# Installation manual of the remote control for heat pump water heater

PJZ012D103

This installation manual describes the installation methods and precautions related to the remote control.
Use this manual together with the user's manuals for the heat pump unit and other optional equipment.
Please read this manual carefully before starting the installation work to install the unit properly.

1. Safety precautions

● Please read this manual carefully before the installation work to install the unit properly.
  Every one of the following instructions is important to be observed strictly.

  ⚠WARNING Failure to follow these instructions may result in serious consequences such as death, severe injury, etc.

  ⚠CAUTION Failure to follow these instructions may cause personal injury or property damage. It could have serious consequences depending on the circumstances.

● The pictograms used in the text have following meanings.

  🚫 Never do. ❶ Always follow the instructions given.

● Keep this manual at a safe place where you can consult with whenever necessary.
  Show this manual to a installer when moving or repairing the unit.
  When the ownership of this unit is transferred, this "Installation Manual" should be given to a new owner.
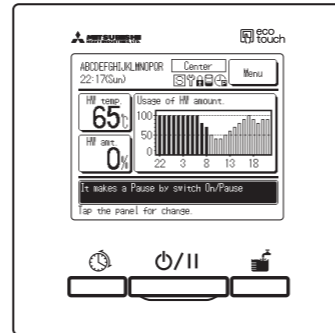
⚠ WARNING

● The appliance shall be installed in accordance with national wiring regulations.	🚫
● Ask a professional contractor to carry out the installation work according to the installation manual. Improper installation work may result in electric shocks, fire or break-down.	🚫
● Shut off the main power before starting electrical work. Otherwise, it could result in electric shocks, break-down or malfunction.	❶
● Do not install the unit in inappropriate environment or where inflammable gas could generate, flow in, accumulate or leak. If the unit is used at places where air contains dense oil mist, steam, organic solvent vapor, corrosive gas (ammonium, sulfuric compound, acid, etc) or where acidic or alkaline solution, special spray, etc are used, It could cause electric shocks, break-down, smoke or fire as a result of significant deterioration of its performance or corrosion.	🚫
● Do not install the unit where water vapor is generated excessively or condensation occurs. It could cause electric shocks, fire or break-down.	🚫
● Use the specified cables for wiring, and connect them securely with care to protect electronic parts from external force. Improper connections or fixing could cause heat generation, fire, etc.	❶
● Seal the inlet hole for remote control cable with putty. If moisture, water, insect, etc. enters through the hole, it could cause electric shocks, fire or break-down.	🚫
● When installing the unit at a hospital, telecommunication facility, etc., take measures to suppress noises. It could cause malfunction or break-down due to hazardous effects on the inverter, in-house power generator, high frequency medical equipment, etc. The influences transmitted from the remote control to medical or communication equipment could disrupt medical activities, video broadcasting or cause noise interference.	❶

⚠ CAUTION

● Do not install the remote control at following places. It could cause break-down or deformation of remote control. (1) Where it is exposed to direct sunlight (2) Near the equipment to generate heat (3) Where the surface is not flat.	❶
● Do not leave the remote control with its upper case removed. When the upper case is removed, put it in a packing box or packing bag to protect PCBs or other parts inside of it from dust, moisture, etc.	❶
● The appliance is not to be used by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.	❶
● Children shall be supervised not to play with appliance.	❶

2. Accessories & parts prepared at site

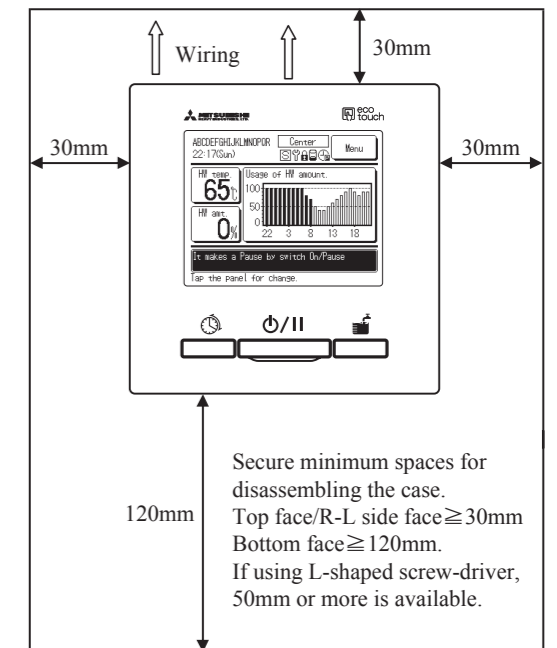| Accessories	Remote control main unit, wood screw (φ 3.5 x 16) 2pcs, User's Manual, Installation Manual (in CD-R)

Parts prepared on site

Item name	Q'ty	Remarks
Switch box For 1 piece or 2 pieces (JISC8340)	1pc	There are not necessary when installing R/C directly on a wall
Thin steel conduit tube (JIS C8305)	As required	
Lock nut, bushing (JIS C8330)	As required	
Cable cover	As required	Necessary to run R/C cable on the wall
Putty	Suitably	For sealing gaps
Molly anchor	As required	
R/C cable (0.3mm^2 x 2-core) shielding wire (MVVS)	As required	Be sure to ground both ends. See right table when longer than 100m

The max size for the wires used in the R/C case is 0.5mm^2.
Therefore when the cable length is longer than 100m, connect the wires from R/C to larger size ones near the outside of R/C.
When wires are connected, take measure to prevent water, etc from entering inside of connected part.

|	
＜200m	0.5mm^2 x 2-core shielding wire (MVVS)
＜300m	0.75mm^2 x 2-core shielding wire (MVVS)
＜400m	1.25mm^2 x 2-core shielding wire (MVVS)
＜600m	2.0mm^2 x 2-core shielding wire (MVVS)

3. Installation place

Installing method [With using a switch box]
　　　　　　　　　　[Installed directly on a wall]
Wiring direction　 [Backward]
　　　　　　　　　　[Upper center] or [Upper left]

Cautions for selecting installation place
(1) Installation surface must be flat and sufficiently strong.
　　R/C case must not be deformed.

Wiring
30mm
30mm
30mm
120mm

Secure minimum spaces for disassembling the case.
Top face/R-L side face≧30mm
Bottom face≧120mm.
If using L-shaped screw-driver, 50mm or more is available.

Request
　Do not install the R/C at a place where it is exposed to direct sunlight or surrounding air temp exceeds 40℃ or drop below 0℃.
　It could cause discoloration, deformation, malfunction or break-down.

