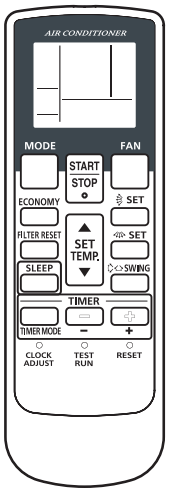
VRF SYSTEM
REMOTE CONTROLLER
(WIRELESS TYPE)
UTY-LNH*

English

中文

INSTALLATION MANUAL

For authorized service personnel only.



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PART NO. 9371972046-02

1. SAFETY PRECAUTIONS

- The “SAFETY PRECAUTIONS” indicated in this manual contain important information pertaining to your safety. Be sure to observe them.
- Details of the operation methods refer to the operating manual. Request the user to keep them on hand for future use, such as for relocating or repairing the unit.

⚠WARNING	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.

- Perform installation work in accordance with the installation manual. Request an authorized service personnel to perform installation work. Do not install this unit by yourself. Improper installation will cause injury, electric shock, fire, etc.
- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the electrical breaker, and consult authorized service personnel.
- Do not turn on the power until all installation work is complete.
- Allow only authorized service personnel or contractors qualified in accordance with the safety standard of each country and the installation manual do the cabling work. Improper or incomplete work may cause an electric shock or a fire.
- If children may approach the unit, take preventive measures so that they cannot reach the unit.

Do not install the unit in the following areas:

- Do not install the unit near a source of heat, steam, or flammable gas.
- Area filled with mineral oil or containing a large amount of splashed oil or steam, such as a kitchen. It will deteriorate plastic parts, causing the parts to fall or the unit to leak water.
- Area that generates substances that adversely affect the equipment, such as sulfuric gas, chlorine gas, acid, or alkali. It will cause the copper pipes and brazed joints to corrode, which can cause refrigerant leakage.
- Area containing equipment that generates electromagnetic interference. It will cause the control system to malfunction, preventing the unit from operating normally.
- Area that can cause combustible gas to leak, contains suspended carbon fibers or flammable dust, or volatile inflammables such as paint thinner or gasoline. If gas leaks and settles around the unit, it can cause a fire.
- Do not use the unit for special purposes, such as storing food, raising animals, growing plants, or preserving precision devices or art objects. It can degrade the quality of the preserved or stored objects.
- Install the unit in a well-ventilated place avoiding rains and direct sunlight.

⚠CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user or damage to property.

- Do not install in any place at a temperature of more than 40 °C (104 °F) or less than 0 °C (32 °F) or exposed to direct sunlight.
- Do not touch any circuit board with your hands or with tools. Do not allow dust to collect on the circuit board. Doing so may cause fire or an electric shock.
- Do not press any control button using a sharp object. Doing so may cause an electric shock or a malfunction.
- Do not install in any place exposed to flammable gas leakage.
  Flammable gases accumulated around the body of the controller may cause an explosion.
- Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is the danger of suffocation if children play with the original plastic bags.
- Do not install in any place where acidic or alkaline solution or special spray are often used.
  Doing so may cause an electric shock or malfunction.
- Do not use in any special environment.
  Using in any place exposed to oil (including machine oil), steam and sulfuric gas may deteriorate the performance significantly or give damage to the component parts.
- Do not expose this unit directly to water. Doing so will cause trouble, electric shock, or heating.
- Do not wash with water.
  Doing so may cause an electric shock or breakdown.
- Do not touch any control button with wet hands.
  Doing so may cause an electric shock or breakdown.
- Do not set vessels containing a liquid on this unit. Doing so will cause heating, fire, or electric shock.
- Do not install in any steamy place such a bathroom or kitchen.
  Avoid any place where moisture is condensed into dew.
  Doing so may cause an electric shock or a malfunction.
- Pay abundant care when transporting this unit because it is a precision device. Improper transportation will cause trouble.

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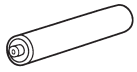
2. ACCESSORIES

Description	Q'ty	Application
Installation manual	1	This book
Operating manual	1	Instruction book for operation
Battery (R03/LR03) 	2	For remote controller
Remote controller holder	1	Use as remote controller holder
Screw (M3 x 12mm)	2	For installing remote controller holder to the wall

3. TURNING ON THE POWER

(1) Throw the circuit breakers for the indoor unit and outdoor unit.

(2) Make sure that the operation indicator lamp and timer indicator lamp are slowly flashing alternately.
- If the auto restart function has been set, the air conditioner will operate with the settings immediately before the power supply was turned off.
- If an error has occurred, the lamps on the receiver unit will flash quickly to indicate the error code. (Refer to the installation manual of the indoor unit.)

4. INSTALLING THE REMOTE CONTROLLER

4.1. Load batteries (R03/LR03 x 2)

⚠ CAUTION

- Take care to prevent infants from accidentally swallowing batteries.
- When not using the Remote Controller for an extended period, remove the batteries to avoid possible leakage and damage to the unit.
- Dead batteries should be removed immediately and disposed of properly, either in a battery collection receptacle or to the appropriate authority.
- Do not attempt to recharge dry batteries.
- If your skin, eyes or mouth contact the battery liquid, wash with enough water immediately, and consult your doctor.

Note:
Use batteries in accordance with specified standard only. Replace discharged batteries with new units. Check the indicated poles and insert from the minus pole.

To load the batteries, refer to the operation manual of the wireless remote controller.

4.2. Installing the remote controller holder

⚠ WARNING

- Always use the accessories and specified installation work parts. Check the state of the installation parts. Not using the specified parts will cause units to fall off, water leakage, electric shock, fire, etc.
- Install at a place that can withstand the weight of the controller and install positively so that the unit will not topple or fall.
- When installing the controller holder take precautions to prevent access by infants. It may cause an injury.
- After installation of this unit, test for correct operation, and then explain the operation method to the customer.

⚠ CAUTION

- Fixing of the holder cover with the screws in the standard parts may be unsuitable if the wall or ceiling material is weak. If so, prepare screws suitable for the wall or ceiling material, and fix it.
- Too tight fastening of screw may cause damage to the holder when fixing the holder of this unit.
- Check carefully the installation location of this unit.
  - A place where the indoor unit receives signals clearly from the main unit.
  - A place where direct sunshine is avoided.
  - A place avoiding thermal radiation from heating devices, such as a stove.

