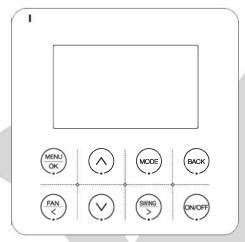
Wired Controller Instructions

- Installation should be done by professional personnel.
- To ensure correct service of the wired controller, read this manual carefully.
- Please read the manual carefully for reference.



CONTENTS

Notice for use	1
Technical indicators	3
Main functions	4
Icon Explanation	4
Instructions	5
Wired controller instruction	6
Installation schematic	27

NOTES:

- Read the entire instruction manual before installing the wired controller.
- Images are for illustration purposes only. Actual models may differ slightly.
- Save this manual for future reference.
- This manual provides a detailed description of the precautions that the user should be mindful of during operation. Keep this manual, after reading it, for future reference.

Notice for use

- To ensure correct functionality, please follow these instructions carefully
- Read these instructions thoroughly and follow all warnings or cautions included in the literature and attached to the wired controller. Consult local building codes and National Electrical Code (NEC) for special requirements.
- NSTALLATION Only the distributor or authorized professionals should install the
 unit. Installation by unskilled persons may lead to improper installation, electric
 shock, or fire. Re-installation must be performed by authorized professionals.
 Non-compliance may lead to electric shock or fire.



WARNING

This symbol indicates the possibility of death or serious injury.



CAUTION

This symbol indicates the possibility of injury or damage to properties.

Notice for use



WARNING

- Do not install the wired controller in a location vulnerable to flammable gas leaks. A fire may occur if there is a gas leak around the controller.
- Do not operate with wet hands or allow water to enter the wired controller, otherwise an electric shock may occur.
- Before cleaning or maintenance, please cut off power switch; water washing is prohibited, which has the risk of electric shock.
- Wet hand operation is prohibited, which has the risk of electric shock.
- Pesticides, disinfectants, and flammable spray materials are prohibited for direct spraying; otherwise, it may cause a fire or the deformation of devices.
- Do not peel off the display panel by hand, which has the risk of electric shock.
- The wire controller is low-voltage circuit, it is prohibited to directly contact with a high-voltage line or be placed together with a high-voltage line in the same wiring pipe, and interval shall be 19.7in (500mm) at least or more.
- Use the specified cables for wiring. Do not allow any external force to be applied to the connection wire terminals. Use this wiring to ensure there is no mechanical damage.

A CAUTION

- The wiring should be a compatible connection cable for the current wired controller. Otherwise, electric leakage or heating may occur and result in a fire.
- Ensure the wire insulation is rated for the temperature it will sustain during operation. Failure to use this wire could result in a fire.
- Before beginning any modification or installation of this kit, ensure the main electrical disconnect is in the OFF position. Ensure power is disconnected to the fan coil unit. On some systems both the fan coil and the outdoor unit may be on the same disconnect. Tag the disconnect switch with a suitable warning label. There may be more than one to disconnect.

Technical indicators

- Power voltage range: DC 12V
- Max communication line length: 3280ft (1000m)
- Mounting hole spacing: 2.3~2.4in (58~62mm)
- Working ambient temperature: 32°F~122°F (0°C~50°C)
- Dimensions(W*H*D): 4.7*4.7*0.8in (120*120*20mm)
- Temperature setting: 60°F~90°F (16°C~32°C)
- Humidity: RH20%~RH90%

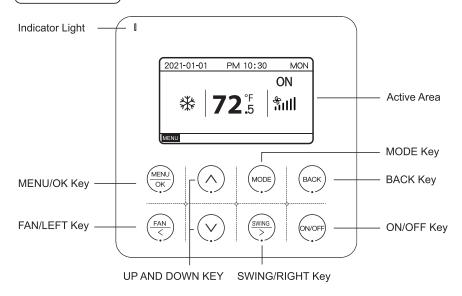
Main functions

- 8-key touch button input
- Display the failure of main controller
- LCD+white backlight

(Icon Explanation

Icon	Name	Icon	Name	Icon	Name
*	Cooling	till!	Fan speed	Ħ	Filter need
\ \\	Heating	詗	Swing	<i>5</i> 0%	Power limit
\Diamond	Dry	Ç	Sleep	G	Time booking
4	Fan	⊗	Anti-mildew	·)))	WIFI
(A)	Auto	*	Clean	0	Screen lock
P	ECO		Fault		

Instructions



Note: The product adopts touch buttons.