Dimensions (View from front side)
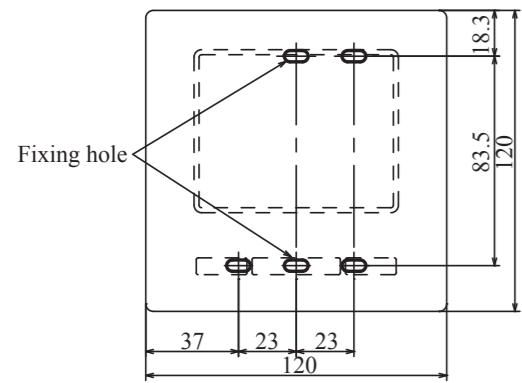
PCB side (View from rear side)

Fixing hole

18.3

83.5
120

37 23 23
120

19

Sensor   Terminal
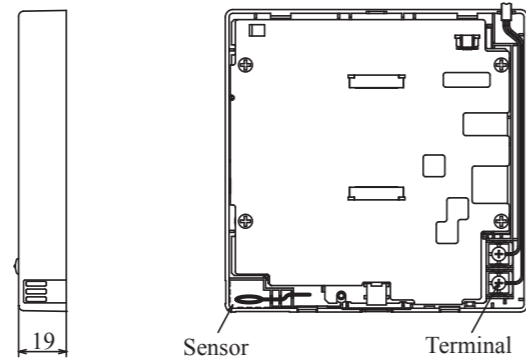
① To remove the upper case from the bottom case of R/C
   • Insert the tip of a flat head screwdriver or the like in the recess at the lower part of R/C and twist it lightly to remove

Take care to protect the removed upper case from moisture or dust ❗

② Connect the wires from X and Y terminals of R/C to X and Y terminals of heat pump unit.
   There is no polarity of R/C wiring (X and Y) .

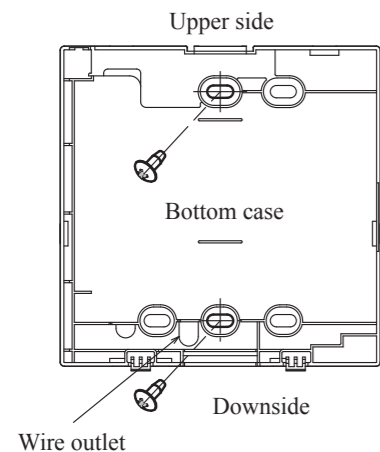In case of embedding wiring (When the wiring is retrieved backward)

③ Embed the switch box and the R/C wires beforehand.

   Seal the inlet hole for the R/C wiring with putty.

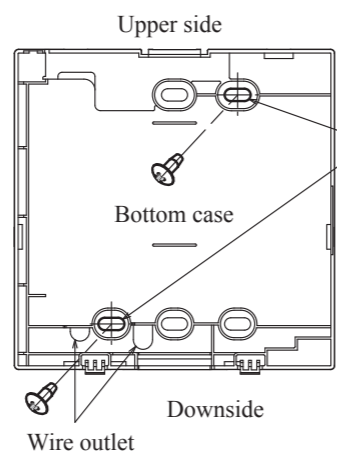● If dust or insect enters, it could cause electric shocks, fire or break-down. ❗

Wall

Conduit

Locknut

Switch box

Bushing

Seal with putty

50
8

200

R/C cable
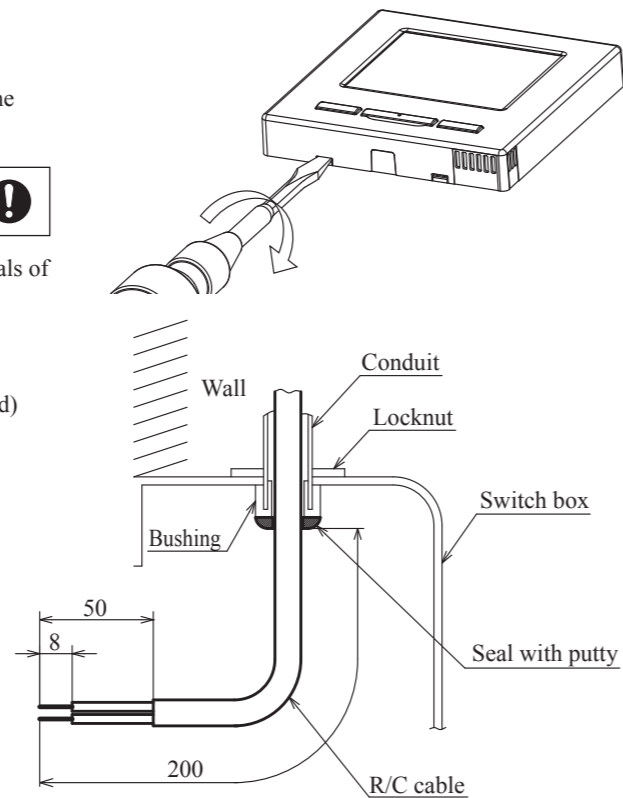
④ When wires are passed through the bottom case, fix the bottom case on the switch box at 2 places.

Switch box for 1

Upper side

Bottom case

Downside

Wire outlet

Switch box for 2

Upper side

Bottom case

Downside

Wire outlet

Cut out the thin wall part at the screw mounting section with a knife or the like before tightening the screw.