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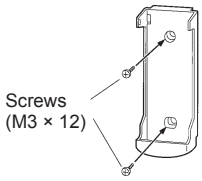
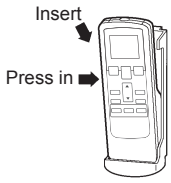
Note:

- Use the controller holder that is provided to avoid misplacing the remote controller.
- Out of the airflow from the air conditioner (cool or warm)
- Where the operation of the controller can easily be performed and the display is readily visible to the user.
- Out of the reach of small children.
- If there is a fluorescent light in the room in which the air conditioner is to be installed, turn it on and make sure that the signal from the remote controller can be received by the indoor unit from the intended installation location.
- When the signal receiving unit receives a signal from the remote controller, a short beeping sound will be heard.
- If the air conditioner unit is installed in a room in which a fluorescent light on an electronic lighting control system (i.e., inverter light) is installed, signal interference may occur.
- Mount at least 1m away from electrical appliances. (Signals will be obstructed and cause picture distortion or noises if the main unit is placed near such units)
- Install the remote controller holder to a wall, pillar, etc. with the screw.

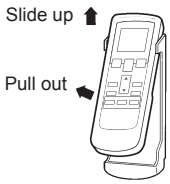
(1) Mount the Holder.



(2) Set the Remote Controller.



(3) To remove the Remote Controller (when use at hand).



5. ADDRESS SETTING

Address setting method can be selected from 3 options, outdoor unit, indoor unit and remote controller.
Refer to the installation manual of outdoor unit or indoor unit when set up from the outdoor unit or the indoor unit.

■ Infrared address setting

- A wireless remote controller is required to set the infrared address setting.
- This function is available in all indoor unit with infrared signal receiver.
- Infrared address setting for duct type and cassette type models can be made possible by using the optional IR receiver unit.

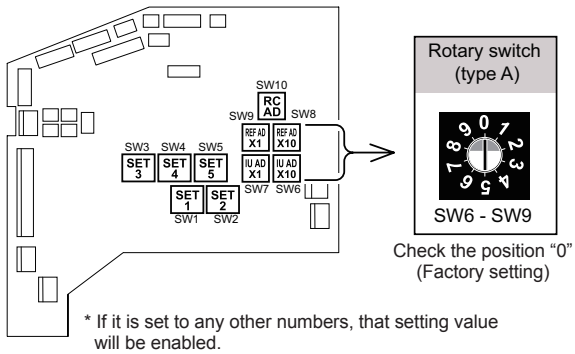
  Note : Since Beeping sound generate from indoor unit PCB installed far away (not from IR Receiver unit), sound might not be heard.
- The indoor unit's refrigerant circuit address and indoor unit address can be set using the infrared address setting.
- When remote controller address setting is required, set by the rotary switch on the indoor unit's PCB.

■ Preparation

(1) Set the switch on the indoor unit's PCB that is used for manual address setting is set to "00" at factory setting.

(This process is unnecessary for newly installed and not yet set the SW.)

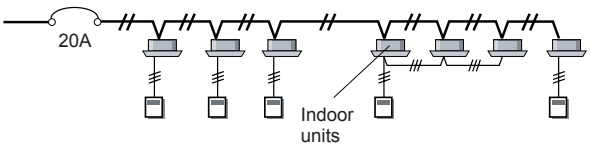
This is an example of PCB of indoor unit
Refer to the installation manual of indoor unit when set up.



* If it is set to any other numbers, that setting value will be enabled.

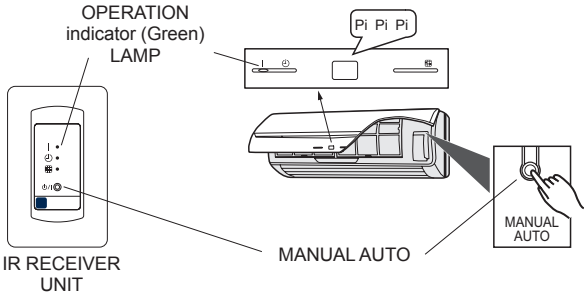
(2) Turn on the power to the indoor unit.
  * By turning on the power indoor units initializes EEV, so make sure the piping air-tight test and vacuuming have been conducted before turning on the power.
  * Also check again to make sure no wiring mistakes were made before turning on the power.

Breaker ON

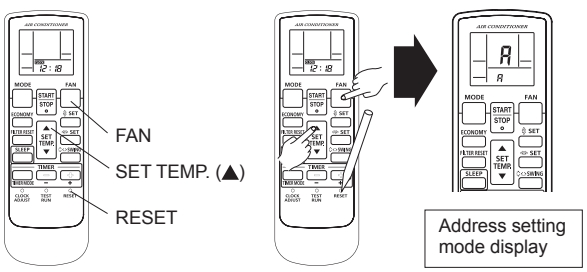


■ Switching selection of address setting mode

(3) Press and hold the "MANUAL/AUTO" button for 3 seconds.



(4) Press and hold the "FAN" and the "SET TEMP. ▲" buttons. Whilst holding these 2 buttons, press the "RESET" button.



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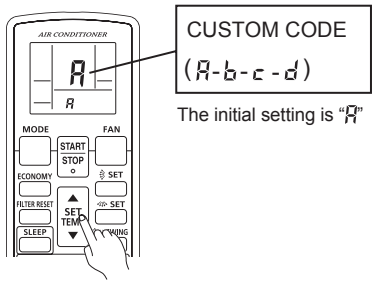
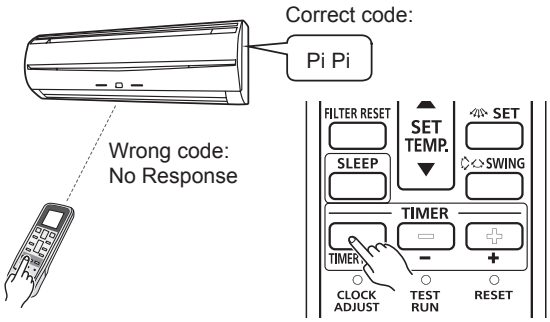
- The position of the “MANUAL/AUTO” button varies depending on the model. Refer to the operating manual for the position that is included with the unit.
- The error will be displayed by continuosly pressing the “MANUAL/AUTO” for 10 sec or more. In this case release the button or turn off the power.
- When the address has already been set in the circuit board, the OPERATION LAMP will light up and the TIMER and FILTER LAMPs will display the number of setting address.
- An explanation of the displayed information as shown below.

