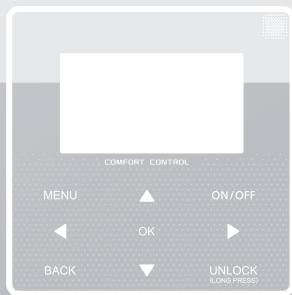


Airwell

MANUEL D'UTILISATION



Merci d'avoir acheté notre produit.
Avant d'utiliser votre appareil, veuillez lire attentivement ce manuel et le conserver.

- Ce manuel décrit en détail les précautions à prendre pendant le fonctionnement.
- Afin de garantir un bon fonctionnement du contrôleur, veuillez lire attentivement ce manuel avant d'utiliser l'appareil.
- Pour plus de commodité, conservez ce manuel après l'avoir lu.

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1 PRÉCAUTIONS GÉNÉRALES DE SÉCURITÉ

1.1 A propos de la documentation

- La documentation originale est écrite en anglais. Toutes les autres langues sont des traductions.
- Les précautions décrites dans ce document couvrent des sujets très importants. Suivez-les attentivement.
- Toutes les activités décrites dans le manuel d'installation doivent être effectuées par un installateur agréé.

1.1.1 Signification des avertissements et des symboles

DANGER

Indique une situation entraînant la mort ou des blessures graves.

DANGER: RISQUE D'ÉLECTROCUTION

Indique une situation pouvant entraîner une électrocution.

DANGER: RISQUE DE BRÛLURE

Indique une situation pouvant provoquer des brûlures en raison de températures extrêmement chaudes ou froides.

WARNING

Indique une situation pouvant entraîner la mort ou des blessures graves.

CAUTION

Indique une situation pouvant entraîner des blessures mineures ou modérées.

NOTE

Indique une situation pouvant entraîner des dommages matériels ou matériels.

INFORMATION

Indique des conseils utiles ou des informations supplémentaires.

1.2 Pour l'utilisateur

- Si vous ne savez pas comment utiliser l'appareil, contactez votre installateur.

- L'appareil n'est pas destiné à être utilisé par des personnes, y compris des enfants, ayant des capacités physiques, sensorielles ou mentales réduites, ou manquant d'expérience et de connaissances, à moins qu'une personne responsable de leur sécurité ne les ait supervisées ou instruites concernant leur utilisation. Les enfants doivent être surveillés pour s'assurer qu'ils ne jouent pas avec le produit.



CAUTION

Ne rincez PAS l'appareil. Cela pourrait provoquer des décharges électriques ou un incendie.



NOTE

- Ne placez aucun objet ou équipement sur le dessus de l'appareil.
- Ne vous asseyez pas, ne montez pas et ne montez pas sur l'appareil.

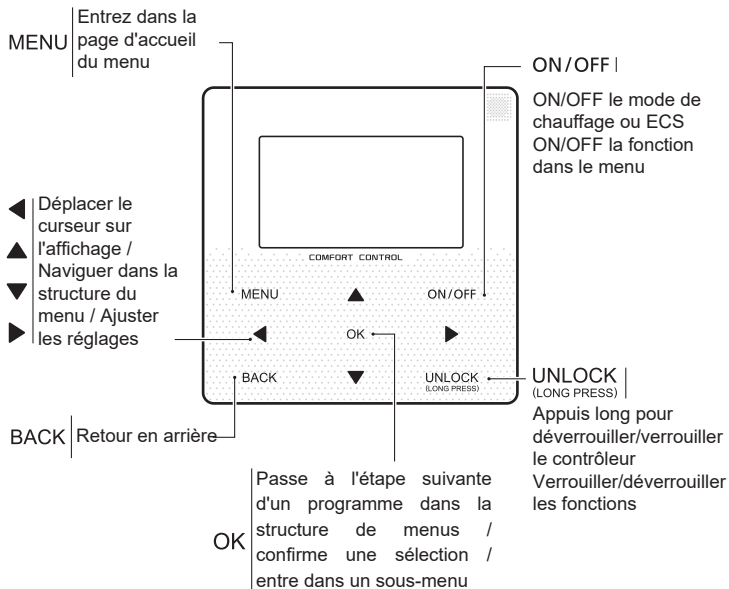
- Les unités sont marquées du symbole suivant:



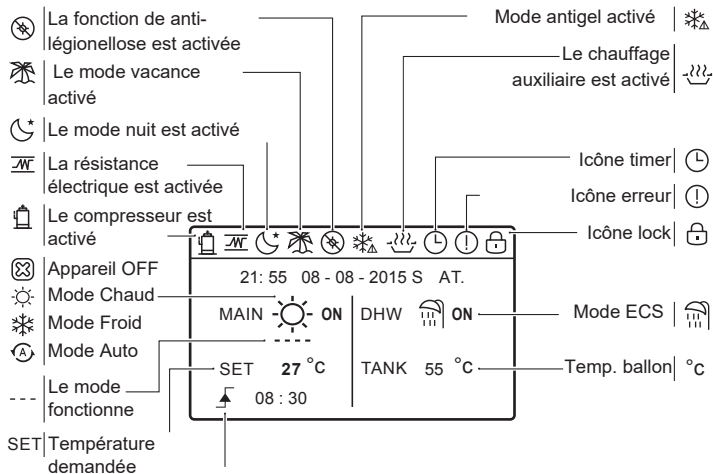
Cela signifie que les produits électriques et électroniques ne peuvent pas être mélangés avec des déchets ménagers non triés. Ne tentez pas de démonter le système vous-même: le démontage du système, le traitement du réfrigérant, de l'huile et des autres pièces doivent être effectués par un installateur agréé et doivent être conformes à la législation en vigueur. Les unités doivent être traitées dans une installation de traitement spécialisée pour être réutilisées, recyclées et récupérées. En vous assurant que ce produit est éliminé correctement, vous contribuerez à la prévention des conséquences négatives potentielles sur l'environnement et la santé humaine. Pour plus d'informations, contactez votre installateur ou les autorités locales.