⑤ When fixing the bottom case diagonally at 2 places, cut out the thin wall part of the case.
⑥ Fix wires such that they will run around the terminal screws on the upper case of R/C.
⑦ Install the upper case with care not to pinch wires of R/C.
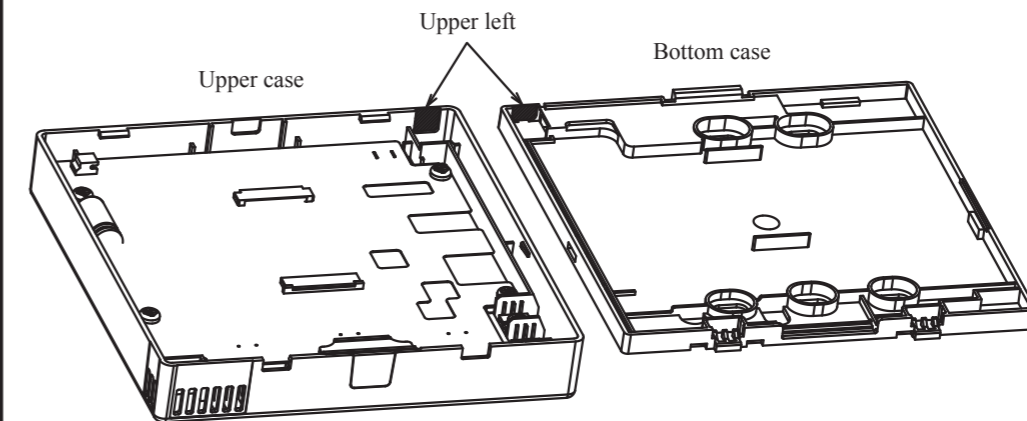
Wiring hole on the bottom case
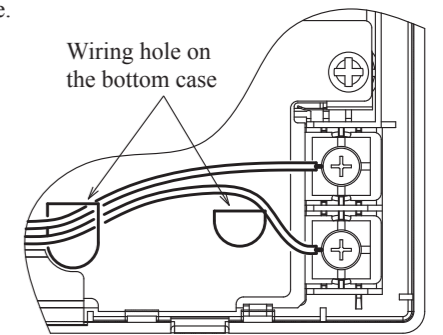
In case of exposing wiring (When the wiring is taken out from the "upper center" or "upper left" of R/C)
③ Cut out the thin wall parts of the cases for the hole size to fit to the wire size.
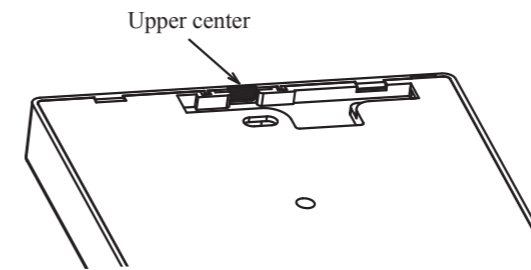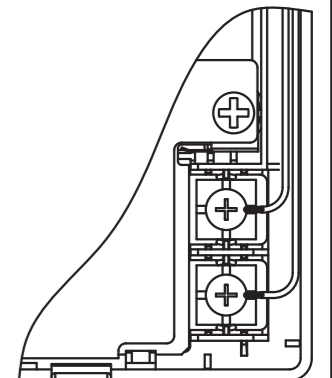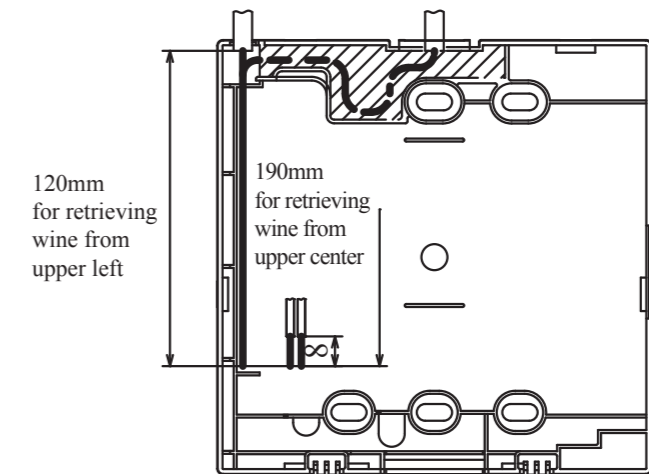
Upper center

When taking the wiring out from the upper center, open a hole before separating the upper and bottom cases. This will reduce risk of damaging the PCB and facilitate subsequent work.

When taking the wiring out from the upper left, take care not to damage the PCB and not to leave any chips inside.

Upper left

Upper case

Bottom case

If the hole is cut too large, moisture, dust or insects may enter.
Seal gaps with putty or the like. ❗

④ Fix the bottom case on a flat surface with wood screws
⑤ In case of the upper center, pass the wiring behind the bottom case (hatched section)
⑥ Fix wires such that the wires will run around the terminal screw of the upper case of R/C
⑦ Install the upper case with care not to pinch wires of R/C

120mm for retrieving wine from upper left
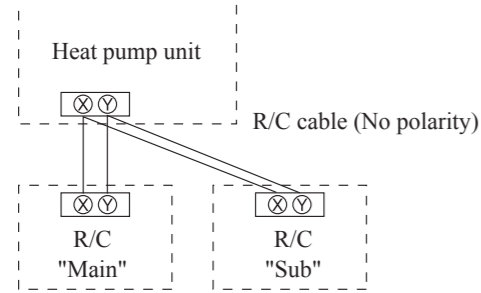
190mm for retrieving wine from upper center

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5. Main/Sub setting when more than one remote controls are used.

Up to two units of R/C can be used at the maximum for one heat pump unit or one group

One is main R/C and the other is sub R/C.

Operation range is different depending on the main or sub R/C

Heat pump unit

R/C cable (No polarity)

R/C "Main"   R/C "Sub"

Set the "Main" and "Sub" with same procedure as shown in Section 6

| R/C function	Main	Sub
Run/Pause	○	○
Setting of hot water temp	○	-
Setting of hot water amount	○	-
Usage of hot water amount	○	○
Schedule setting	○	-
Operation to fill up	○	○
Test run	○	-
Error history display	○	○
R/C function setting	○	-

Note: Initializing of password

Administrator password (for daily setting items) and service password (for installation, test run and maintenance) are used

○ Default setting of Administrator password is "0000". This setting can be changed (Refer to the Instruction Manual).

If the administrator password is forgotten, it can be initialized by pressing [Schedule setting] switch and [Operation to fill up] switch on the administrator password input screen simultaneously for 5 seconds

○ Service password is "9999", which cannot be changed.

When inputting the administrator password, the service password is also acceptable.
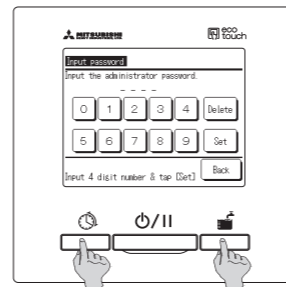
Note: Test run

When starting operation of the heat pump unit for the first time, [Water pump test run] and [Primary setting of operation] shall be done in advance.

Regarding the way for test run, please refer to the item [7. installation setting and test run] in this manual.

6. Power supply and initial setting

Set the main and sub R/C according to the display at the power on

(1) If the main and sub are not set yet, [Select Main/sub set input] screen is displayed. (Screen ②)

When tapping the [Main] or [Sub] button, the initial setting starts.

If wrong button is tapped by mistake, it is available to change the setting after completion of the initial setting.
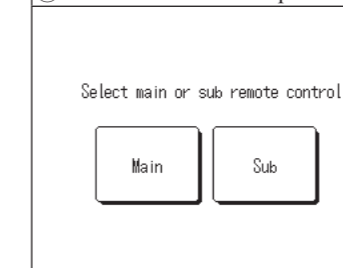
(2) If the main and sub have been set already, [Set continue acknowledge] screen is displayed. (Screen ⑧)

(3) When using 2 sets of R/C, if the first one is set for the main, the other is set for the sub automatically.

① Start screen

Version: WEXR-1.04
ProgramID AFH

② Select Main/sub set input

Select main or sub remote control
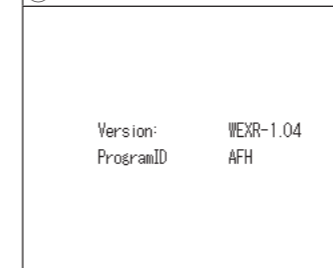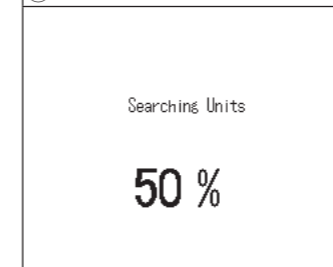
Main   Sub

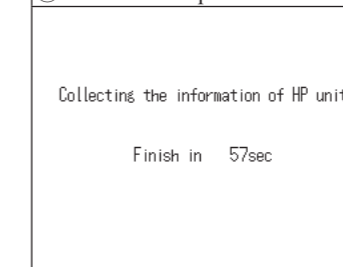[Main] ⇒③⇒④⇒⑤⇒⑥⇒⑦
[Sub] ⇒⑩⇒⑤⇒⑥⇒⑦

Caution

If only one set of R/C, tap [Main] button. in the state of initial setting, it will keep on waiting till either one of the buttons is selected.