To ensure the validity of operation, please touch the center of each icon.

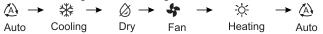
Wired controller instruction

1.Power [On/Off]

Press the" (NOFF)", Control the unit on and off.

2. Mode Setting

When the unit is running, press the "(woot)", the running mode will switch according to the following order:



The initial setting temperature for each mode is 75°F/24°C, and there is no temperature setting and automatic wind under FAN mode.

This is only for illustration, please refer to the actually displayed interfaces as final.

3. Temperature Setting

When the unit is running, press " \bigcirc "or " \bigcirc " to increase or decrease the setting temperature by 0.5°F/0.5°C or 1°F/1°C.

4.Swing Setting

When the unit is running, press the " to enter or cancel up and down swing. At the time of opening up and down swing, " \ \] " is lighting.

At the time of closed, swing icon will disappear.

Note: Air handler unitary do not have this function..

5.Fan Setting

When the unit is running, press the " to switch fan speed in the following order:

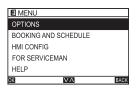
4-gear of fan speed:

Auto
$$\rightarrow$$
 Low \rightarrow Medium \rightarrow High \rightarrow Super-high \rightarrow Auto

6-gear of fan speed:

Only Low is available under DRY mode, and there is no Auto setting under FAN mode.

6.Function Setting



On the home screen, press the" (ign) is to enter the menu page.

Switch to different sub menu by pressing " ("or" ".

6. Function Setting

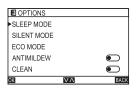


On the home screen, press the" (ight) " to enter the menu page.

Switch to different sub menu by pressing " or " ".

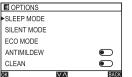
6.1 Options

6.1.1 Sleep mode



On the MENU screen, select OPTIONS and press the "(MENU)" to enter the OPTIONS page.

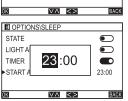
Switch to different sub menu by pressing "(^) "or" (^)".



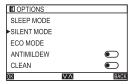
On the OPTIONS screen, select SLEEP MODE and press the" (SEEP MODE page.

Switch to different sub menu by pressing " () "or" ()".





6.1.2 SILENT MODE





Select STATE and press the "(FAN) "or" (SMING) " to set on/off.

Select LIGHT AUTO and press the " or" or" to set on/off.

Select TIMER and press the "(FAN) "or" (SMING)" to set on/off.

Select START AT and press the " to start the time setting.

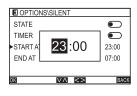
Press the " or" to select hour/ minute, and press the " or" to set the clock, press the to be sure set.

On the OPTIONS screen, select SILENT and press the " $\frac{\text{(MSN)}}{\text{OK}}$ " to enter the SILENTpage.

Switch to different sub menu by pressing "\ondow" or "\ondow".

On the SILENT screen, select STATE and press the " $\frac{FAN}{C}$ "or " $\frac{SNNG}{C}$ " to set on/off.

On the SILENT screen, select TIMER and press the "(FAN)" or "(SON)" to set on/off.



On the SILENT screen, select START AT and press the " $\binom{\text{MBN}}{\text{OK}}$ " to set the start time.

On the SILENT screen, select END AT and press the " $\frac{\text{MBND}}{\text{OK}}$ " to set the end time.

Press the" or " or " to select hour/minute, and press the" \(\cdot \) or " \(\cdot \) to set the clock.

6.1.3 ECO MODE

(Note: Free match unit do not have this function.)



On the OPTIONS screen, select ECO and press the " to enter the ECO page.

Switch to different sub menu by pressing "(\[\rightarrow\]".

On the ECO screen, select STATE and press the " or " to set on/off.

On the ECO screen, select TIMER and press the " or " to set on/off.



On the ECO screen, select START AT and press the " $\left(\frac{\text{MENU}}{\text{OK}}\right)$ " to set the start time.

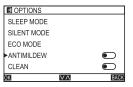
On the ECO screen, select END AT and press the "(MENU) "

to set the end time.

Press the"(FAN) or "(SMING) to select hour/minute, and press the" (\land) "or " (\lor) " to set the clock.

6.1.4 ANTIMILDEW

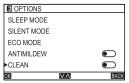
(Note: Free match unit do not have this function.)