2 UN COUP D'OEIL DE L'INTERFACE UTILISATEUR

2.1 L'apparence du contrôleur



2.2 Icônes



À la prochaine action programmée, le temp. souhaitée augmentera

- La température ne changera pas
- ↘ La température baissera
- ↗ La température augmentera

[ECO icon] Mode ECO activé

[Resistance icon] Résistance du ballon activée

[Defrost icon] Mode dégel activé

[Solar icon] Mode solaire activé

[7 icon] Programmation hebdomadaire

3 PAGES D'ACCUEIL

3.1 À propos des pages d'accueil

Vous pouvez utiliser les pages d'accueil pour lire et modifier les paramètres destinés à une utilisation quotidienne. Ce que vous pouvez voir et faire sur les pages d'accueil est décrit, le cas échéant. Selon la configuration du système, les pages d'accueil suivantes peuvent être possibles:

- Température de la pièce (ROOM)
- Température de sortie d'eau (MAIN)
- Température du ballon ECS (TANK)

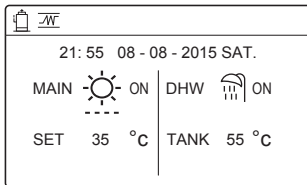
ECS = Eau Chaude Sanitaire

Page d'accueil 1 :

Si vous avez réglé le paramètre WATER FLOW TEMP. comme OUI et ROOM TEMP. comme NON. Il n'y aura que la page principale. Le système a pour fonction de chauffer le sol et de produire de l'eau chaude. La page suivante apparaîtra :

NOTE :

Toutes les images du manuel sont utilisées pour expliquer, les pages réelles à l'écran peuvent avoir une différence..

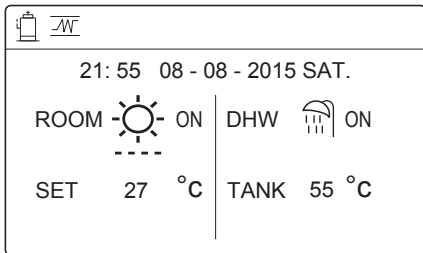


Page d'accueil 2 :

Si vous avez réglé le paramètre WATER FLOW TEMP. comme NON et ROOM TEMP. comme OUI. Il n'y aura que la page principale. Le système a pour fonction de chauffer le sol et de produire de l'eau chaude. La page suivante apparaîtra :

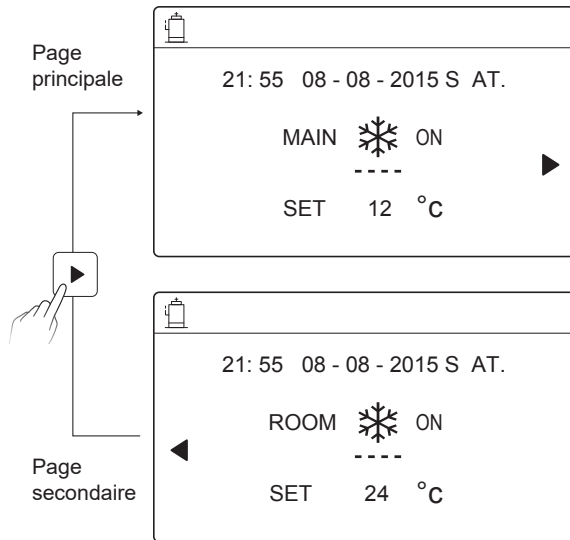
NOTE :

L'interface doit être installée dans la pièce chauffer pour vérifier la température ambiante.



Page d'accueil 3 :

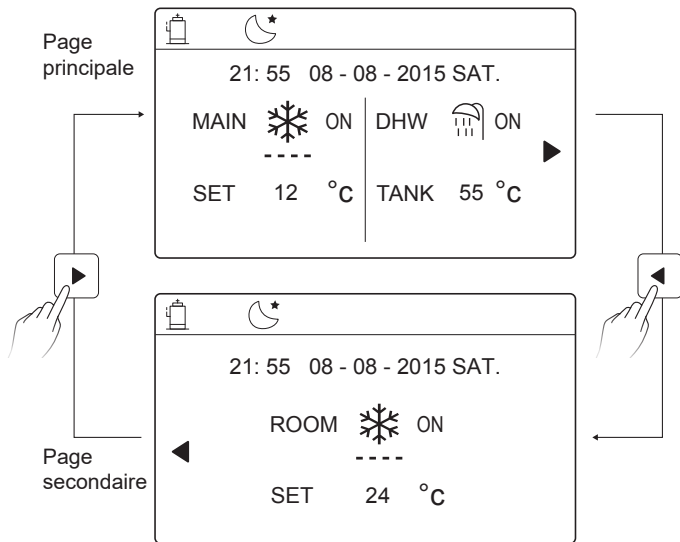
Si vous avez réglé le paramètre WATER FLOW TEMP. comme OUI et ROOM TEMP. comme OUI. Il y aura la page principale et la page secondaire. Le système a la fonction incluant le chauffage au sol et la climatisation. La page suivante apparaîtra :



Page d'accueil 4 :

Si vous avez réglé le paramètre WATER FLOW TEMP. comme OUI et ROOM TEMP. comme OUI. Il y aura la page principale et la page secondaire. Le système a la fonction incluant le chauffage au sol, la climatisation et la production d'eau chaude.

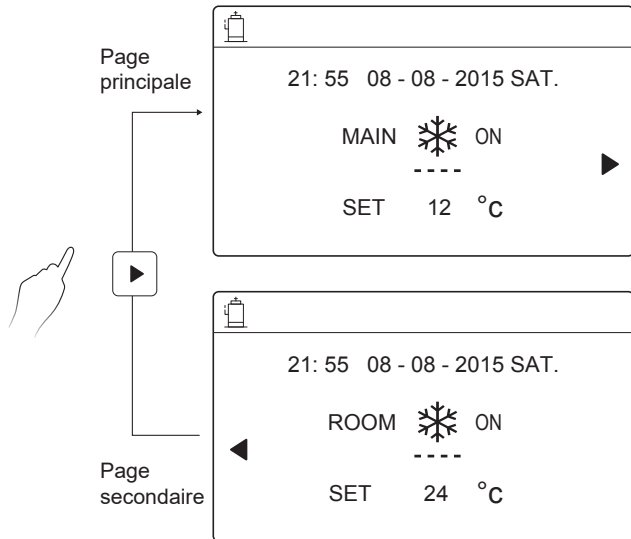
La page suivante apparaîtra :



Page d'accueil 5 :

Si vous avez réglé le paramètre WATER FLOW TEMP. comme OUI et ROOM TEMP. comme OUI. Il y aura la page principale et la page secondaire. Le système a la fonction, climatisation.