If two sets of R/Cs are used, when either one of them is tapped, the setting starts.
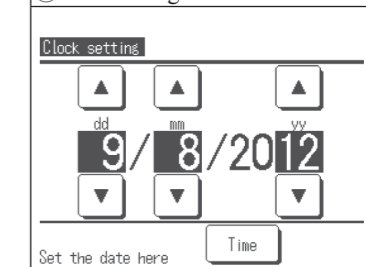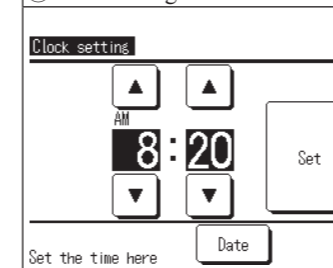
③ HP U search on

Searching Units

50 %

④ HP U info acquisition on

Collecting the information of HP unit

Finish in 57sec

⑤ Date setting

Clock setting

dd / mm / yy
9 / 8 / 2012

Set the date here   Time

∗HP U: Heat pump unit

⑥ Time setting

Clock setting

AM
8:20   Set

Set the time here   Date

⑦ TOP screen

UNIT01
PM10:10(Wed)   Center   Menu

HW temp.   Usage of HW amount.
90℃   100
HW amt.   50
80%   0
22 3 8 13 18

It is in operation by standby

Tap the panel for change.
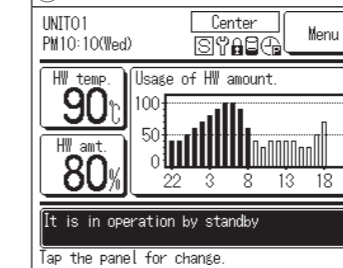
Caution

⑤ date setting and ⑥ time setting are necessary also for the sub R/C.

Set these for both the main and the sub R/C.

The mode of operation at the power on is [Pause].

(In Pause, the operation to top up does not start)

⑧ Set continue acknowledge

Do you want to save up the previous settings of R/C before power ON?

Yes   No
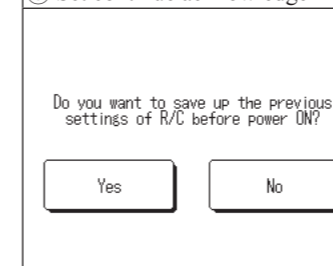
[Yes] Continue ⇒⑩⇒⑤⇒⑥⇒⑦
[No] Change ⇒⑨

If the screen is not tapped for 15seconds or more, [Yes] (Continue) is selected and the display changes to the screen ⑤

⑨ Initialize acknowledge

Do you want to restore default R/C setting?

Yes   No

[Yes] ⇒①⇒②
[No] ⇒⑧

If initializing, it restore to the factory default

⑩ Initialize set on

R/C is initializing.

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[TOP screen] ⇒ [Menu] ⇒ [Installation setting]

① TOP screen

UNIT01
PM10:10(Wed) Center Menu

HW temp. **90**℃
HW amt. **80**%

Usage of HW amount.
100
50
0
22 3 8 13 18

It is in operation by standby
Tap the panel for change.
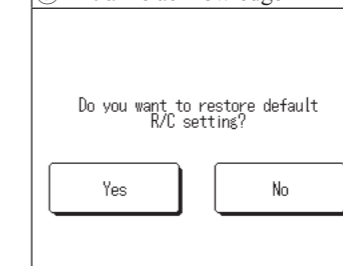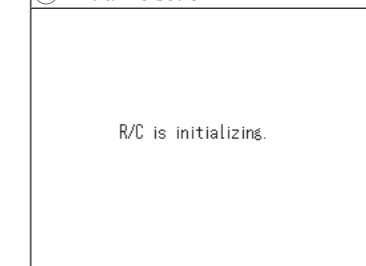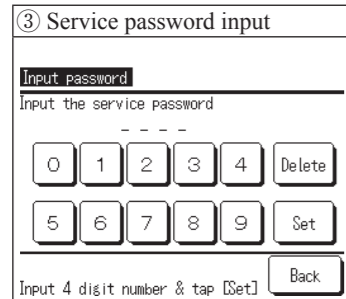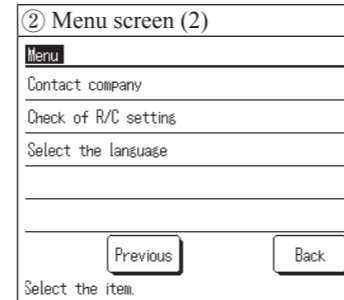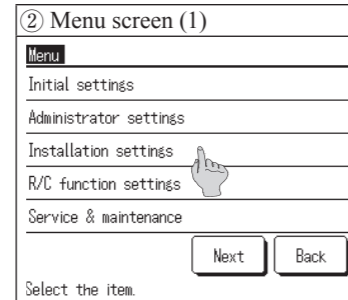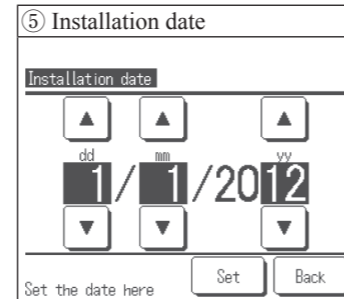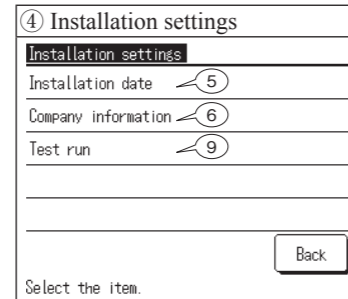
② Menu screen (1)

Menu
Initial settings
Administrator settings
Installation settings 👆
R/C function settings
Service & maintenance

Next Back
Select the item.

② Menu screen (2)

Menu
Contact company
Check of R/C setting
Select the language

Previous Back
Select the item.

③ Service password input

Input password
Input the service password
- - - -

0 1 2 3 4 Delete
5 6 7 8 9 Set
Set

Input 4 digit number & tap [Set] Back

Service password is "9999".

④ Installation settings

Installation settings
Installation date ⑤
Company information ⑥
Test run ⑨

Back
Select the item.

⑤ Installation date

Installation date

▲ ▲ ▲
dd mm yy
1 / **1** /20**12**
▼ ▼ ▼

Set the date here Set Back

Set with [▲] [▼] buttons.
Tap Set to save.