On the OPTIONS screen, select ANTIMILDEW and press the "(FAN) or "(SWING)" to set on/off.

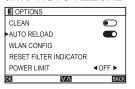
615 CIFAN

(Note: Free match unit do not have this function.)



On the OPTIONS screen, select CLEAN and press the "(FAN)" or" (SWING)" to set on/off.

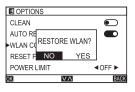
6.1.6 AUTO RELOAD



On the OPTIONS screen, select AUTO RELOAD and press the " or " or " to set on/off.

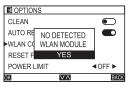
6.1.7 WLAN CONFIG

(Note: Air handler unitary do not have this function.)



On the OPTIONS screen, select WLAN CONFIG and press the " (N) ".

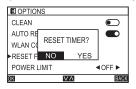
Press the" or " to select YES/NO.



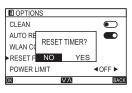
If the IDU is not connected to the WLAN Module, a prompt as shown in the figure will appear. If the WLAN Module is connected successfully, " > " will be displayed on the home page.

6.1.8 RESET FILTER INDICATOR

(Note: The filter cleaning reminder function is not enabled from factory)



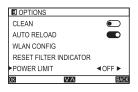
When the " \blacksquare " is displayed select RESET FILTER INDICATOR on the OPTIONS page and press the " $\frac{\text{MEND}}{\text{OK}}$ " to reset indicator.



When the " \boxplus " is clears, select RESET FILTER INDICATOR on the OPTIONS page press the " (N)" to reset timer.

6.1.9 POWER LIMIT

Note: Free match unit do not have this function.

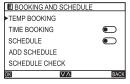


On the OPTIONS screen, select POWER LIMIT and press the " or " to select the different level according to the following order:

OFF \rightarrow 30% \rightarrow 40% \rightarrow 50% \rightarrow 60% \rightarrow 70% \rightarrow 80% \rightarrow 90% \rightarrow OFF

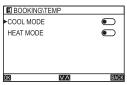
6.2 BOOKING AND SCHEDULE

6.2.1 TEMP BOOKING



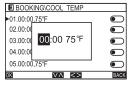
On the MENU screen, select BOOKING AND SCHEDULE and press the "(MENU) " to enter the BOOKING AND SCHEDULE screen.

Switch to different sub menu by pressing " \bigcirc "or " \bigcirc ".



On the BOOKING AND SCHEDULE screen, select TEMP BOOKING and press the "()" to enter the TEMP BOOKING screen.

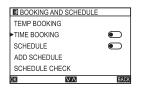
Switch to different sub menu by pressing "\(\sigma\)"or "\(\sigma\)".



On the TEMP BOOKING screen, select COOL MODE/HEAT MODE and press the "(OK)" to enter the COOL MODE/HEAT MODE screen.

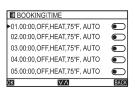
Press the "or "or "or to select hour/minute/temperature Press the or "or "or "or to set the temperature and timing time.

6.2.2 TIME BOOKING



On the BOOKING AND SCHEDULE screen, select TIME BOOKING and press the "()" " to enter the TIME BOOKING screen.

Switch to different sub menu by pressing "\(\sigma\)"or "\(\sigma\)".



On the TIME BOOKING screen, select any one and press the " (MENU)" to enter the SET screen.

Switch to different sub menu by pressing "\(\sigma\)"or "\(\sigma\)".



On the SET screen, select START AT and press the "(week)" to start the time setting.

Press the " $\stackrel{\text{\tiny (FAN)}}{\nwarrow}$ " or " $\stackrel{\text{\tiny (Simple)}}{\nearrow}$ " to select hour/minute.and press the " $\stackrel{\text{\tiny (A)}}{\nearrow}$ " or set the clock.



Select ON/OFF and press the " or " or " to set the IDU on/off.

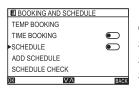
Select MODE and press the "(FAN)" or "(SINC)" to select the IDU operation mode.

Select TEMP and press the " or or to set the IDU temperature.

Select FAN and press the " or " or " to set the IDU fan speed.

Select SWING and press the " or " or " to set the IDU swing.

6.2.3 SCHEDULE



On the BOOKING AND SCHEDULE screen, select SCHEDULE and press the "(SCHEDULE screen), to enter the SCHEDULE screen).