La page suivante apparaîtra :



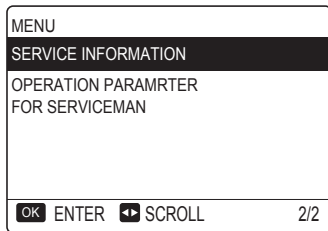
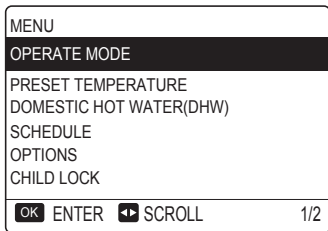
4 STRUCTURE DU MENU

4.1 A propos de la structure du menu

Vous pouvez utiliser la structure de menus pour lire et configurer des paramètres qui ne sont PAS destinés à une utilisation quotidienne. Ce que vous pouvez voir et faire dans la structure de menu est décrit, le cas échéant.

4.2 Aller à la structure du menu

À partir d'une page d'accueil, appuyez sur " MENU ". Résultat : la structure du menu apparaît :




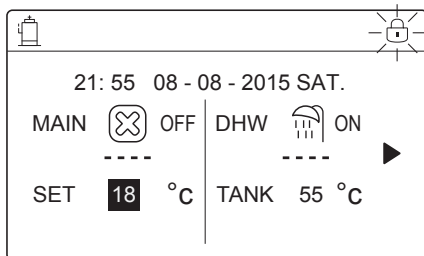
4.3 Naviguer dans la structure du menu



Utilisez " ▼ " " " ▲ " pour faire défiler.

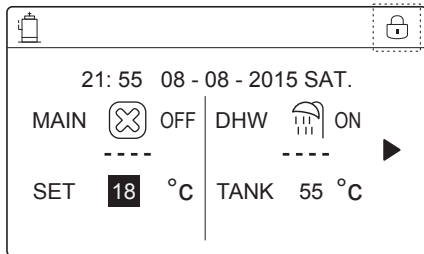
5 FONCTIONS DE BASE

5.1 Déverrouillage de l'écran

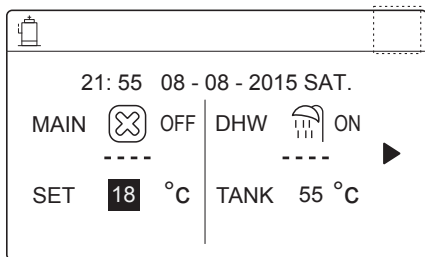
Si l'icône  est sur l'écran, le contrôleur est verrouillé.
La page suivante est affichée :



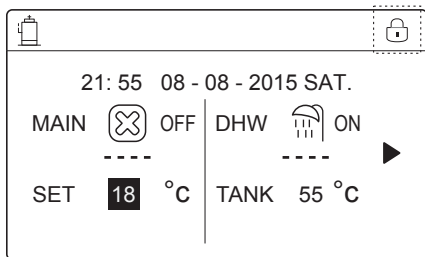
Appuyez sur n'importe quelle touche, l'icône  clignotera.
Appuyez longuement sur la touche " UNLOCK ".
L'icône  disparaîtra, l'interface peut être contrôlée.



L'interface sera verrouillée s'il n'y a pas de manipulation pendant une longue période (environ 60 secondes). Si l'interface est déverrouillée, appuyez longuement sur "déverrouiller" pour verrouiller l'interface.



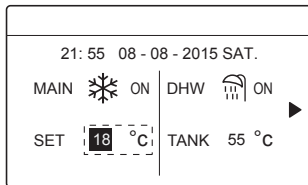
Appuis long UNLOCK ↓ ↑ UNLOCK Appuis long UNLOCK



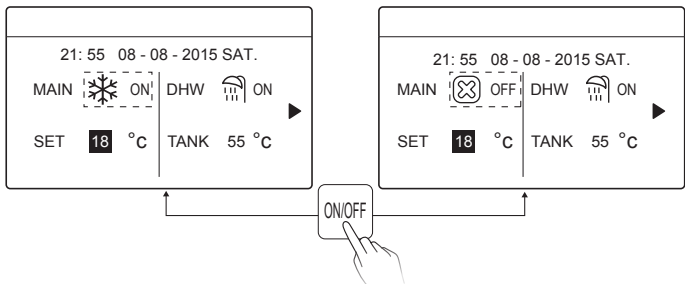
5.2 ON/OFF des fonctions

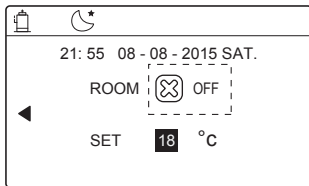
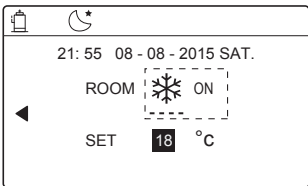
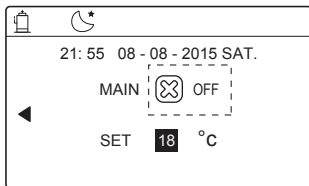
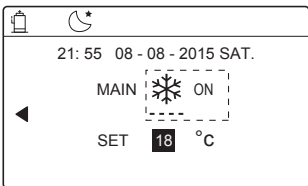
Utilisez l'interface pour allumer ou éteindre l'appareil pour le chauffage ou le refroidissement de volume.

- L'interrupteur ON / OFF de l'appareil peut être contrôlé par l'interface si le THERMOSTAT AMBIANT est NON (voir la section RÉGLAGES DU THERMOSTAT AMBIANT sur le manuel d'installation et d'installation).
- Appuyez sur " ◀ " " ▶ " sur la page d'accueil, le curseur noir apparaîtra :



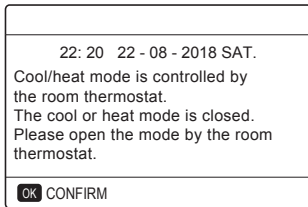
1) When the cursor is on space operation mode side (Including heat mode ❄️, cool mode ⚙️ and auto mode ⓐ), press "ON/OFF" key to turn on/off the operation mode



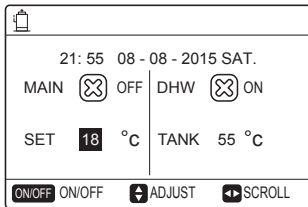


Use the room thermostat to turn on or off the unit for space heating or cooling.