⑥ Company information

Company information
Company ⑦
Phone No. ⑧

Back
Select the item.
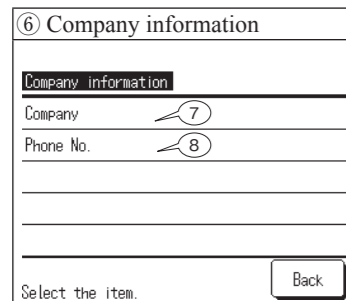
Set the Contact for the customer to
ask servicing

⑦ Enter the contact

Company Set
「MITSUBISHI 」
Alphabet Number

A B C D E F G H I
J K L M N O P Q R
Delete Next Back
Input the name and tap [Set].
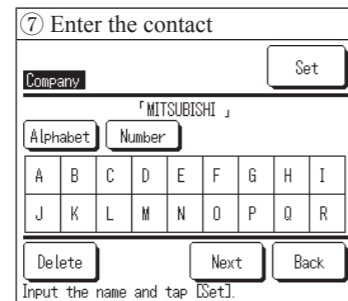
Enter the company name with up to
5x 2-byte letters (10x 1-byte letters)
Tap Set to save.

⑧ Enter the Phone No. of the contact

Phone No.

0 0 0 - 0 0 0 - 0 0 0 0 _ -

0 1 2 3 4 Delete
5 6 7 8 9 Set

Back
Input Telephone No.
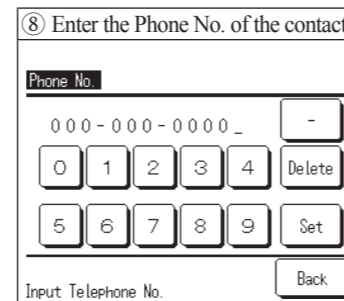
Enter the contact phone No. with up
to 13x 1-byte letters
Tap Set to save.

⑨ Test run

Test run
Primary setting of operation ⑪
Water pump test run ⑩
Compressor Hz fixed operation

Back
Select the item.

Move to the screen of a selected menu

⑩ Water pump test run

Water pump test run

Start

When tapping [Start], test run starts.
By pushing [On/Pause] button, water pump
Test run will finish.
Back
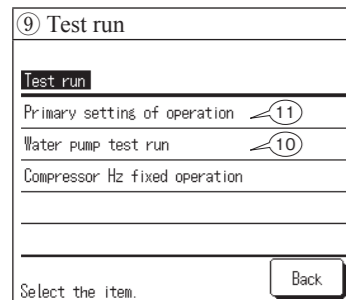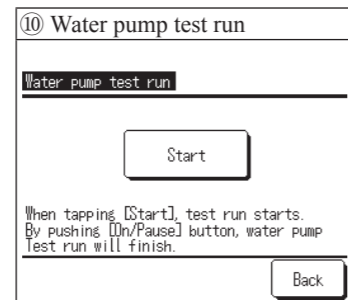
After feeding water, please start [Water
pump test run] and purge air.

⑪ Primary setting of operation

Primary setting of operation

Start

Tap [Start] makes primary operation start
After 120 minutes, or by touching <On/Pa
use> button, the primary operation ends
Back
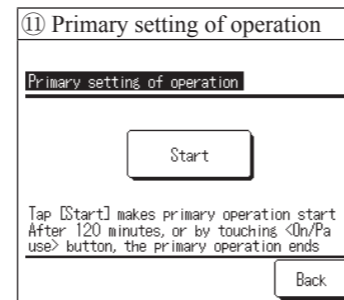
After end of [Water pump test run],
please start [Primary setting of operation]
Please refer to next page for detail

Test run procedure   ∗ When operating the unit initially, [Water pump test run] and [Primary setting of operation] is required.

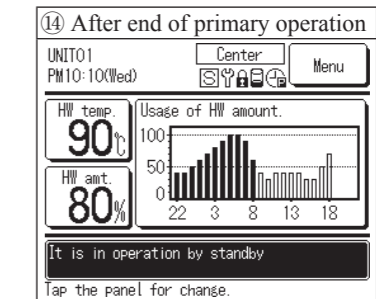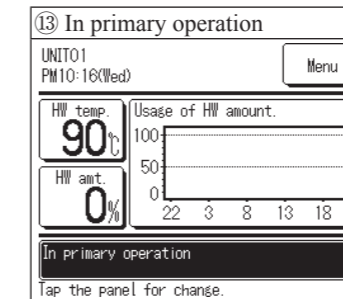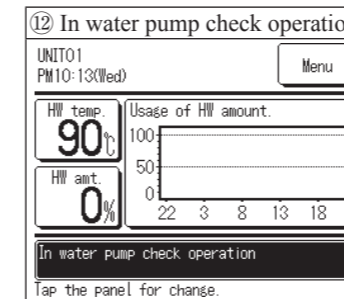(1) Please prepare for the test run according to instruction described on the installation manual of the heat pump unit.

(2) Tap the Start button on the [⑩ Water pump test run] screen of item 7 [Installation settings and Test run].
Information
[Water pump test run] can be implemented with the Dip SW of the heat pump unit as well.
Please refer to the installation manual of the heat pump unit for detail.

(3) Return to the TOP screen. When the [Water pump test run] starts, the message of "In water pump check operation" is displayed. (Screen⑫)
Please purge air, and then open the drain valve and relief valve for the cylinder and check the water drain offFF continuously.
(If gurgling sound is heard or the drain is drawn offFF intermittently, purging air is not completed.)

(4) After the end of the [Water pump test run], please stop the water pump.
When pushing the Run/Pause switch, the [Water pump test run] is stopped.

(5) Tap the [Start] button on the [⑪ Primary setting of operation] screen of item 7 [Installation settings and Test run].
Information
[Primary setting of operation] can be implemented with the Dip SW of the heat pump unit as well.
Please refer to the installation manual of the heat pump unit for detail.

(6) Return to the TOP screen. When the [Primary setting of operation] starts, the message of "In Primary operation" is displayed. (Screen⑬)
The actual hot water temperature during primary operation is diffFFerent from the displayed hot water temperature on the TOP screen,
because the heat pump unit is operated by changing hot water temperature during primary operation.

(7) After the end of the [Primary setting of operation], The heat pump unit is paused and the message "In primary operation" is
disappeared and the message of "It is in operation by standby" is displayed. (Screen⑭)
If starting the operation to top up, pushing the Run/Pause switch.
However, if the primary operation does not completed within 120 minutes or this operation is stopped forcibly by pushing
Run/Pause switch before completion, this operation ends and the heat pump unit pauses.
Please restart [Primary setting of operation] from the procedure (5).

⑫ In water pump check operation

UNIT01
PM10:13(Wed) Menu

HW temp. **90**℃
HW amt. **0**%

Usage of HW amount.
100
50
0
22 3 8 13 18

In water pump check operation
Tap the panel for change.

⑬ In primary operation

UNIT01
PM10:16(Wed) Menu

HW temp. **90**℃
HW amt. **0**%

Usage of HW amount.
100
50
0
22 3 8 13 18

In primary operation
Tap the panel for change.

⑭ After end of primary operation

UNIT01
PM10:10(Wed) Center Menu

HW temp. **90**℃
HW amt. **80**%

Usage of HW amount.
100
50
0
22 3 8 13 18

It is in operation by standby
Tap the panel for change.