■ Selection and confirmation of custom code

(5) Press the “SET TEMP. ▲” or “SET TEMP. ▼” buttons to select the custom code that matches the setting with the indoor unit. By selecting the appropriate custom code, the communication between the indoor unit and the wireless RC become possible.



(6) Press the “TIMER MODE” button to send the code to the indoor unit.

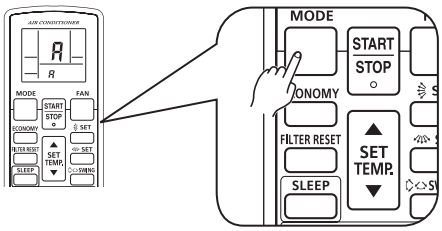


- Custom code returns to “A” when RESET button is pressed.
- Custom code setting is required when set up again.

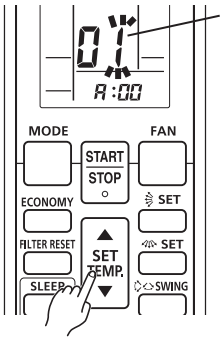
■ Adress setting

• Indoor unit address setting

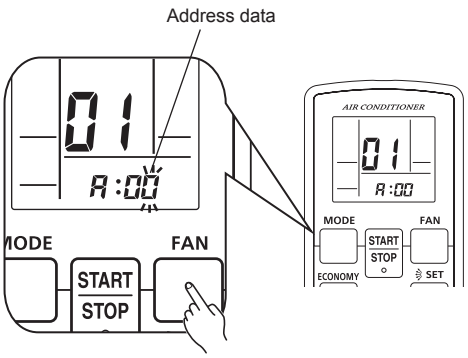
(7) Press the “MODE” button to access the address setting mode.



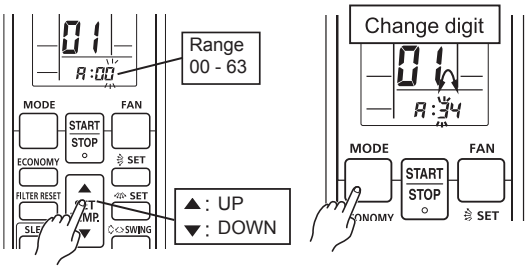
(8) Make sure the bottom number function number is ‘01’. If the number is other than ‘01’, press the “▲” or the “▼” buttons to alter.



(9) Press the “FAN” button to access the address data setting mode. The address data will flash once this button is pressed.



(10) Press the “▲” or the “▼” buttons to adjust the address data. The indoor unit address range is between 00 and 63. Each time the “MODE” button is pressed, it switches between 1 unit and 10 units positions.



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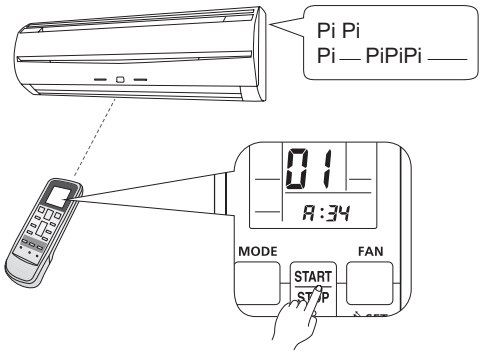
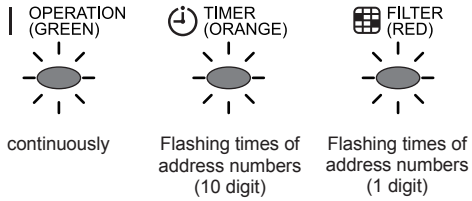
(11) Press the “START/STOP” button once to send the information. A beeping noise will be heard if the command is accepted.

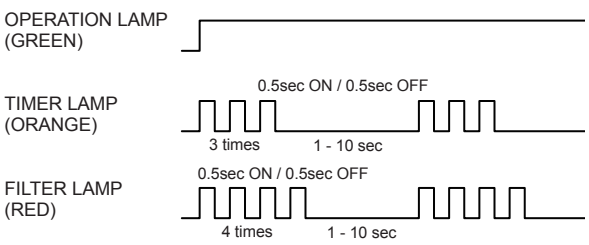


* In the following cases the setting signal is not read and a buzzer sounds.
The indoor unit address No. is set out of range (64 or more) : Pi Pi Pi _____ (3 sec)
The setting of the rotary switch on the PCB is not “00” : Pi Pi Pi Pi Pi

(12) Indoor unit will display the indoor unit address data number on “TIMER ◴” (ORANGE) and “FILTER ▦” (RED) light.



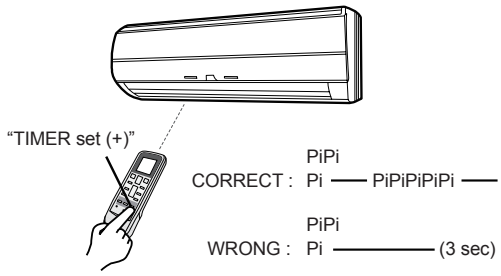
(Example) ADDRESS : 34



* ADDRESS 0 setting will not indicate TIMER LAMP and FILTER LAMP.

• **Confirmation of address setting**

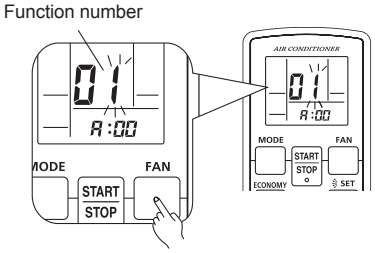
(13) Press the “TIMER set (+)” button.



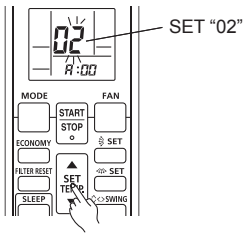
• **Refrigerant circuit address setting**

Note : The refrigerant circuit address can also be set evenwhile above indoor unit address display.

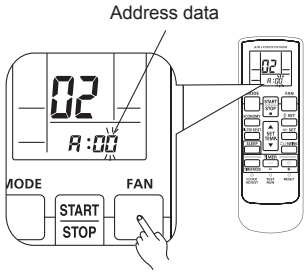
(14) Press the “FAN” button to select the function number.



