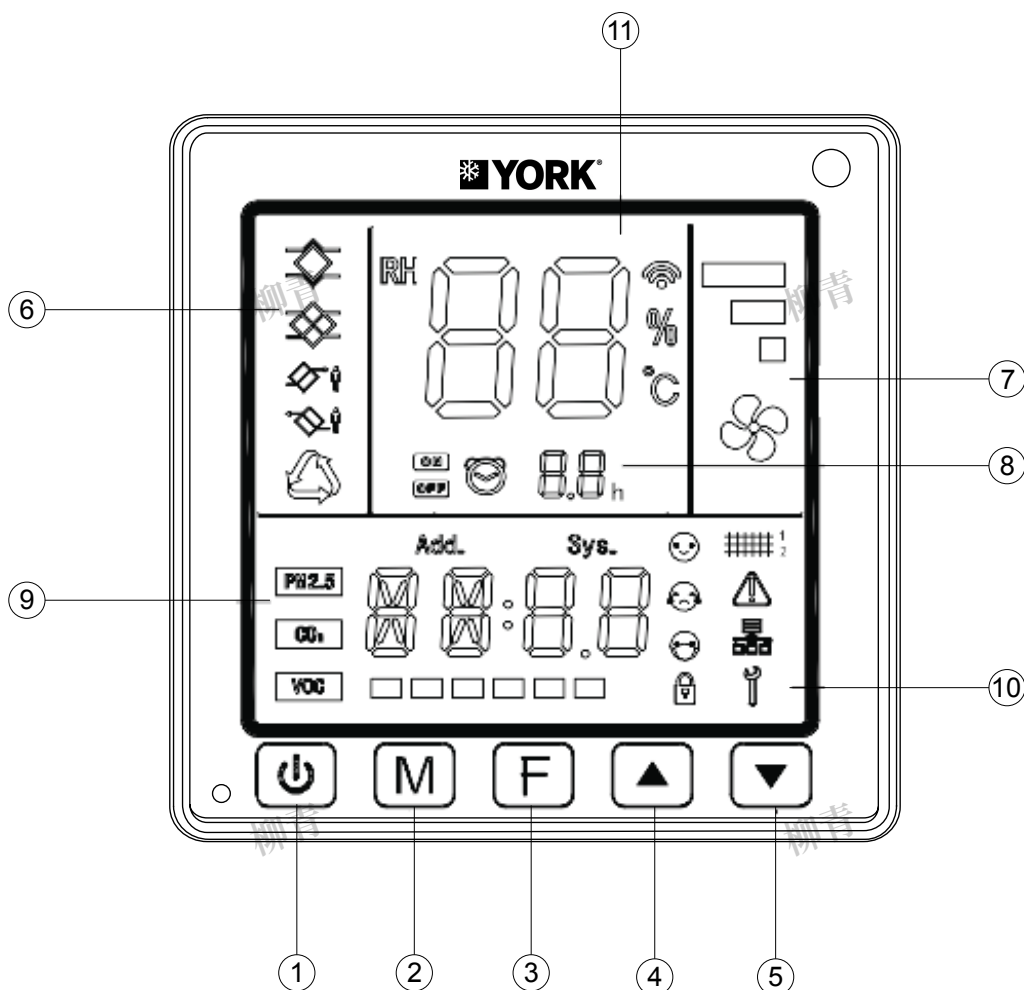
Item	Wired Controller Terminal	Connect To	Terminal Input/Output
Connection heating/fresh air	H	Electric box	Weak electricity
	M		Weak electricity
	L/C		Weak electricity
	BP		Weak electricity
	12V		Power input
	GND		Power input
-	GND	485 communication device	Shared
	12V		Weak electricity
	RS-485 B		Weak electricity
	RS-485 A		Weak electricity
Linkage	IN-	External input	Switch input
	IN+		Switch input

Note:

1. If it requires to connect the central control system, connect the wired controller to the corresponding terminal of 485 communication device.
2. If air-box connection is required, connect the wired controller to the terminal of 485 communication device of air-box.
3. If there is a gap between wire and connection part of the controller, seal the gap with vinyl insulation tape to avoid water, insects getting inside the controller causing failure.