Switch to different sub menu by pressing "\(\sigma\) "or "\(\sigma\)".

■ SCHEDULE\LIST

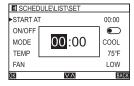
>01.00:00, ON, HEAT, 75°F, LOW
02.00:00, OFF, AUTO, 75°F, LOW
03.00:00, ON, COOL, 75°F, MI
04.00:00, OFF, AUTO, 75°F, MID

On the SCHEDULE screen, select any one and press the "(SC)" to enter the LIST screen.

Switch to different sub menu by pressing "\(\sigma\)"or "\(\sigma\)".

■ SCHEDULE\LIST\SET	
START AT	00:00
ON/OFF	
MODE	COOL
TEMP	75°F
FAN	LOW
OK VA	BACI

On the LIST screen, select any one and press the "(mean)" to enter the SET screen.



On the SET screen, select START AT and press the "(MBN) or otart the time setting.

Press the " \bigcirc " or " \bigcirc " to select hour/minute, and press the " \bigcirc " or " \bigcirc " to set the clock.

E SCHEDULE\LIST\SET

ON/OFF

MODE

COOL

TEMP

FAN

LOW

SWING

BACK

BA

Select ON/OFF and press the "FAN "or "SOURCE" to set the IDU On/Off.

Select MODE and press the "(FAN)" or "(SWING)" to select the IDU operation mode.

Select TEMP and press the " or" or to set the IDU temperature.

Select FAN and press the "FAN or " to set the IDU fan speed.

Select SWING and press the " or " or " to set the IDU swing on/off.



Select weekly and press the "(MENU)" whether to select.

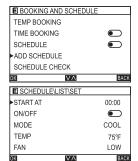
" Imeans selections with check mark are valid.



Select DELETE and press the "(MENU)", the following prompts will appear.

Press the "FAN or "SYNNO select YES/NO.

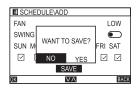
6.2.4 ADD SCHEDULE



On the BOOKING AND SCHEDULE screen, select ADD SCHEDULE and press the "(MENU)" to enter the ADD SCHEDULE screen.

Switch to different sub menu by pressing " \wedge "or " \vee ".

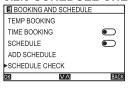
The setting method is the same as the SCHEDULE setting.



When the selections are completed, select SAVE by pressing the "\(\cdot\)" or "\(\cdot\)", and press the "\(\frac{\text{MENU}}{\text{SK}} \)", the following prompts will appear.

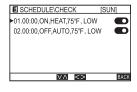
Select YES, then the settings are valid, otherwise, it does not take effect.

6.2.5 SCHEDULE CHECK



On the BOOKING AND SCHEDULE screen, select SCHEDULE CHECK and press the "CHEDULE CHECK screen." to enter the SCHEDULE CHECK screen.

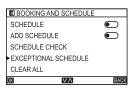
Switch to different sub menu by pressing "\(\cdot \)"or "\(\cdot \)".



On the SCHEDULE CHECK screen, switch weekly schedule by press the " $\frac{FAN}{C}$ " or " $\frac{FAN}{C}$ ".

The weekly schedule is displayed on the title bar, and the page is displayed according to the content of the schedule setting.

6.2.6 EXCEPTIONAL SCHEDULE



Away Mode: Saves energy by adjusting the temperature when you're not at home.

On the BOOKING AND SCHEDULE screen, select EXCEPTIONAL SCHEDULE and press the "SCHEDULE screen." to enter the EXCEPTIONAL SCHEDULE screen.

Switch to different sub menu by pressing "(\(\rightarrow\)" or "(\(\cdot\)".



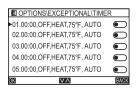
On the EXCEPTIONAL screen, select STATE and press the " or " or " to set On/Off.



On the EXCEPTIONAL screen, select START AT and press the " (MRNU)" to set the start time.

On the EXCEPTIONAL screen, select END AT and press the "(MRN)" to set the end time.

Press the "()"or "()" to select year/month/day, and press the "()"or "()" to set the date.



The setting method is the same as the SCHEDULE setting.

6.2.7 CLEAR ALL



On the BOOKING AND SCHEDULE screen, select CLEAR ALL and press the " (see)", the following prompts will appear.