(8) After end of [Primary setting of operation], please clean up strainers in the water circuit.
After finishing the cleaning of strainers, please check no leakage in the system and purge air again.

Caution
• Because of the risk for the heat pump unit to have failure, after the completion of the [Water pump test run] and
[Primary setting of operation], please start operation to top up.

• After the completion of the [Primary setting of operation], it does not start operation to top up, because the heat pump
unit is pausing.
In case of staring operation, please push Run/Pause switch.
• Despite pausing, the water pump and compressor may start operation for preventing water in the water pipe from
freezing.

8. User environment (Simplified setting for operation pattern)

This heat pump unit is operated to top up hot water according to the target hot water amount set at each time zone.
By selecting the operation pattern for the typical business type which is similar to your actual usage pattern of hot water, you can set the operation pattern easily.

Setting method

(1) [② Menu] ⇒ [③ Administrator password (Service password "9999"] ⇒ [④ Admin settings] ⇒ [⑤ User environment]
And then select the business model, and tap Yes on the [⑥ User Environment acknowledge] screen

① TOP screen

UNIT01
PM10:10(Wed)
HW temp. **90**℃
Usage of HW amount.
100
50
0
22 3 8 13 18
HW amt. **80**%
It is in operation by standby
Tap the panel for change.

② Menu screen (1)

Menu
Initial settings
Administrator settings
Installation settings
R/C function settings
Service & maintenance
Next   Back
Select the item.

② Menu screen (2)

Menu
Contact company
Check of R/C setting
Select the language
Previous   Back
Select the item.

③ Administrator password input

Input password
Input the administrator password.
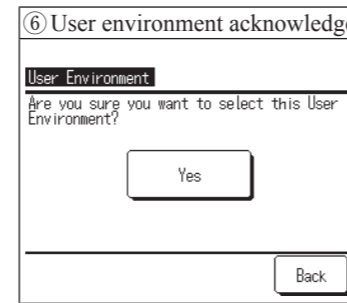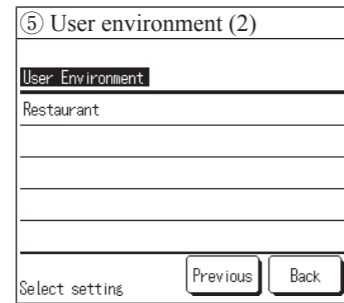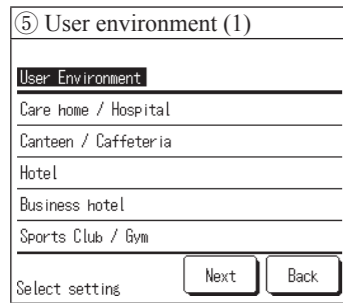- - - -
0 1 2 3 4 Delete
5 6 7 8 9 Set
Input 4 digit number & tap [Set]   Back

Factory default: "0000"
Service password "9999" is also acceptable.

④ Administrator settings (1)

Administrator settings
Enable/Disable setting
Night tariff setting
HP Unit selection
R/C display setting
Step size of HW temp
Next   Back
Select the item.

④ Administrator settings (2)

Administrator settings
User Environment
Change administrator password
Operation lamp setting
Upper limit setting of HW temp
Open tank information
Previous   Back
Select the item.

⑤ User environment (1)

User Environment
Care home / Hospital
Canteen / Caffeteria
Hotel
Business hotel
Sports Club / Gym
Next   Back
Select setting

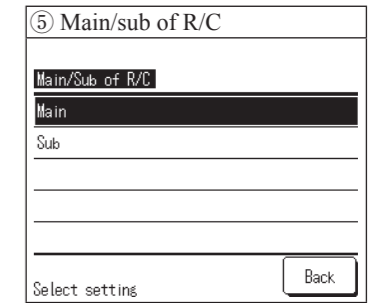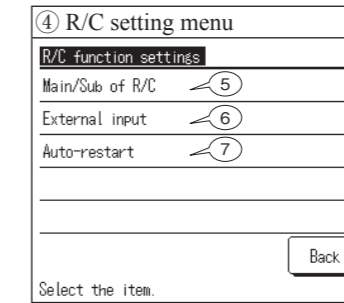By selecting the business type whose operation pattern is similar to yours, the operation pattern can be set easily.

⑤ User environment (2)

User Environment
Restaurant
Previous   Back
Select setting

⑥ User environment acknowledge

User Environment
Are you sure you want to select this User Environment?
Yes
Back

When tapping Yes, the operation pattern is overwritten by the selected one.
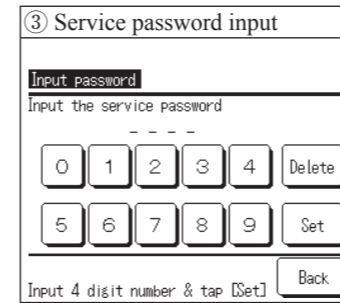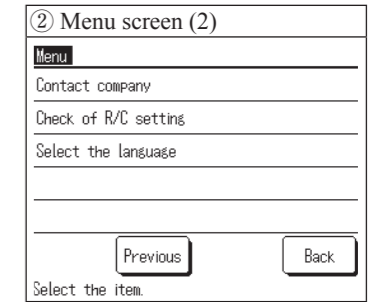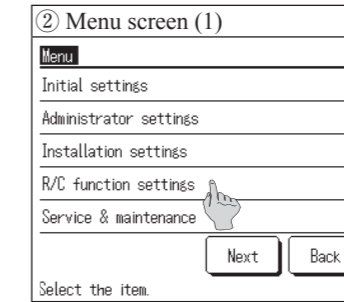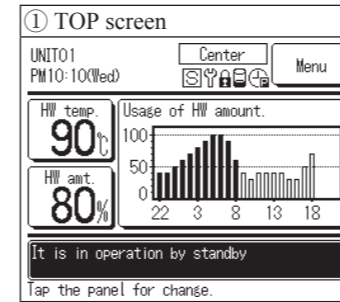Refer to followings for details

(2) To edit the operation pattern set by [User environment], please edit it by following procedure.
Push the Schedule setting switch on the panel ⇒ [Setting of weekly operation pattern]
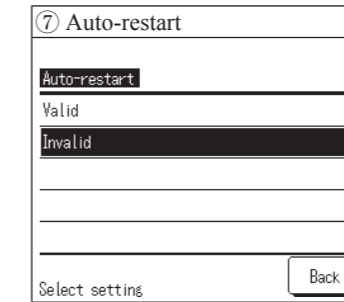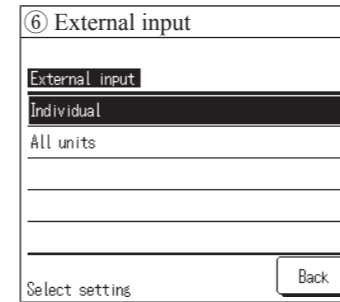
Target water level for the business model

Time	Default value	Care home/ hospital	Canteen/ caffeteria	Restaurant	Hotel	Business hotel	Sports Club/ gym
22:00	100%	60%	60%	60%	40%	40%	40%
0:00	100%	100%	100%	100%	100%	100%	100%
4:00	100%	100%	100%	100%	100%	100%	100%
8:00	30%	80%	80%	80%	80%	40%	100%
10:00	30%	50%	60%	80%	70%	40%	80%
13:00	30%	30%	40%	60%	60%	100%	60%
16:00	30%	30%	20%	40%	50%	100%	40%
19:00	30%	30%	20%	30%	40%	40%	30%

9. R/C function settings

[TOP screen] ⇒ [Menu] ⇒ [R/C function settings]

① TOP screen

UNIT01
PM10:10(Wed)
Center   Menu
HW temp. **90**℃
Usage of HW amount.
100
50
0
22 3 8 13 18
HW amt. **80**%
It is in operation by standby
Tap the panel for change.