Name of the Parts

The complete display is shown only for description. The actual display may vary during operation.



Item	Description
1	On/off button
2	Mode button
3	Function button
4	Up button
5	Down button
6	Mode indication: indicates the mode setting status
7	Fan speed indication: indicates the fan speed setting
8	Timer setting: indicates the timer countdown
9	Indication air quality (air-box connection is needed)
10	Additional function area
11	Temperature indication: shows the current indoor

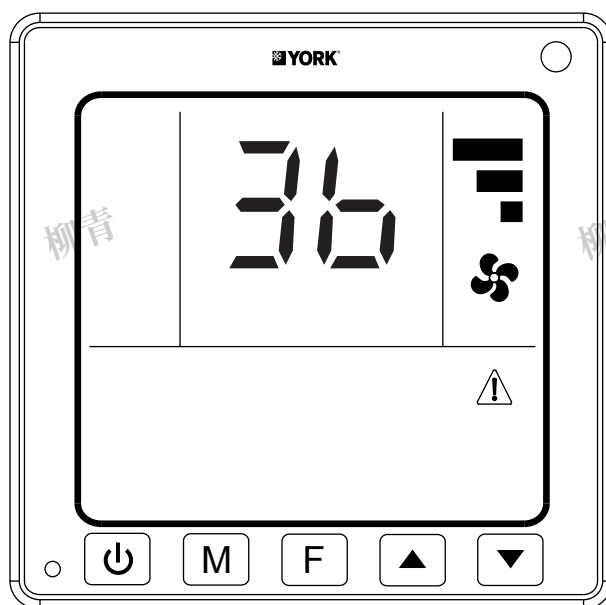
Model Setting

Function and Action

Set the mode code HC as per the total-heat-exchanger model connected to the wired remote controller.

Model setting	- Stop status, Press M and ▼ and hold for 3 seconds. Enter the model setting status as shown in the right side. - Press M to switch between high or low position of HC. Press ▲ OR ▼ to select the value. - After setting is complete, press M and ▼ and hold for 3 seconds to return to normal mode.		
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Note: If unit model code is not set, the display shows alarm code “3b” as alarm indication.



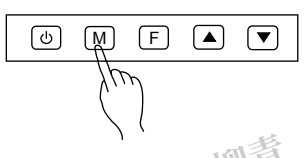
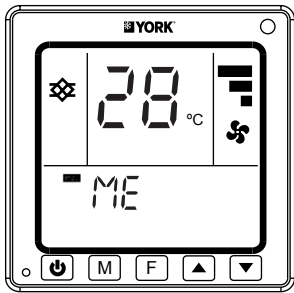
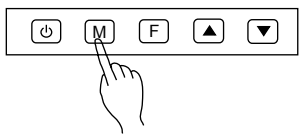
※ Please set the unit code according to the model of the full-heat-exchanger connected.

Model	Function	Setting Value of HC
JDTH065H0NAGQ~JDTH125H0NAGQ	2-stage fan speed, only in full-heat mode	22
JDTH150H0NEGQ~JDTH300H0NEGQ	1-stage fan speed, only in full-heat mode	12
JDTH400H0NEGQ~JDTH500H0NEGQ		
JDTH015H0NAGQF~JDTH050H0NAGQF	2-stage fan speed, bypassing, internal circulation, full-heat, auto mode	2F
JDTH020H0NAGQ~JDTH050H0NAGQ	Two-stage fan speed, bypassing, full-heat	23

Filter Cleaning/Replacement Cycle Setting

Function and Action

According to the outdoor air PM2.5 density level, filter cleaning and replacement cycle time is automatically set.

Filter cleaning	- Under normal mode (power OFF status) press M and hold for more than 3 seconds. Shown in the figure to the right side - Press ▲ or ▼ (press continuously) to set local outdoor PM2.5 density level: Hi (high), short cleaning and replacement period. Me (middle), normal cleaning and replacement period. Lo (low), longer cleaning and replacement period.		
Replacement cycle	After completing the setting, press M and hold for 3 seconds to return to normal mode.		