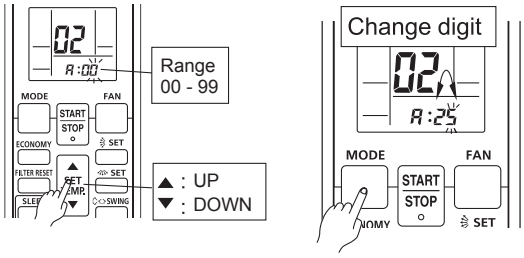
(15) Press the “▲” or the “▼” button to adjust function number 02.



(16) Press the “FAN” button to access the address data setting mode. The address data will flash once this button is pressed.



(17) Press the “▲” or the “▼” buttons to adjust the address data. The refrigerant circuit address range is between 00 and 99. Each time the “MODE” button is pressed, it switches between 1 unit and 10 units positions.



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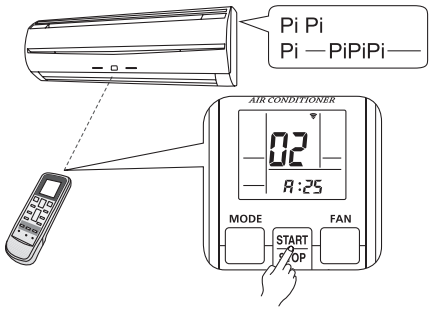
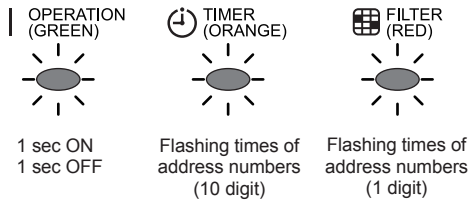
(18) Press the “START/STOP” button once to send the information. A beeping noise will be heard if the command is accepted.

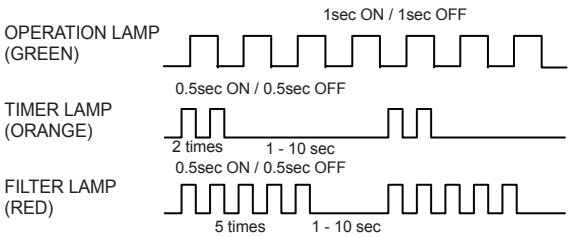


* In the following cases the setting signal is not read and a buzzer sounds. The setting of the rotary switch on the PCB is not “00” : Pi Pi Pi Pi Pi

(19) Indoor unit will display the refrigerant circuit address data number on “TIMER ◴” (ORANGE) and “FILTER ▦” (RED) light.



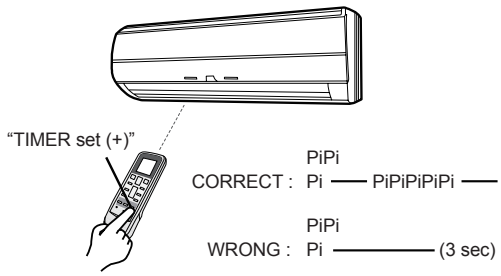
(Example) ADDRESS : 25



* ADDRESS 0 setting will not indicate TIMER LAMP and FILTER LAMP.
* ADDRESS display will automatically switched from indoor unit address to refrigerant circuit address.

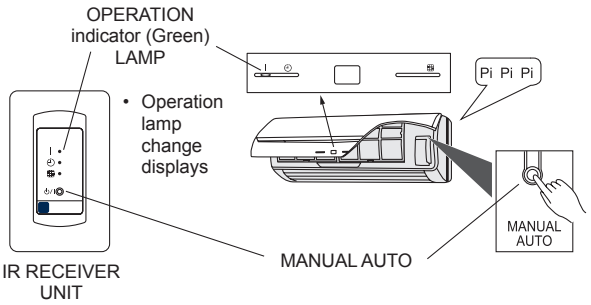
• Confirmation of address setting

(20) Press the “TIMER set (+)” button.



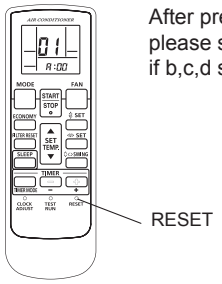
■ Completion of address setting mode

(21) Press and hold the “MANUAL/AUTO ı/o” button for 3 seconds.



* Timer lamp keep blinks the number of times of address No.

(22) Press the “RESET” button.

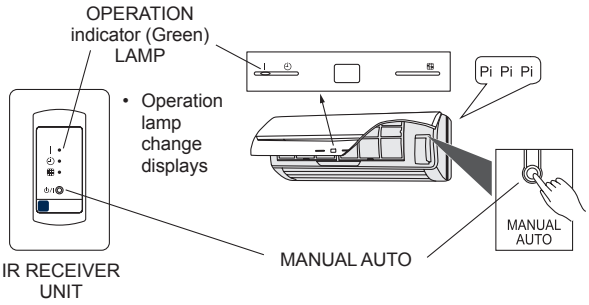


After pressing the RESET button, please set the custom code again if b,c,d setting.

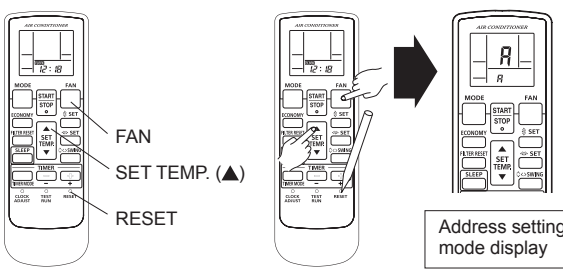
* The address setting signal is not received after switched address setting completion mode. (Pi Pi Pi Pi Pi)
* Press the “MANUAL/AUTO ı/o” button again for 3 sec to return to if required to return the address setting mode.

■ Reconfirmation of address setting

(23) Press “MANUAL/AUTO ı/o” button shortly to select the both address to be checked correct setting.



(24) Press and hold the “FAN” and the “SET TEMP. ▲” buttons. Whilst holding these 2 buttons, press the “RESET” button.



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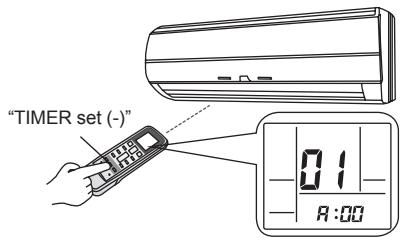
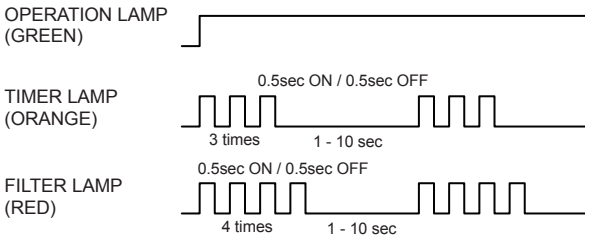
■ **Indoor unit address setting**

(25) Make sure the function number is “01” Refer to (8) Press the “TIMER set (-)” button.