② Menu screen (1)

Menu
Initial settings
Administrator settings
Installation settings
R/C function settings
Service & maintenance
Next   Back
Select the item.

② Menu screen (2)

Menu
Contact company
Check of R/C setting
Select the language
Previous   Back
Select the item.

③ Service password input

Input password
Input the service password
- - - -
0 1 2 3 4 Delete
5 6 7 8 9 Set
Input 4 digit number & tap [Set]   Back

The service password is "9999"
(Unable to change)

④ R/C setting menu

R/C function settings
Main/Sub of R/C ──⑤
External input ──⑥
Auto-restart ──⑦
Back
Select the item.

⑤ Main/sub of R/C

Main/Sub of R/C
Main
Sub
Back
Select setting

⑥ External input

External input
Individual
All units
Back
Select setting

When several heat pump unit is connected, with this function, the range to apply the external input can be set.

[Individual]: This is applied only to the HP Unit received the input signal
[All units]: This is applied to all HP Units connected in the system.

⑦ Auto-restart

Auto-restart
Valid
Invalid
Back
Select setting

If power failure occurs during operation

[Valid]: It returns to the state before the power failure, soon after power recovery.

[Invalid]: It pauses after power recovery

Information

What is the Auto-restart?
This is the function to restart the unit automatically under the same operating state as that before power failure, when power is recovered, by memorizing the operating state before power failure. In case that the setting of [Auto-restart] is [Valid], even though the power failure occurs, the unit can restart automatically after power recovery.
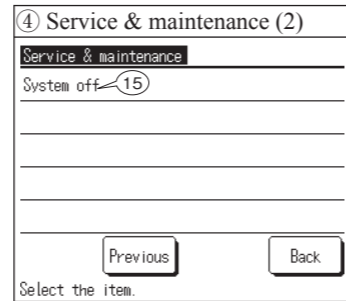
Factory default: [Valid]

Information

Regarding the following settings for daily use, please refer to the user's manual.
• Initial settings
Clock setting, Date and Time display, Contrast, Backlight and Controller sound.
• Schedule setting
Setting of weekly operation pattern, Setting of day off, Setting of peak-cut and Changing of operation pattern.
• Administrator settings
Enable/Disable setting, Step size of HW temp, R/C display setting, Night tariff setting, HW unit selection, User environment and Change administrator password.

[TOP screen] ⇒ [Menu] ⇒ [Service & Maintenance]

① TOP screen

UNIT01
PM10:10(Wed)   Center   Menu

HW temp. **90**℃   Usage of HW amount.
HW amt. **80**%
22 3 8 13 18

It is in operation by standby
Tap the panel for change.

② Menu screen (1)

Menu
Initial settings
Administrator settings
Installation settings
R/C function settings
Service & maintenance

Next   Back
Select the item.

② Menu screen (2)

Menu
Contact company
Check of R/C setting
Select the language

Previous   Back
Select the item.

③ Service password input

Input password
Input the service password

0 1 2 3 4 Delete
5 6 7 8 9 Set

Input 4 digit number & tap [Set]   Back

The service password is "9999"
(Unable to change)

④ Service & maintenance (1)
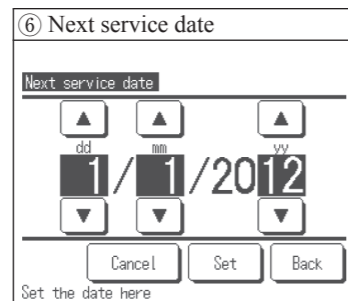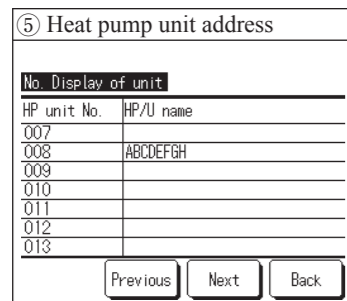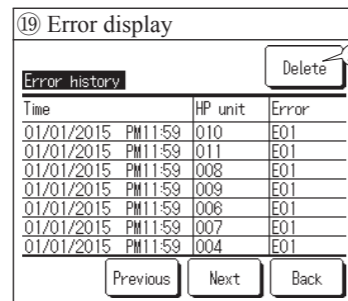
Service & maintenance
No. Display of unit — ⑤
Next service date — ⑥
Error display — ⑧
Save HP Unit setting — ⑨
Special settings — ⑭

Next   Back
Select the item.

Move to the screen of a selected menu.

④ Service & maintenance (2)

Service & maintenance
System off — ⑮

Previous   Back
Select the item.

⑤ Heat pump unit address

No. Display of unit
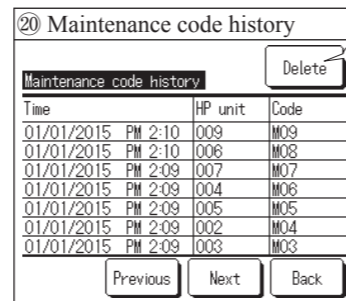| HP unit No.	HP/U name
007	
008	ABCDEFGH
009	
010	
011	
012	
013	

Previous   Next   Back

When 8 or more units are connected, the 8th and the subsequent units are displayed on the next page

⑥ Next service date

Next service date
dd   mm   yy
1 / 1 / 2012

Cancel   Set   Back
Set the date here

If next service date is entered, messages are displayed at the every Run/Pause of operation on the service month. ⑦
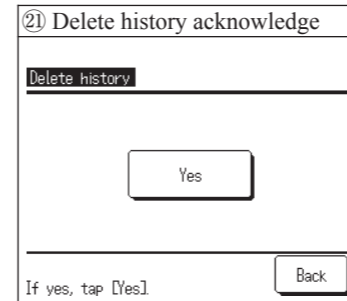If the Cancel button is tapped, messages are not displayed.

⑦ Service message

Usage time 1year0month
Next check 1/2020
Company   MITSUBISHI
Phone No.   000-000-0000

⑧ Error display

Error display
Error history — ⑲
Maintenance code history — ⑳

Back
Select the item.