- The table of PM2.5 density level and filter cleaning for replacement period

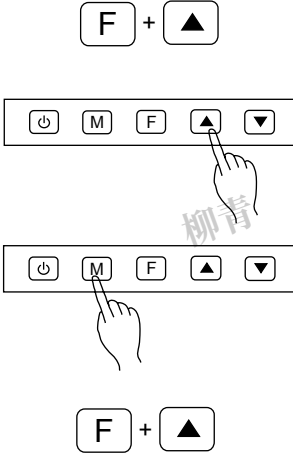
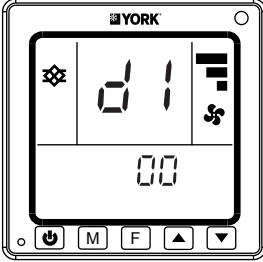
※Local PM2.5 Concentration ug/m ³	Recommended Setting of PM2.5 Concentration Level	Cleaning Period of Medium Efficiency Filter. (days)	Cleaning Period of High Efficiency Filter. (days)	Cleaning Period of Heat Exchanger Core. (days)
>100	Hi (High)	20	60	60
>75 and ≤100	Me (Middle)	40	120	120
≤75	Lo (Low)	80	240	240

※ The local PM2.5 average concentration is based on data released by the local government.

Note: The table data is calculated based on 24 hour operation per day.

Setting of Function Selection

- Setting of function selection

Unit function selection	- Under normal mode (power OFF status) press F + ▲ and hold for more than 3 seconds to enter function selection mode. - Press ▲ or ▼ continuously to select the function. - Press M continuously to set the parameters. - After setting is completed, press F + ▲ for more than 3 seconds to return to normal mode.		
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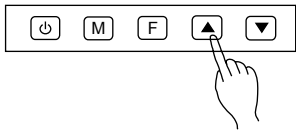
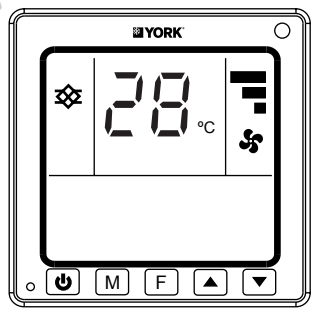
- The function selection contents and setting of its parameters:

No	Item	Function Selection Name	Setting Code and Explanation
1	d1	Power on	00— —null (default) 01— —valid
2	d3	Recover the status before power down.	00— —null (default) 01— —valid
3	U1	Cleaning period of medium efficiency filter (hou	100— —100 200— —200 1000— —1000 (default) 5000— —5000
4	U2	Cleaning period of high efficiency filter (hour	2000— —2000 2100— —2100 3000— —3000 (default) 9900— —9900 1000— —1000
5	U3	Cleaning period of full heat exchange core. (hour)	1200— —1200 3000— —3000 (default) 8000— —8000
6	U4	The null selection for filter cleaning period of function selection	00— —null (default) 01— —valid
7	U5	Back-light blinks when filter cleaning alarm prompts	00— —No blink (default) 01— —blink
8	U6	The time of back-light delay off	0— —no back-light 5— —back-light off after 5s (default) 10— —back-light off after 10s 30— —back-light off after 30s
9	U7	PM2.5, CO ₂ , VOC display	00— —no display 01— —display (default)

10	U8	Connect 485 converter PT-4H1Q4	00— —null (default) 01— —valid
11	U9	The type of connected air-box	00— —null (default) 01— —PM 2.5 Type 02— —CO ₂ and VOC Type 03— —connect 2 types box

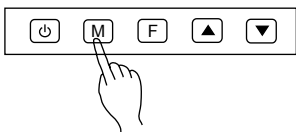
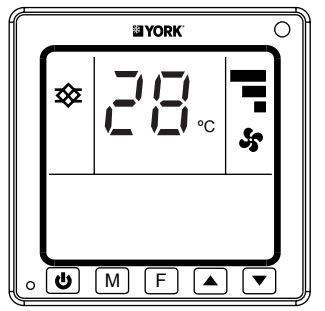
- If the function setting display shows [— —], do not change the setting.