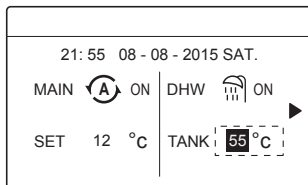
① The room thermostat is SET YES(see ROOM THERMOSAT on INSTALLTION AND OWNER'S MANUAL) the unit is turned on or off by the room thermostat, press on/off on the interface, the following page will display:



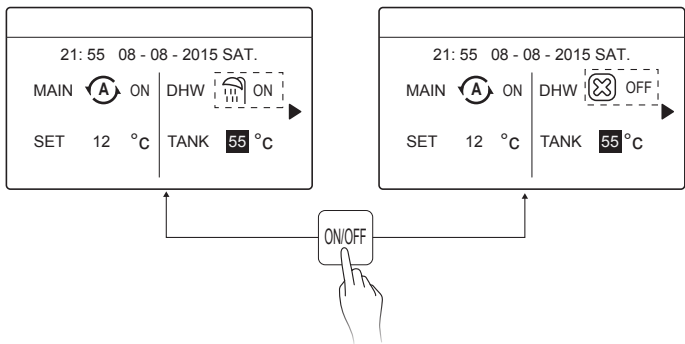
② DUAL ROOM THERMOSTAT is set YES(see ROOM THERMOSTAT SETTING on INSTALLATION AND OWNER'S MANUAL).The room thermostat for fan coil is turned off ,the room thermostat for the floor heating is turned on,and the unit is running, but the display is OFF. The following page is displayed:



Use the interface to turn on or off the unit for DHW. Press "▶", "▼" on home page, the black cursor will appear:

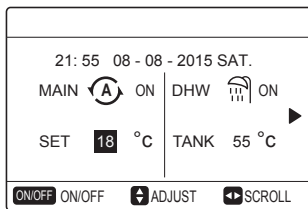


2) When the cursor is on DHW operation mode. Press "ON/OFF" key to turn on/off the DHW mode.

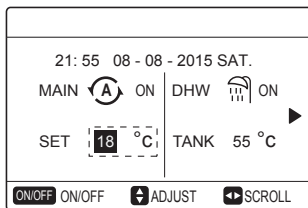


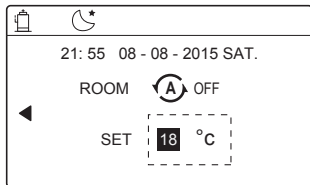
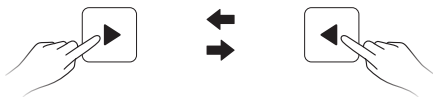
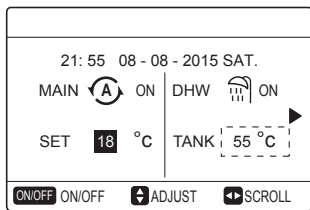
5.3 Adjusting the temperature

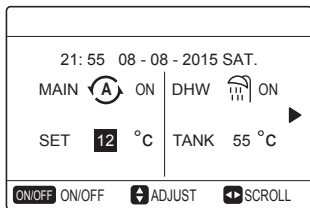
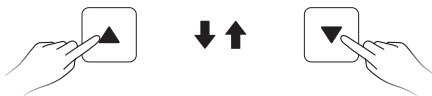
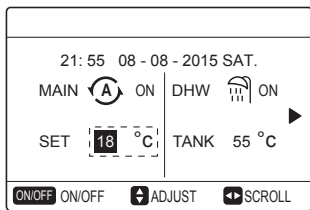
Press "◀", "▲" on home page, the black cursor will appear:



- If the cursor is on the temperature, use the "◀", "▶" to select and use "▼", "▲" to adjust the temperature.

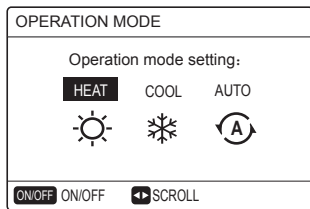






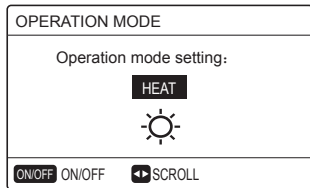
5.4 Adjusting space operation mode

- Adjusting space operation mode by interface Go to "MENU" > "SPACE OPERATION MODE". Press"OK", the following page will appear:






- There are three modes to be selected including heat, cool and auto mode. Use the "◀", "▶" to scroll, press "OK" to select. Even if you don't press OK button and exit the page by pressing BACK button, the mode would still effective if the cursor have be moved to the operation mode.

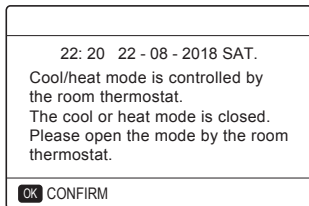
If there is only heat(cool) mode, the following page will appear:



- The operation mode can not be changed see cool MODE SETTING on installation and owner's manual.

If you select...	Then the space operation mode is...
 heat	Always heat mode
 cool	Always cool mode
 auto	<p>Automatically changed by the software based on the outdoor temperature (and depending on installer settings also the indoor temperature), and takes monthly restrictions into account.</p> <p>Note: Automatic changeover is only possible under certain conditions.</p> <p>See the FOR SERVICEMAN> AUTO MODE SETTING on installation and owner's manual.</p>

- Adjust space operation mode by the room thermostat see room thermostat on installation and owner's manual.
Go to MENU>OPERATION MODE, if you press any key to select or adjust, the following page will appear:



6 INSTALLATION MANUAL

6.1 Safety precaution

- Read the safety precautions carefully before installing the unit.
- Stated below are important safety issues that must be obeyed.
- Conform there is no abnormal phenomena during test operation after complete, then hand the manual to the user.
- Meaning of marks:



WARNING

Means improper handling may lead to personal death or severe injury.



CAUTION

Means improper handling may lead to personal injury or property loss.