Move to the screen of a selected menu.

⑲ Error display

Error history   Delete ㉑
Time	HP unit	Error
01/01/2015 PM11:59	010	E01
01/01/2015 PM11:59	011	E01
01/01/2015 PM11:59	008	E01
01/01/2015 PM 2:09	009	E01
01/01/2015 PM 2:09	006	E01
01/01/2015 PM 2:09	007	E01
01/01/2015 PM 2:09	004	E01

Previous   Next   Back

Date and time of error occurrence, HP unit address and Error code are displayed.

⑳ Maintenance code history

Maintenance code history   Delete ㉑
Time	HP unit	Code
01/01/2015 PM 2:10	009	M09
01/01/2015 PM 2:10	006	M08
01/01/2015 PM 2:09	007	M07
01/01/2015 PM 2:09	004	M06
01/01/2015 PM 2:09	005	M05
01/01/2015 PM 2:09	002	M04
01/01/2015 PM 2:09	003	M03

Previous   Next   Back

Date and time of Maintenance code occurrence, HP unit address and Maintenance code are displayed.

㉑ Delete history acknowledge

Delete history

Yes

Back
If yes, tap [Yes].

When tapping YES, history is deleted.

⑨ Save HP Unit setting

Save HP Unit setting
Save setting — ⑩
Automatic saving — ⑪
Transfer the saved data — ⑫
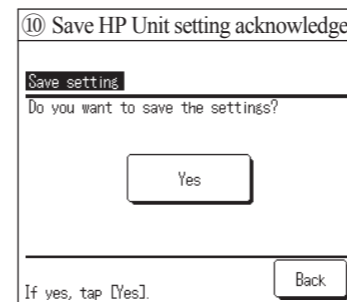
Back
Select the item.
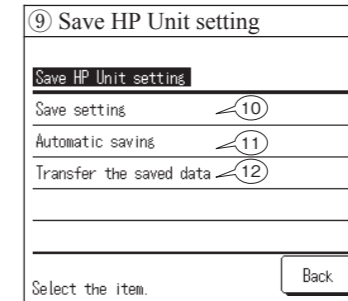
[Saving HP unit setting]
The data of all heat pump units connected is saved in the R/C
[Automatic saving]
The time to save the data of the heat pump units automatically can be set.
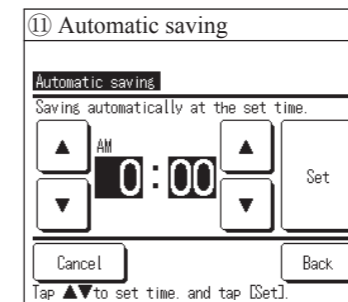At the set time, the data are saved everyday. (* Factory default: 24:00)
[Transfer the saved data]
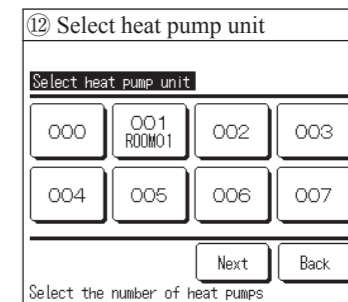The data saved in the R/C is transferred to the heat pump unit.
In case of several heat pump units, the data can be transferred individually.

Information

The remote controller can save the cumulative operation hours of the components for water and refrigerant circuit memorized in the heat pump unit as backup. If the PCB of the heat pump unit has malfunction, the data saved in R/C can be written in the new PCB of the heat pump unit with the [Transfer the saved data] function.

⑩ Save HP Unit setting acknowledge

Save setting
Do you want to save the settings?

Yes

Back
If yes, tap [Yes].

When tapping Yes, the setting of the heat pump unit connected is saved.

⑪ Automatic saving

Automatic saving
Saving automatically at the set time.

AM
▲ **0 : 00** ▲   Set
▼   ▼

Cancel   Back
Tap ▲▼to set time. and tap [Set].

After setting the time and tapping Set, the time to save automatically can be set.

⑫ Select heat pump unit

Select heat pump unit
| 000 | 001 ROOM01 | 002 | 003 |
| 004 | 005 | 006 | 007 |

Next   Back
Select the number of heat pumps

If several heat pump units are connected, the unit to be sent the saved data can be selected.

⑬ Transfer the saved data acknowledge

Transfer the saved data
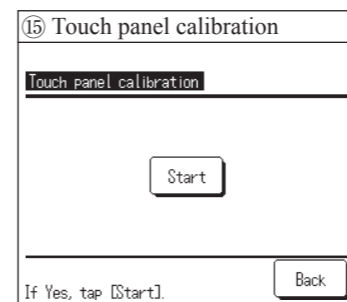Approve the transfer of saved data to R/C?

Yes

Back
If yes, tap [Yes].
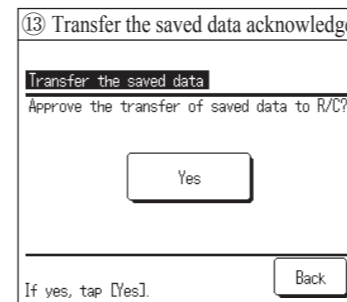
When tapping Yes, the following data is transferred to the heat pump unit selected
• Hot water set temp
• Cumulative operation hours of compressor
• Cumulative operation hours of water pump
• HP 7seg P01, P78, P79 data
• CW FV1 compensation value
• Upper limit of HW temp
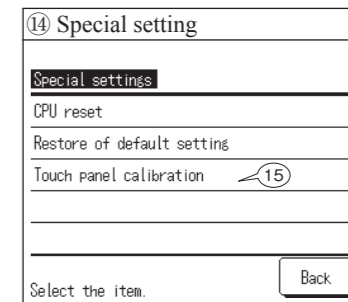
⑭ Special setting

Special settings
CPU reset
Restore of default setting
Touch panel calibration — ⑮

Back
Select the item.

Move to the screen of a selected menu

⑮ Touch panel calibration

Touch panel calibration

Start

Back
If Yes, tap [Start].

Adjust the position if the display and the touch position are unmatched.
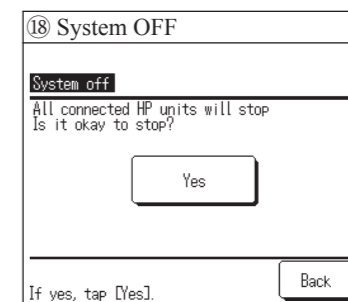
[CPU reset]
The microcomputer of the heat pump unit connected is reset
(Like a state of recovery after power fail)

[Restore of default setting]
The setting of the R/C and the HP unit connected are restored to the factory setting

[Touch panel calibration]
Adjust the position if the display and the touch position are unmatched.

⑱ System OFF

System off
All connected HP units will stop
Is it okay to stop?

Yes

Back
If yes, tap [Yes].

When tapping Yes, all HP Units connected are stopped.
With this, anti-freezing operation cannot work. as well.
If leaving the hot water supply system for long period, be sure to drain off.