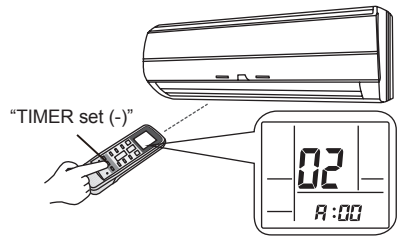


(Example) ADDRESS : 34



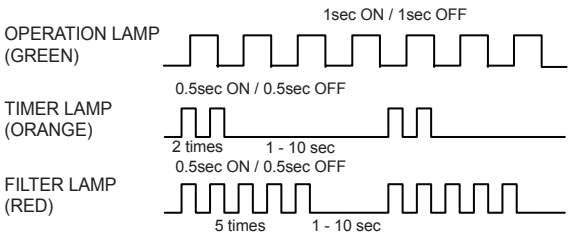
• **Refrigerant circuit address setting**

(26) Make sure the function number is “02” Refer to (15) Press the “TIMER set (-)” button.

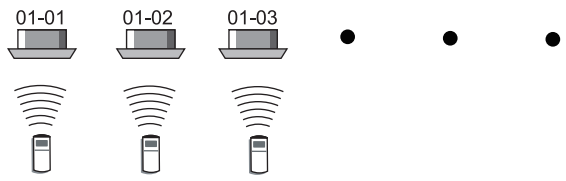


• Press the RESET button to cancel the address setting mode.

(Example) ADDRESS : 25



■ **Setting up each indoor unit**



Repeat steps (1) through to (26). Steps (1) through to (6) and (21) to (26) only need to carried out if the custom code is different to the factory setting of “A”.

■ **Reset the power after setting up address of all indoor units**

Important

- If the reset is not performed, address cannot be read in normally.
- After all the addresses have been set, the circuit breaker needs to be switched off for at least 2 minutes. After the 2 minutes has passed, power can be restored.
- The set address is stored in the PCB and will remain in memory even when the power is turned off. However setting address is effective after power reset. Record the address set in the indoor unit on a label, etc., and affix the label to the unit so it can be used for after-sales service operations.

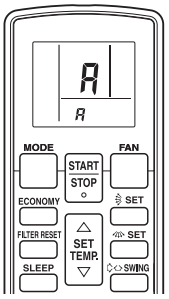
* Address 0 setting will not indicate TIMER LAMP and FILTER LAMP.

* Once the “RESET” button is pressed on the remote controller, the OPERATION MODE will be set in the “AUTO MODE”. Please adjust the OPERATION MODE to either “COOLING” or “HEATING” before trying to operate the air conditioner.

* Note : If CUSTOM CODE is set to anything other than “A”, the remote controller must be set accordingly to the INDOOR UNIT setting.

6. FUNCTION SETTING

- This procedure changes to the function settings used to control the indoor unit according to the installation conditions. Incorrect settings can cause the indoor unit malfunction.
- After the power is turned on, perform the “FUNCTION SETTING” according to the installation conditions using the remote controller.
- The settings may be selected between the following two: Function Number or Setting Number.
- Settings will not be changed if invalid numbers or setting numbers are selected.
- Refer to the installation manual for the function number and the setting number of the indoor unit.



Entering the Function Setting Mode

- While pressing the FAN button and SET TEMP. (▲) simultaneously, press the RESET button to enter the function setting mode.

STEP 1

Setting the Remote Controller Signal Code

Use the following steps to select the signal code of the remote controller. (Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.)

The signal codes that are set through this process are applicable only to the signals in the FUNCTION SETTING. For details on how to set the signal codes through the normal process, refer to SELECTING THE REMOTE CONTROLLER SIGNAL CODE.

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(1) Press the SET TEMP. (▲) (▼) button to change the signal code between A→b→C→d.
Match the code on the display to the air conditioner signal code. (initially set to A)
(If the signal code does not need to be selected, press the MODE button and proceed to STEP 2.)
(2) Press the TIMER MODE button and check that the indoor unit can receive signals at the displayed signal code.
(3) Press the MODE button to accept the signal code, and proceed to STEP 2.

The air conditioner signal code is set to A prior to shipment. Contact authorized service personnel to change the signal code.

The signal code shall be reset in **6**. Set the same code as set up here.

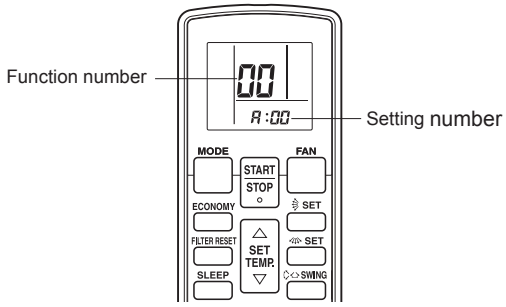
The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries.
If you do not know the air conditioner signal code setting, try each of the signal codes (A→b→C→d) until you find the code which operates the air conditioner.

Set the address setting and function setting after switching the function number.

STEP 2

Selecting the Function Number and Setting Number

(1) Press the SET TEMP. (▲) (▼) buttons to select the function number.
(Press the MODE button to switch between the left and right digits.)
(2) Press the FAN button to proceed to setting the number.
(Press the FAN button again to return to the function number selection.)
(3) Press the SET TEMP. (▲) (▼) buttons to select the setting number.
(Press the MODE button to switch between the left and right digits.)
(4) Press the TIMER MODE button, and START/STOP button, in the order listed to confirm the settings.
(5) Press the RESET button to cancel the function setting mode.
(6) After completing the FUNCTION SETTING, be sure to turn off the power and turn it on again.



7. SELECTING THE REMOTE CONTROLLER SIGNAL CODE

When two or more air conditioners are installed in a room and the remote controller is operating an air conditioner other than the one you wish to set, change the signal code of the remote controller to operate only the air conditioner you wish to set (four selections possible).

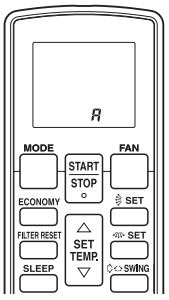
When two or more air conditioners are installed in a room, please contact your retailer to set the individual air conditioner signal codes.