Fan Speed Setting

1	Press  or  to adjust the fan speed.		
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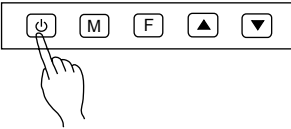
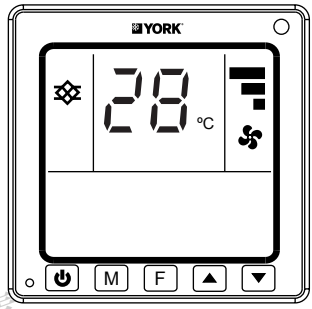
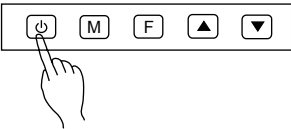
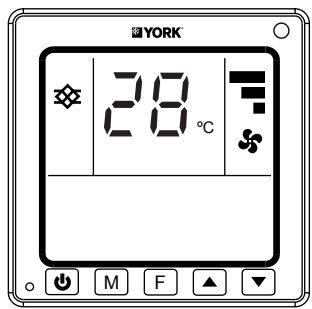
- The fan speed can adjust at both power on and off. The fan can start if the power supply to the unit is on and cannot start if power supply to the unit is off.
- Press  or  and it takes 2s for fan speed to change.

Mode Setting

1	Press  to enter adjustment mode.		
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- The mode can adjust at both power on and off.

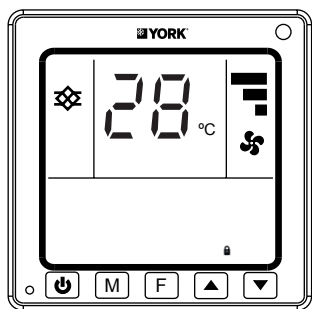
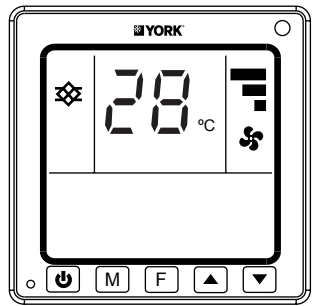
Operation Method

Operation	When the unit is not in operation, press  to start the unit.		
Stop	During operation press  to stop the unit.		

Lock Operation

Operation and Action

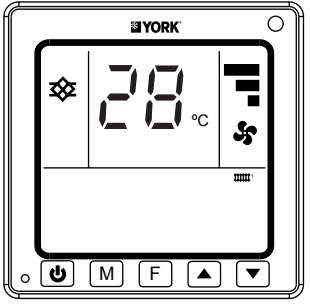
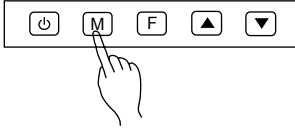
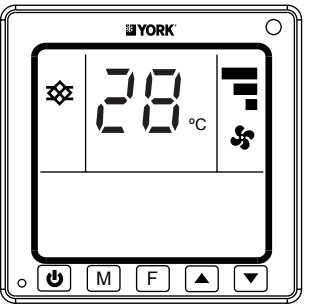
- Set the operation mode of wired remote controller button as null.
- Perform the following above setting in general.

1	Press  +  +  and hold for 3s, if  blinks this implies that lock operation works. Press any button nothing works and  blinks, indicating that the controller is locked.		
2	When  continues to blink, press  +  +  and hold for 3s,  blink disappears. This disables lock function. This implies the display is unlocked. Press any button and it works normally.		