 **WARNING**

Please entrust the distributor or professionals to install the unit. Installation by other persons may lead to imperfect installation, electric shock or fire.

.....

Strictly follow this manual.
Improper installation may lead to electric shock or fire.

.....

Reinstallation must be performed by professionals.
Improper installation may lead to electric shock or fire.

.....

Do not disassemble your air conditioner at will.
A random disassembly may cause abnormal operation or heating, which may result in fire.

CAUTION

Do not install the unit in a place vulnerable to leakage of flammable gases.

Once flammable gases are leaked and left around the wired controller, fire may occur.

The wiring should adapt to the wired controller current.

Otherwise, electric leakage or heating may occur and result in fire.

The specified cables shall be applied in the wiring. No external force may be applied to the terminal.

Otherwise, wire cut and heating may occur and result in fire.

Do not place the wired remote controller near the lamps, to avoid the remote signal of the controller to be disturbed. (refer to the right figure)



6.2 Other Precautions

6.2.1. Installation location

Do not install the unit in a place with much oil, steam, sulfide gas. Otherwise, the product may deform and fail.

6.2.2 Preparation before installation

1) Check whether the following assemblies are complete.

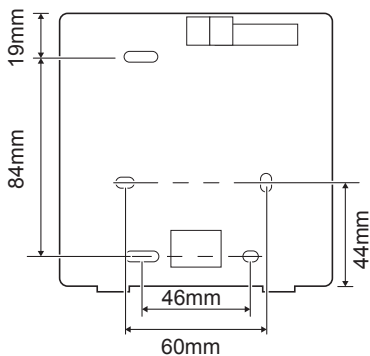
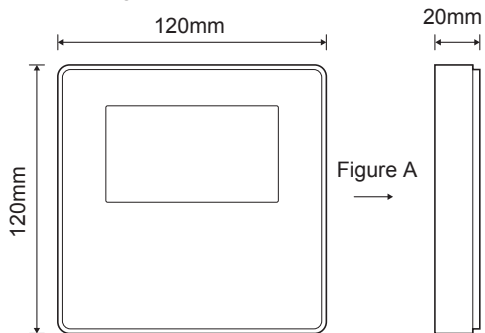
No.	Name	Qty.	Remarks
1	Wired Controller	1	_____
2	Cross round head wood mounting screw	3	For Mounting on the Wall
3	Cross round head mounting screw	2	For Mounting on the Electrical Switch Box
4	Installation and Owner's Manual	1	_____
5	Plastic bolt	2	This accessory is used when install the centralized control inside the electric cabinet
6	Plastic expansion pipe	3	For mounting on the Wall

6.2.3 Note for installation of wired controller:

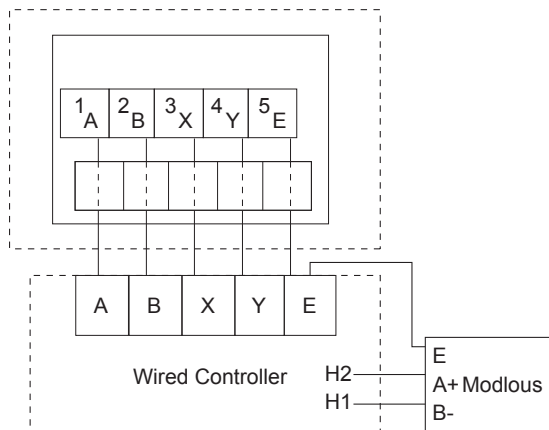
- 1) This installation manual contains information about the procedure of installing Wired Remote Controller. Please refer to Indoor Unit Installation Manual for connection between Wired Remote Controller and Indoor Unit.
- 2) Circuit of Wired Remote Controller is low voltage circuit. Never connect it with a standard 220V/380V circuit or put it into a same Wiring Tube with the circuit.
- 3) The shielded cable must be connected stable to the ground, or transmission may fail.
- 4) Do not attempt to extend the shielded cable by cutting, if it is necessary, use Terminal Connection Block to connect.
- 5) After finishing connection, do not use Megger to have the insulation check for the signal wire.

6.3 Installation procedure and matching setting of wired controller

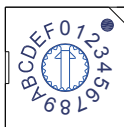
6.3.1 Structure size figure



6.3.2 Wiring



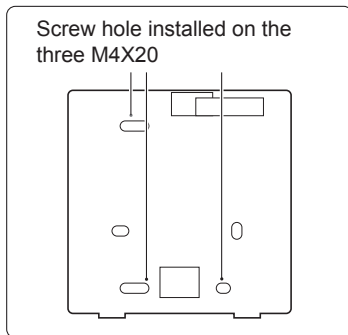
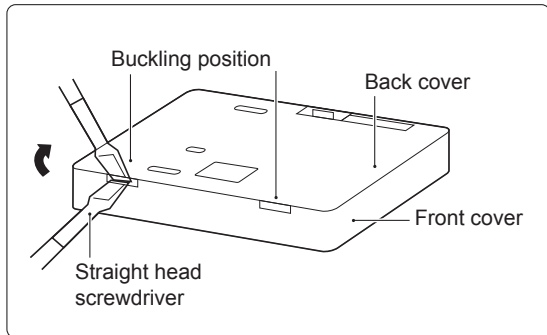
Input Voltage(A/B)	13.5VAC
Wiring size	0.75mm ²



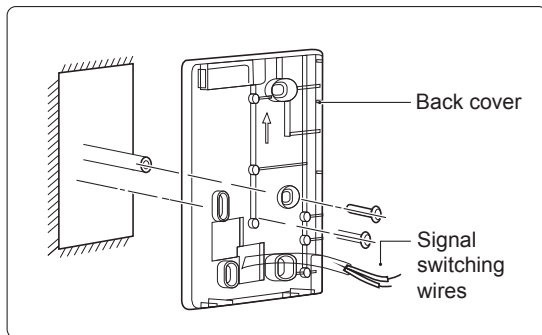
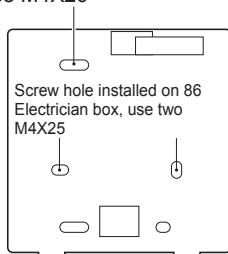
The rotating coded switch S3(0-F) on the main control board of hydraulic module is used for set the modbus address.