- Confirm the setting of the remote controller signal code and the printed circuit board setting.
  If these are not confirmed, the remote controller cannot be used to operate for the air conditioner.

Remote Controller Settings

Use the following steps to select the signal code of the remote controller. (Note that the air conditioner cannot receive a signal code if the air conditioner has not been set for the signal code.)

(1) Press the START/STOP button until only the clock is displayed on the remote controller display.
(2) Press the MODE button for at least five seconds to display the current signal code (initially set to A).
(3) Press the SET TEMP. (▲) (▼) button to change the signal code between A→b→C→d.
Match the code on the display to the air conditioner signal code.
(4) Press the MODE button again to return to the clock display. The signal code will be changed.



If no buttons are pressed within 30 seconds after the signal code is displayed, the system returns to the original clock display. In this case, start again from step 1.

The air conditioner signal code is set to A prior to shipment. Contact your retailer to change the signal code.

The remote controller resets to signal code A when the batteries in the remote controller are replaced. If you use a signal code other than signal code A, reset the signal code after replacing the batteries.
If you do not know the air conditioner signal code setting, try each of the signal codes (A→b→C→d) until you find the code which operates the air conditioner.

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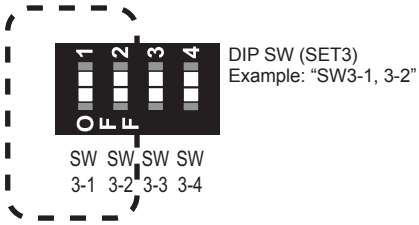
Indoor Unit Setting (Example)

PCB and switch layout in each indoor unit are different. Refer to the installation manual of each indoor unit.



DIP SW (SET3)
Example: “SW3-1, 3-2”

Table A

	Custom code			
	A (Factory setting)	b	c	d
DIP SW 3-1	OFF	ON	OFF	ON
DIP SW 3-2	OFF	OFF	ON	ON

Refer to the installation manual of indoor unit since settings are different depending on each indoor unit.

⚠ CAUTION

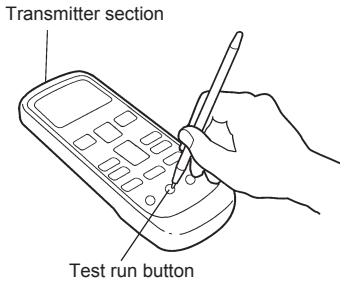
- When setting the DIP switch, be careful to avoid damaging other parts of the printed circuit board.

8. TEST OPERATION

CHECK ITEMS

(1) OPERATION METHOD

- For the operation method, refer to the operating manual.
- The outdoor unit may not operate depending on the room temperature. In this case, press the test run button on the remote controller while the air conditioner is running. (Point the transmitter section of the remote controller toward the air conditioner and press the test run button with the tip of a ball-point pen, etc.)



- To end test operation, press the remote controller START/STOP button. (When the air conditioner is run by pressing the test run button, the OPERATION indicator lamp and TIMER indicator lamp will simultaneously flash slowly.)
- If the receiver unit is flashing (0.1 sec ON/0.1 sec OFF), there is an error; therefore, turn off the power immediately.

(2) ABOUT FUNCTIONING OF THE REMOTE CONTROLLER

- Check the behavior of each key in accordance with the operating manual.
- Refer to the installation manual of the indoor unit since the setting methods are different for each indoor unit.

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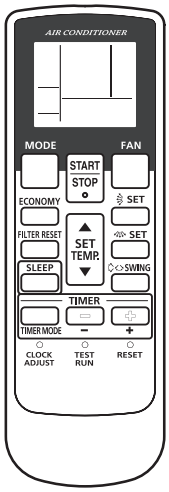
VRF 系统
遥控器
（无线式）
UTY-LNH*

安装说明书

只供授权专业维修人员使用。

中文



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PART NO. 9371972046-02

1. 安全注意事项

- 本手册中出现的“安全注意事项”包含与您的安全有关的重要信息。务必遵守这些信息。
- 有关操作方法的详细信息，请参见使用说明书。请用户将这些警告和注意事项保存在手边，以备将来机组迁移或维修时使用。

⚠警告	本标志表示如果操作失当可能会导致用户死亡或严重伤害。

- 请按照安装说明书进行安装工作。请授权的维修人员进行安装工作。请勿自行安装本机组。安装不当会导致人身伤害、触电、火灾等。
- 当本机组出现故障（发出燃烧气味等）时，应立即停止操作，关闭断路器，并与授权专业维修人员接洽。
- 安装工作结束前，请勿接通电源。
- 仅允许授权的维修人员或有资质的承包商根据各国家或地区的安全标准和安装说明书敷设电缆。
  不当或不完全的作业可能会导致触电或火灾。
- 如儿童有可能接近机组时，请采取适当的预防措施，使他们无法接触到机组。

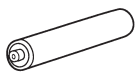
请勿将机组安装在以下地方：

- 请勿将机组安装在靠近热源、蒸汽或易燃气体的地方。
- 充满矿物油或含有大量飞溅油或蒸汽的地方，例如厨房。这样会使塑料零件变质，导致零件坠落或机组漏水。
- 能产生对设备有不利影响的物质（例如含硫气体、氯气、酸或碱）的地方。会导致铜管和铜焊接头腐蚀，引起制冷剂泄漏。
- 有能产生电磁干扰的设备的地方。会引起控制系统故障，妨碍机组正常运行。
- 能导致可燃气体泄漏、含有悬浮碳纤维、易燃粉尘或挥发性易燃物（如油漆稀释剂或汽油）的地方。如果气体泄漏并聚积在机组周围，会导致火灾。
- 请勿将机组用于存放食品、饲养动物、种植植物或保存精密设备或工艺品等特殊用途。这样会影响所保存或存放的物品的质量。
- 将机组安装在通风良好之处，避免雨淋和阳光直射。