Filter Cleaning/Replacement Alert

Function and Action

In general, when  ¹/₂ blinks, the filter needs cleaning or replacement

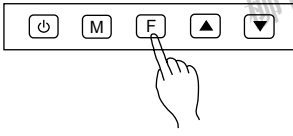
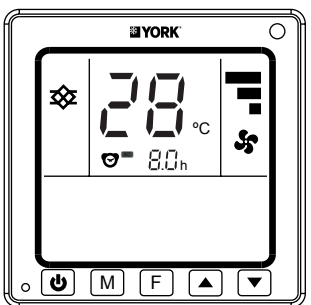
1	 ¹ blinks, indicates that medium efficiency filter requires cleaning or replacement.  ₂ blinks, indicates that high efficiency filter requires cleaning or replacement  blinks, indicates that full-heat-exchanger requires cleaning or replacement (when damaged or cannot be cleaned).		
2	Once the cleaning or replacement of the filter is complete, press  for 3s to cancel the filter alarm. This also resets the filter cleaning and replacement time.		

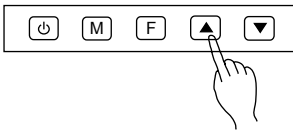
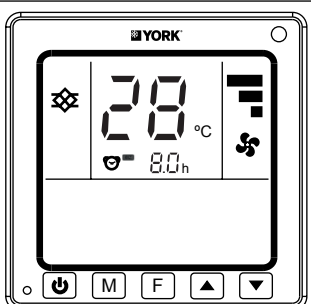
Timer Setting

Function and Action

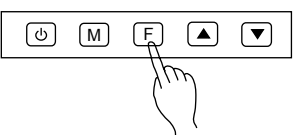
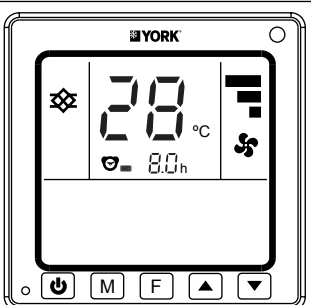
- Set the timer to start or stop the operation.
- Set only power OFF time when the unit is powered ON. The function status of time-off shows OFF.
- Set only power ON time when the unit is powered OFF. The function status of time-off shows OFF.

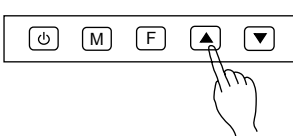
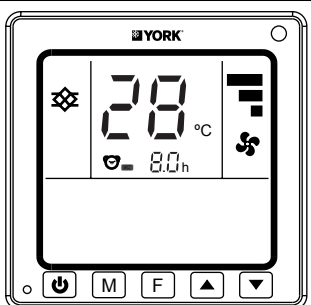
- During power OFF status

1	By default, no start timer is set. To set the timer, press F for 3s, display shows the  and the timer timing starts to blink.		
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2	Press ▲ once to add 0.5 hrs to the timer. Press ▼ once to reduce 0.5 hrs from the timer and then press F to complete the timer setting.		
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- During power ON status

1	During operation, the shut-down timer is not set. To set the timer, press F for 3s, display shows the  and the timer timing starts to blink.		
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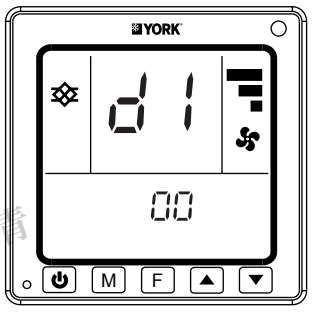
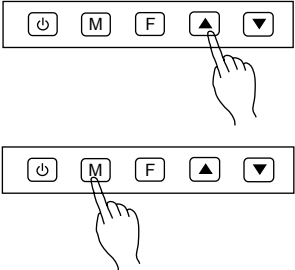
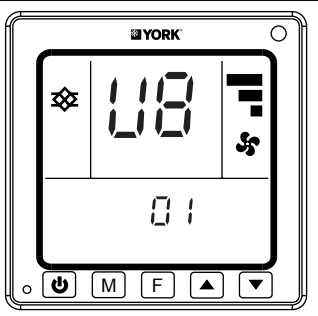
2	Press ▲ once to add 0.5 hrs to the timer. Press ▼ once to reduce 0.5 hrs from the timer and then press F to complete the timer setting.		
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- The range of timer timing is from 0.5 hours to 72 hours.