By default the units have this coded switch positioned=0, but this corresponds to the modbus address 16, while the others positions corresponds the number, e.g. pos=2 is address 2, pos=5 is address 5.

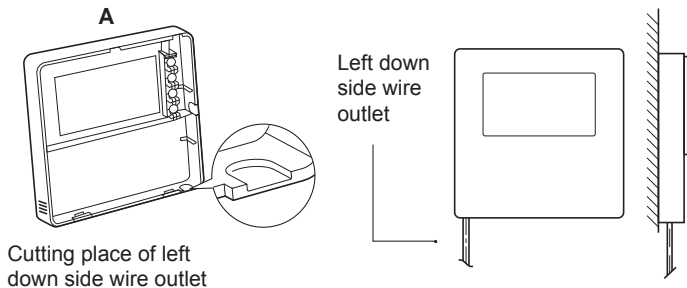
6.3.3 Back cover installation

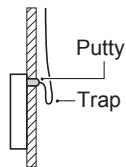
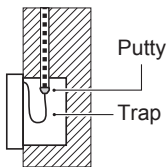
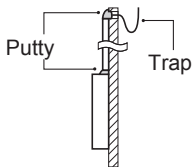
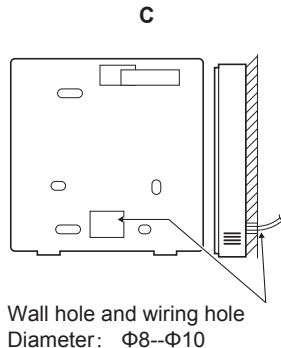
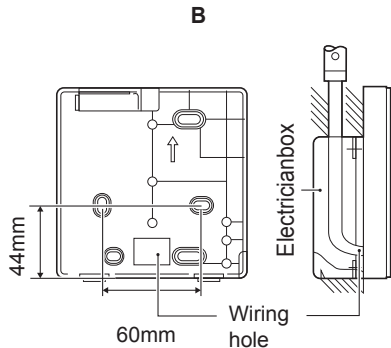


Screw hole installed on the
three M4X20



- 1) Use straight head screwdriver to insert in the buckling position in the bottom of wired controller, and spin the screwdriver to take down the back cover. (Pay attention to spinning direction, otherwise will damage the back cover!)
- 2) Use three M4X20 screws to directly install the back cover on the wall.
- 3) Use two M4X25 screws to install the back cover on the 86 electrician box, and use one M4X20 screws for fixing on the wall.
- 4) Adjust the length of two plastic screw bars in the accessory to be standard length from the electrical box screw bar to the wall. Make sure while installing the screw bar to the wall, making it as flat as the wall.
- 5) Use cross head screws to fix the wired controller bottom cover in the wall through the screw bar. Make sure the wired controller bottom cover is on the same level after installation, and then install the wired controller back to the bottom cover.
- 6) Over fastening the screw will lead to deformation of back cover.

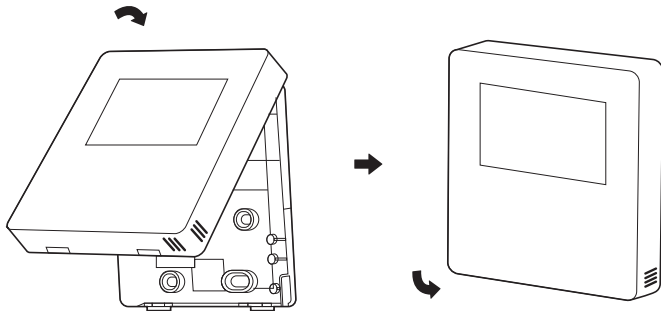




Avoid the water enter into the wired remote controller, use trap and putty to seal the connectors of wires during wiring installation.

6.4 Front cover installation

After adjusting the front cover and then buckle the front cover; avoid clamping the communication switching wire during installation.



Sensor can not be affected with damp.

Correct install the back cover and firmly buckle the front cover and back cover, otherwise will make the front cover drop off.



7 MODBUS MAPPING TABLE

7.1 Modbus Port Communication Specification

Port: RS-485; the wired controller XYE is the communication port for connecting with the hydraulic module. H1 and H2 are the Modbus communication ports.

Communication address: It is consistent with the DIP switch address of the hydraulic module.

Baud rate: 9600.

Number of digits: Eight

Verification: none

Stop Bit: 1 bit

Communication protocol: Modbus RTU (Modbus ASCII is not supported)

7.1.1 Mapping of registers in the wired controller

The following addresses can use 03H, 06H (write single register), 10H (write multiple register)

Register address	Description	Remarks	
0 (PLC:40001)	Power on or off.	BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT9	Reserved
		BIT8	Reserved
		BIT7	Reserved
		BIT6	Reserved
		BIT5	Reserved
		BIT4	Reserved
		BIT3	Reserved
		BIT2	0: DHW(T5S) power off; 1: DHW(T5S) power on
		BIT1	0: power off floor heating; 1: power on floor heating
BIT0	0: power off air conditioner; 1: power on air conditioner		

1 (PLC:40002)	Setting the mode	1: Auto; 2: Cool; 3: Heat; Others: Invalid	
2 (PLC:40003)	Setting water temperature T1s	Water temperature T1s is corresponding to the floor heating.	
3 (PLC:40004)	Setting air temperature Ts	The room temperature range is between 17°C and 30°C, and is valid when there is Ta.	
4 (PLC:40005)	T5s	The water tank temperature range is between 40°C and 60°C.	
5 (PLC:40006)	Function setting	BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	1: curve setting is enabled; 0: curve setting is disabled.
		BIT11	DHW pump's running constant-temperature water recycling
		BIT10	ECO mode
		BIT9	Reserved
		BIT8	Holiday home (the status can only be read, not changed)
		BIT7	0: Silent mode level1; 1: Silent mode level2
		BIT6:	Silent mode
		BIT5:	Holiday away (the status can only be read, but cannot be changed)
		BIT4:	Disinfect
BIT3:	Reserved		
BIT2:	Reserved		
BIT1:	Reserved		
BIT0:	Reserved		
6 (PLC:40007)	Curve selection	Curve 1-8	
7 (PLC:40008)	Forced water heating	0: Invalid 1: Forced on 2: Forced off	TBH is the electric water tank heater. IBH1 and 2 are the hydraulic module's rear electric heater. IBH1 and 2 can be activated together. TBH cannot be activated together with IBH1 and 2.
8 (PLC:40009)	Forced TBH		
9 (PLC:40010)	Forced IBH1		
10 (PLC:40011)	Forced IBH2		

In cooling mode, T1S low temp setting range is 5~25°C; T1S high temp setting range is 18~25°C.