⚠注意	本标志表示如果操作失当可能会对用户的人身受到伤害或财产受到损失。

- 请勿安装在温度高于 40 ℃ (104 ˚F) 或低于 0 ℃ (32 ˚F)，或者易受阳光直射的地方。
- 请勿用手或工具触碰任何电路板。请勿使电路板集尘过多。否则，可能会导致火灾或触电。
- 请勿用尖锐的物体按任何控制按钮。 否则，可能会导致触电或故障。
- 请勿安装在可能发生易燃气体泄漏的地方。
  遥控器机身周围积聚的易燃气体可能会导致爆炸。
- 请将包装材料安全处置。 将塑料包装袋撕碎并丢弃，使儿童无法用其玩耍。 如果儿童用原先的塑料袋玩耍，则会有窒息的危险。
- 请勿安装在经常使用酸性或碱性溶液或特殊喷雾的地方。否则，可能会导致触电或故障。
- 请勿在任何特殊环境中使用。
  在任何暴露于油类（包括机油）、蒸汽和硫酸气体的场所使用，可能会大大降低性能或造成组件损坏。
- 请勿将本机直接暴露于有水的环境中。 否则，可能会导致故障、触电或发热。
- 请勿用水冲洗。
  否则，可能会导致触电或故障。
- 请勿用湿手触摸任何控制按钮。
  否则，可能会导致触电或故障。
- 请勿在本机上放置装有液体的容器。 否则，可能会导致发热、火灾或触电。
- 请勿安装在如浴室或厨房等多蒸汽的地方。
  避免安装在有水汽结露的地方。 否则，可能会导致触电或故障。
- 本机为精密设备，运输时请额外小心。 运输不当可能会造成设备故障。

2. 附件

名称及形状	数量	用途
安装说明书	1	本书
使用说明书	1	操作的说明书
电池 (R03/LR03) 	2	用于连接遥控器
遥控器支座	1	用于安装遥控器
螺钉 (M3 x 12mm)	2	用于绑扎遥控器和遥控器电线

3. 接通电源

(1) 接通室内机和室外机的断路器。

(2) 确认运行指示灯和定时器指示灯缓慢地交替闪烁。

- 如果设定了自动重启功能，空调在电源关闭之前将以该设定运行。
- 如果发生故障，接收器上的指示灯将快速闪烁，以显示故障代码。（请参见室内机的安装说明书。）

4. 安装遥控器

4.1. 装入电池（R03/LR03 x 2）

⚠ 注意

- 小心防止幼儿意外吞入电池。
- 长时间不使用遥控器时，请取出电池以免造成可能的电解液泄漏而损坏装置。
- 耗尽的电池应迅速取出并适当处理，可投入电池公共收集容器或交给相应的机关处理。
- 请勿试图给干电池充电。
- 如果皮肤、眼睛或嘴接触到泄漏的电池电解液，请立即用足量的清水冲洗，并咨询医师。

注：

只能按照指定的标准使用电池。用新电池更换用过的电池。检查所示的电极，并从负极插入。

若要装入电池，请参见无线遥控器的使用说明书。

4.2. 安装遥控器支座

⚠ 警告

- 必须使用附件和指定的安装工件。检查安装部件的状态。不使用指定的部件可能会造成设备坠落、漏水、触电、火灾等。
- 请在可以承受遥控器重量的地方按规定安装，以免设备倾倒或坠落。
- 当安装控制器支座时，注意避免幼童接近。可能会造成人身伤害。
- 安装本机后，试运行以测试本机是否可以正确运行，然后向客户说明操作方法。

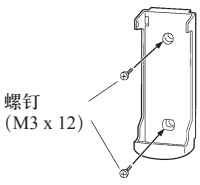
⚠ 注意

- 如果墙壁或天花板材料的强度不够，用标准件中的螺钉固定支座罩可能不适用。在这种情况下，请准备适合墙壁或天花板材料的螺钉，并进行固定。
- 固定本机的底座时，过分拧紧螺钉可能会造成底座损坏。
- 仔细检查本机的安装位置。
  - 室内机可以从主机顺畅接收信号的地方。
  - 免受阳光直射的地方。
  - 免受加热设备（如，炉子）热辐射的地方。

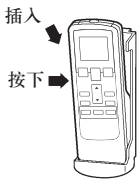
注：

- 使用附带的遥控器支座以防将遥控器放错地方。
- 远离空调排出气流（冷 / 热气流）的地方。
- 用户可以轻松操作遥控器并容易观察显示屏的地方。
- 儿童无法触及的地方。
- 如果要安装空调的室内有荧光灯，将其打开并确认室内机可以从预计安装位置接收到遥控器发出的信号。
- 信号接收设备接收到遥控器发出的信号时，会听到简短的“哔”声。
- 如果安装空调的室内装有处于电子照明控制系统（即，变频灯）中的荧光灯，可能会发生信号干扰。
- 距电器至少 1m 处安装（如果将主机放置在这些设备附近，信号可能会被阻挡并造成图像失真或噪声）
- 用螺钉将遥控器支座安装在墙壁、立柱等处。

(1) 安装遥控器支座。



(2) 插入遥控器。



(3) 取下遥控器（放在手边使用时）。

5. 地址设定

有 3 种地址设定方法可供选择：室外机、室内机和遥控器。
从室外机或室内机进行设定时，请参见室外机或室内机的安装说明书。

■ 红外线地址设定

- 需要使用无线遥控器来进行红外线地址的设定。
- 所有带有红外线信号接收器的室内机都可以使用此功能。
- 使用选购的 IR 接收器可以进行风管式和天花板嵌入式机型的红外线地址设定。

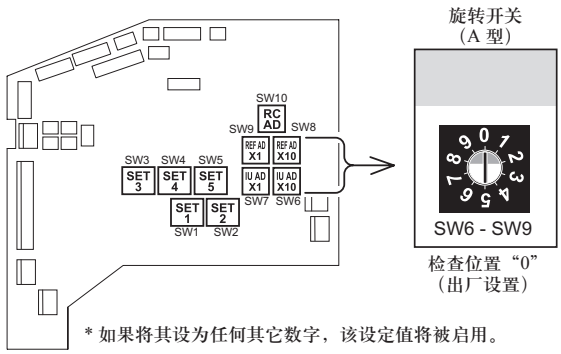
  注：由于会从在远处安装的室内机 PCB 上（不是从 IR 接收器）发出“哗”声，因此可能不会听到声音。
- 可以使用红外线地址设定来设定室内机的制冷剂回路地址和室内机地址。
- 需要遥控器地址设定时，使用室内机 PCB 上的旋转开关设定。