Central Control

Function and Action

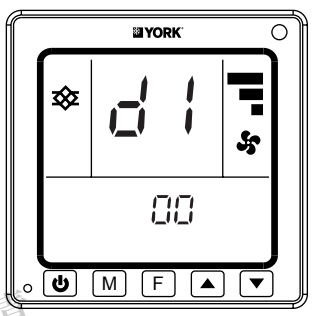
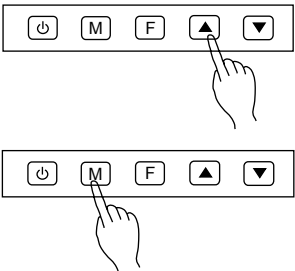
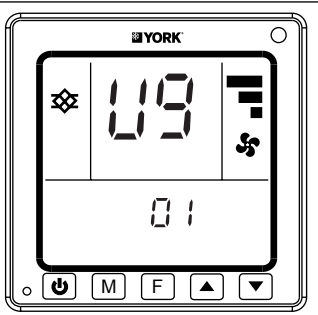
- The controller is connected to centralized control system through the 485 communication equipment.

1	In normal mode (power off status), press F + ▲ for more than 3s to enter function selection mode.	F + ▲	
2	Select the setting function "U8" and set it to "01" and exit from function selection mode.		

Air Box Connection Setting

Function and Action

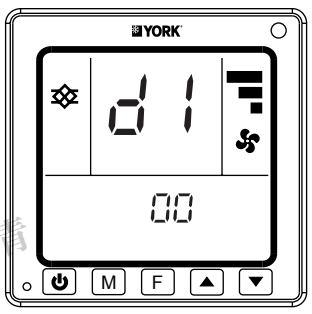
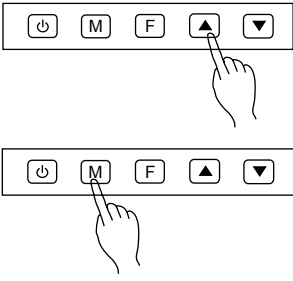
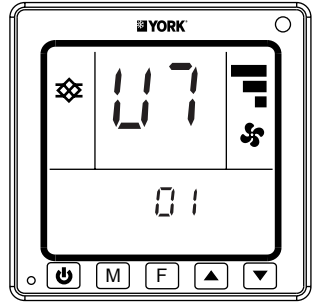
- Connect controller with air box to check real-time air quality.

1	In normal mode (power off status), press F + ▲ for more than 3s to enter the function selection mode.	F + ▲	
2	According to the air box model, select setting function "U9" and exit from function selection mode.		

Air Quality Indication

Function and Action

- Read the air box detection data to show the current ambient air quality.

1	In normal mode (power off status), press F + ▲ for more than 3s to enter function selection mode.	F + ▲	
2	Depending on requirement, set U7 as: 01---show air quality 00---do not show air quality		

- Facial expression symbol indicates the current PM2.5 concentration level.

Current Ambient PM2.5 Concentration	Facial Expression Smiley
≤100	
>100 and ≤150	
>150	

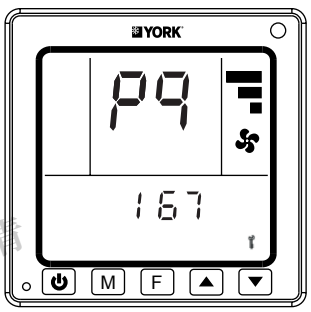
- VOC indication level description

	Normal		Over Standard		Severely Over	
VOC Level	1	2	3	4	5	6

Spot Check

Function and Action

- View the operation status of fresh air equipment through spot checking.

1	In normal mode, press M + F and hold for 3s, to enter check mode.  icon appears on the screen. Press  or  switch the spot check item. Press M + F for 3s again to exit check mode.	M + F	
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- Spot check item

No.	Data Name	Display	Displayed Value
1	Software version number	Pq	Fixed value
2	Medium efficiency filt , time remaining for next cleaning	T1	Time remaining for next cleaning = (cleaning cycles– cumulative operation time) Unit: hour (unit is not shown)
3	High efficiency filt , time remaining for next cleaning	T2	
4	Heat exchanger core, time remaining for next cleaning	T3	

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