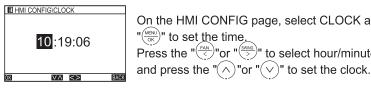
Press the " $\frac{(FAN)}{<}$ " or " $\frac{(SWING)}{>}$ " to select YES/NO.

6.3 HMI CONFIG 6.3.1 CLOCK



On the MENU screen, select HMI CONFIG and press the "(SEAL)" to enter the HMI CONFIG screen.

Switch to different sub menu by pressing " \land "or " \checkmark ".

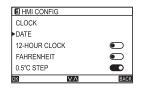


On the HMI CONFIG page, select CLOCK and press the " to set the time. Press the " or " to select hour/minute/second,



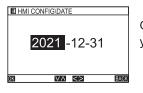
After the clock is changed, press the "(MENU) , the following prompts will appear. Press the "FAN Or "SVING" to select YES/NO.

632 DATE



On the HMI CONFIG screen, select DATE and press the " $\left(\frac{MeNU}{OK}\right)$ " to enter the DATE screen.

Switch to different sub menu by pressing " (\land) "or " (\lor) ".



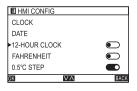
On the DATE screen, press the "(s)" or "(s)" to select year/month/day, and press the "(o)" or "(v)" to set the date.



After the date is changed, press the "(MENL)", the following prompts will appear.

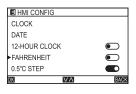
Press the "(FAN) or "(SNING) or to select YES/NO.

6.3.3 12-HOUR CLOCK



On the HMI CONFIG screen, select 12-HOUR CLOCK and press the " $\frac{(FAN)}{C}$ " or " $\frac{(SMN)}{C}$ " to set On/Off.

6.3.4 FAHRENHEIT

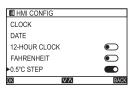


On the HMI CONFIG screen, select FAHRENHEIT and press the " or " to set On/Off.

ON:°F

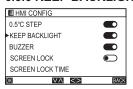
OFF:°C

6.3.5 0.5°C STEP



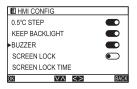
On the HMI CONFIG screen, select 0.5°C STEP and press the "(FAN)" or "(SON)" to set On/Off.

6.3.6 KEEP BACKLIGHT



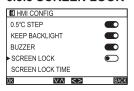
On the HMI CONFIG screen, select KEEP BACKLIGHT and press the "(FAK)" or "(SIMBLE)" to set On/Off.

6.3.7 BUZZER



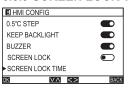
On the HMI CONFIG screen, select BUZZER and press the " or " or " to set on/off.

6.3.8 SCREEN LOOK



On the HMI CONFIG screen, select SCREEN LOCK and press the "FAN " or "FAN " to set on/off.

6.3.9 SCREEN LOCK TIME



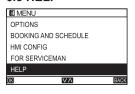
On the HMI CONFIG screen, select SCREEN LOCK TIME and press the " $(\stackrel{FAN}{\leq})$ " or " $(\stackrel{FAN}{\leq})$ " to set the time. The time range is 10~120s (default 60s).

6.4 FOR SERVICEMAN



Access to serviceman screen requires password.

6.5 HELP



On the MENU screen, select HELP and press the " $\begin{tabular}{l} \begin{tabular}{l} \$

Installation schematic

- 1.Cut off power to indoor unit.
- 2. First, use a flathead screwdriver to gently pry the bottom groove of the wire controller as shown in Fig. 1.

Be careful to avoid damaging the circuit board. Rotate the screwdriver gently to open the back cover.

3.As shown in Fig.2, fix M5/32 * 25/32in(M4X20mm) screws provided together with the back cover on box, then pass lead wires through the back cover.

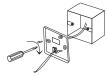


Fig.2

Fig.1

4- Connect the power wiring of the box inside the wall to the connection terminal. Ensure there are no potential short circuits.

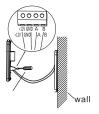


Fig.3

- 5. Connect the wire: Attach the connecting wire to the main body of the wire controller as shown in Fig. 4.
- 1) .Attach the top part: Push the top part of the main body into the clip.
- 2). Secure the bottom part: Tilt the main body slightly and push the bottom part into place. Avoid pushing it straight-in to prevent damage.



Fig.4





MADE IN CHINA