In heating mode, T1S low temp setting range is 22~55°C; T1S high temp setting range is 35~60°C.

7.1.2 When the wired controller is connected to the hydraulic module, the parameters of the whole unit can be checked:

Whole unit parameter mapping address table

1) Running parameters

Register address	Description	Remarks
100 (PLC:40101)	Operating frequency	Compressor operating frequency in Hz
101 (PLC:40102)	Operating Mode	Whole unit's actual operating mode, 2: cooling, 3: heating, 0: off
102 (PLC:40103)	Fan Speed	Fan speed, in r/min
103 (PLC:40104)	PMV openness	Openness of the outdoor unit's electronic expansion valve in P
104 (PLC:40105)	Water inlet temperature	TW_in, in °C
105 (PLC:40106)	Water outlet temperature	TW_out, in °C
106 (PLC:40107)	T3 Temperature	Condenser temperature, in °C
107 (PLC:40108)	T4 Temperature	Outdoor ambient temperature in °C
108 (PLC:40109)	Discharge temperature	Compressor discharge temperature Tp in °C
109 (PLC:40110)	Return air temperature	Compressor air return temperature in °C
110 (PLC:40111)	T1	Total water outlet temperature in °C
111 (PLC:40112)	T1B	System total water outlet temperature (behind the auxiliary heater) °C
112 (PLC:40113)	T2	Refrigerant liquid side temperature in °C
113 (PLC:40114)	T2B	Refrigerant gas side temperature in °C
114 (PLC:40115)	Ta	Room temperature, in °C
115 (PLC:40116)	T5	Water tank temperature
116 (PLC:40117)	Pressure 1	Outdoor unit high pressure value, in kPA
117 (PLC:40118)	Pressure 2	Outdoor unit low pressure value, in kPA
118 (PLC:40119)	Outdoor unit current	Outdoor unit operating current, in A
119 (PLC:40120)	Outdoor unit voltage	Outdoor unit voltage in V
120 (PLC:40121)	Hydraulic module current 1	Hydraulic module current 1 in A
121 (PLC:40122)	Hydraulic module current 2	Hydraulic module current 2, in A
122 (PLC:40123)	Compressor operating time	Compressor operating time in hour
123 (PLC:40124)	Reserved	Reserved
124 (PLC:40125)	Current fault	Check the code table for detailed fault codes
125 (PLC:40126)	Fault 1	Check the code table for detailed fault codes.
126 (PLC:40127)	Fault 2	
127 (PLC:40128)	Fault 3	

128 (PLC:40129)	Status bit 1	BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT9	Reserved
		BIT8	Solar energy signal input
		BIT7	Room temperature controller cooling
		BIT6:	Room temperature controller heating
		BIT5:	Outdoor unit test mode mark
		BIT4:	Remote On/Off (1: d8)
		BIT3:	Oil return
		BIT2:	Anti-freezing
BIT1:	Defrosting		
BIT0:	Enforced water pump		
129 (PLC:40130)	Load output	BIT15	DEFROST
		BIT14	External heater
		BIT13	RUN
		BIT12	ALARM
		BIT11	Solar water pump
		BIT10	HEAT4
		BIT9	SV2
		BIT8	Mixed water pump P_c
		BIT7	Water return water P_d
		BIT6:	External water pump P_o
		BIT5:	Reserved
		BIT4:	SV1
		BIT3:	Water pump PUMP_I
		BIT2:	Electric heater TBH
BIT1:	Electric heater IBH2		
BIT0:	Electric heater IBH1		
130 (PLC:40131)	Whole unit version No.	1-99 is the whole unit's version number and refers to the hydraulic module's version number.	
131 (PLC:40132)	Wired controller version No.	1-99 is the wired controller's version number.	

2) Parameter setting

Register address	Description	Remarks	
200 (PLC:40201)	Home appliance type	The upper 8 bit is the home appliance type: Central heating: 0x07	
201 (PLC: 40202)	Temperature upper limit of T1S cooling		
202 (PLC: 40203)	Temperature lower limit of T1S cooling		
203 (PLC: 40204)	Temperature upper limit of T1S heating		
204 (PLC: 40205)	Temperature lower limit of T1S heating		
205 (PLC: 40206)	Temperature upper limit of TS setting		
206 (PLC: 40207)	Temperature lower limit of TS setting		
207 (PLC: 40208)	Temperature upper limit of water heating		
208 (PLC: 40209)	Temperature lower limit of water heating		
209 (PLC: 40210)	PUMP RUNNING TIME	DHW PUMP water return running time. It is five minutes by default and can be adjusted between 5 and 120 min at an interval of 1 min.	
210 (PLC: 40211)	Parameter setting 1	BIT15	Enable water heating
		BIT14	Supports water tank electric heater TBH
		BIT13	Supports disinfection
		BIT12	DHW PUMP, 1: supported; 0: not supported
		BIT11	Reserved
		BIT10	DHW pump supports Pipe Disinfect
		BIT9	Enable cooling
		BIT8	T1S cooling high/low temperature settings
		BIT7	Enable heating
		BIT6:	T1S heating high/low temperature settings
		BIT5:	Supports T1 sensor
		BIT4:	Supports room temperature Sensor Ta
		BIT3:	Supports room thermostat
		BIT2:	Room thermostat
		BIT1:	Dual Room Thermostat, 0: not supported; 1: supported
BIT0:	0: room cooling/heating first, 1: water heating first		

211 (PLC:40212)	Parameter setting 2	BIT15	Supports backup heater (IBH)
		BIT14	IBH supports heating
		BIT13	IBH supports water heating
		BIT12	Supports AHS
		BIT11	AHS supports heating
		BIT10	AHS supports water heating
		BIT9	Supports solar energy module
		BIT8	Reserved
		BIT7	Reserved
		BIT6:	Reserved
		BIT5:	Reserved
		BIT4:	Reserved
		BIT3:	Reserved
		BIT2:	Reserved
		BIT1:	Reserved
BIT0:	Reserved		
212 (PLC: 40213)	dT5_On	Default setting: 5°C, range: 2~10°C, setting interval: 1°C	
213 (PLC: 40214)	dT1S5	Default setting: 10°C, range: 5~20°C, setting interval: 1°C	
214 (PLC: 40215)	T_Interval_DHW	Default setting: 5 min, range: 5~30 min, setting interval: 1 min	
215 (PLC: 40216)	T4DHWmax	Default setting: 43°C, range: 35~43°C, setting interval: 1°C	
216 (PLC: 40217)	T4DHWmin	Default setting: -10°C, range: -25~5°C, setting interval: 1°C	
217 (PLC: 40218)	t_TBH_delay	Default setting: 90 min, range: 0~240 min, setting interval: 5 min	
218 (PLC: 40219)	dT5_TBH_off	Default setting: 5°C, range: 0~10°C, setting interval: 1°C	
219 (PLC: 40220)	T4_TBH_on	Default setting: 5°C, range: -5~20°C, setting interval: 1°C	
220 (PLC: 40221)	T5s_DI	Temperature of the disinfection water tank, range: 60~70°C, default setting: 65°C	

221 (PLC: 40222)	t_DI_max	Maximum disinfection duration, range: 90~300 min, default setting: 210 min
222 (PLC: 40223)	t_DI_hightemp	Disinfection high temperature duration, range: 5~60 min, default setting: 15 min
223 (PLC: 40224)	t_interval_C	Time interval of compressor start-up in cooling mode; range: 5~30 min, default setting: 5 min
224 (PLC: 40225)	dT1SC	Default setting: 5°C, range: 2~10°C, setting interval: 1°C
225 (PLC: 40226)	dTSC	Default setting: 2°C, range: 1~10°C, setting interval: 1°C
226 (PLC: 40227)	T4cmax	Default setting: 43°C, range: 35~46°C, setting interval: 1°C
227 (PLC: 40228)	T4cmin	Default setting: 10°C, range: -5~25°C, setting interval: 1°C
228 (PLC: 40229)	t_interval_H	Time interval of compressor start-up in the heating mode; range: 5~60 min, default setting: 5 min
229 (PLC: 40230)	dT1SH	Default setting: 5°C, range: 2~10°C, setting interval: 1°C
230 (PLC: 40231)	dTSH	Default setting: 2°C, range: 1~10°C, setting interval: 1°C
231 (PLC: 40232)	T4hmax	Default setting: 25°C, range: 20~35°C, setting interval: 1°C
232 (PLC: 40233)	T4hmin	Default setting: -15°C, range: -25~5°C, setting interval: 1°C
233 (PLC: 40234)	T4_IBH_on	Ambient temperature for enabling the hydraulic module auxiliary electric heating IBH, range: -15~10°C; default setting: -5°C
234 (PLC: 40235)	dT1_IBH_on	Temperature return difference for enabling the hydraulic module auxiliary electric heating IBH, range: 2~10°C; default setting: 5°C
235 (PLC: 40236)	t_IBH_delay	Delay time of enabling the hydraulic module auxiliary electric heating IBH, range: 15~120 min; default setting: 30 min
236 (PLC: 40237)	t_IBH12_delay	When IBH1 is enabled, the default time for enabling IBH2, range: 5~30 min, default setting: 5 min
237 (PLC: 40238)	T4_AHS_on	Ambient temperature for enabling the external heater AHS, range: -15~10°C, setting interval: -5°C
238 (PLC: 40239)	dT1_AHS_on	Temperature return difference for enabling the external heater AHS, range: 2~10°C; default setting: 5°C
239 (PLC: 40240)	dT1_AHS_off	Temperature return difference for closing the external heater AHS, range: -5~0°C; default setting: 0°C
240 (PLC: 40241)	t_AHS_delay	Delay time for enabling the external heater AHS, range: 5~120 min; default setting: 30 min

241 (PLC: 40242)	t_DHWHP_max	Longest duration of water heating by the heat pump, range: 10~600 min, default setting: 120 min;
242 (PLC: 40243)	t_DHWHP_restrict	Duration of limited water heating by the heat pump, range: 10~600 min, default setting: 30 min;
243 (PLC: 40244)	T4autocmin	Default setting: 25°C, range: 20~29°C, setting interval: 1°C
244 (PLC: 40245)	T4autohmax	Default setting: 17°C, range: 10~17°C, setting interval: 1°C
245 (PLC: 40246)	T1S_H_A_H	In the holiday mode, setting of T1 in the heating mode, range: 20~25°C, default setting: 25°C
246 (PLC: 40247)	T5S_H_A_DHW	In the holiday mode, setting of T1 in the water heating mode, range: 20~25°C, default setting: 25°C
247 (PLC: 40248)	ECO parameter	Reserved, wrong address is reported when this register is queried
248 (PLC: 40249)	ECO parameter	Reserved, wrong address is reported when this register is queried
249 (PLC: 40250)	ECO parameter	Reserved, wrong address is reported when this register is queried
250 (P L C:40251)	ECO parameter	Reserved, wrong address is reported when this register is queried
251 (PLC: 40252)	Comfort parameter	Reserved, wrong address is reported when this register is queried
252 (P L C:40253)	Comfort parameter	Reserved, wrong address is reported when this register is queried
253 (PLC: 40254)	Comfort parameter	Reserved, wrong address is reported when this register is queried
254 (P L C:40255)	Comfort parameter	Reserved, wrong address is reported when this register is queried
255 (PLC: 40256)	t_DRYUP	Temperature rise day number, range: 4~15 days, default setting: 8 days
256 (PLC: 40257)	t_HIGHPEAK	Drying day number, range: 3~7 days, default setting: 5 days
257 (PLC: 40258)	t_DRYD	Temperature drop day number, range: 4~15 days, default setting: 5 days
258 (PLC: 40259)	T_DRYPEAK	Highest drying temperature, range: 30~55°C, default setting: 45°C
259 (PLC: 40260)	t_firstFH	Running time of floor heating for the first time, default setting: 72 hrs, range: 48-96 hrs
260 (PLC: 40261)	T1S (first floor heating)	T1S of floor heating for the first time, range: 25~35°C, default setting: 25°C

Airwell