■ 准备

(1) 设定用于手动地址设定的室内机 PCB 上的开关（出厂时被设为“00”）。

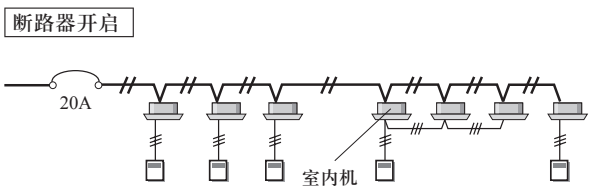
（对于新安装和尚未设定开关的机组无需进行此步骤。）

此处为室内机 PCB 的一个示例
设定时请参见室内机的安装说明书。



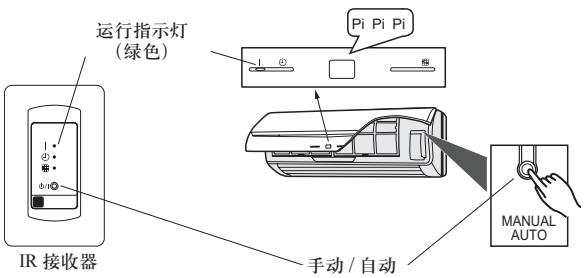
* 如果将其设为任何其它数字，该设定值将被启用。

(2) 打开室内机的电源。
* 打开电源时，室内机初始化 EEV，所以请确保在打开电源之前已执行了管道气密性测试和抽真空作业。
* 打开电源前，请再次检查以确保没有接线错误。

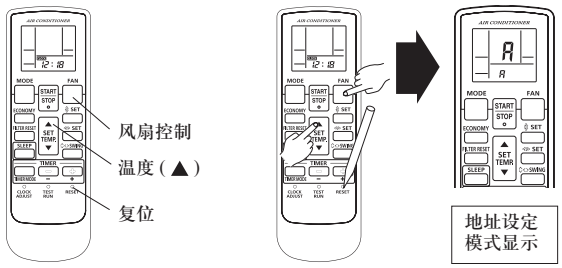


■ 地址设定模式的切换选择

(3) 按住“手动 / 自动”按钮 3 秒钟。



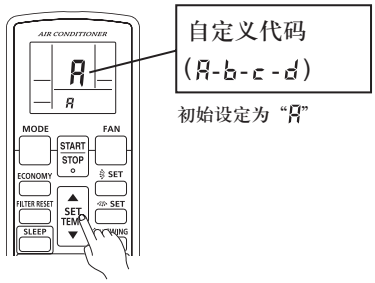
(4) 按住“风扇控制”和“温度▲”按钮。 按住这两个按钮的同时，按“复位”按钮。



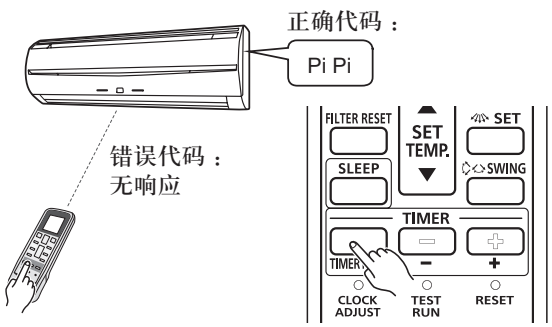
- “手动 / 自动”按钮的位置因型号而异。 有关具体位置，请参见室内机附带的使用说明书。
- 持续按“手动 / 自动 ”10 秒钟或以上，将显示故障。 此时，松开按钮或关闭电源。
- 已在电路板中设定了地址时，运行指示灯将亮起，且定时和过滤网指示灯将显示设定地址的号码。
- 以下部分对显示的信息进行了说明。

■ 自定义代码的选择和确认

(5) 按“温度▲”或“温度▼”按钮选择与室内机设定相匹配的自定义代码。 通过选择适当的自定义代码，可以在室内机和无线遥控器间进行通信。



(6) 按“定时模式”按钮发送代码到室内机。

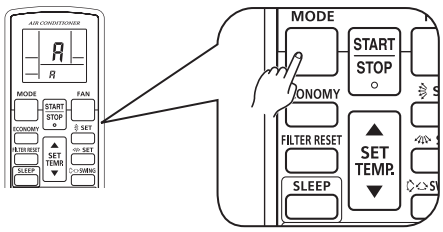


- 按复位按钮时，自定义代码会返回到“A”。
- 再次设定时需要进行自定义代码设定。

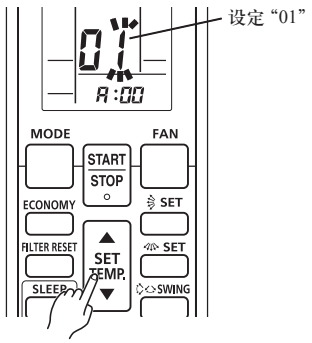
■ 地址设定

• 室内机地址设定

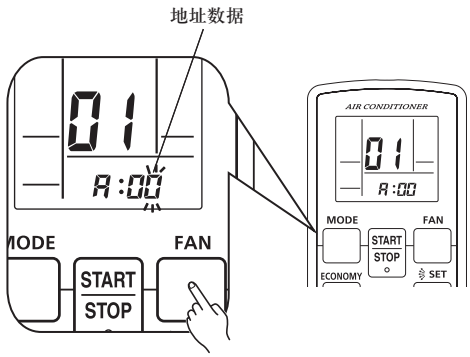
(7) 按“功能选择”按钮进入功能设定模式。



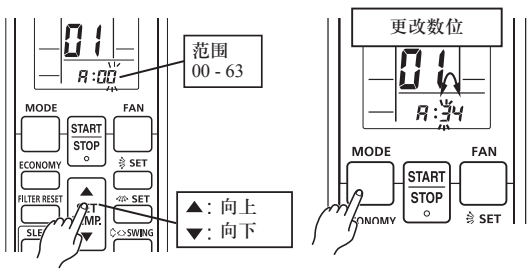
(8) 确保基础号码功能号码为‘01’。如果号码不是‘01’，按“▲”或“▼”按钮进行修改。



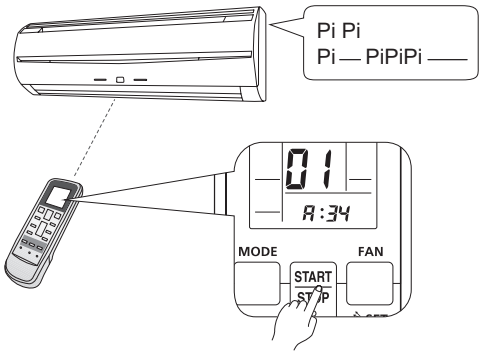
(9) 按“风扇控制”按钮进入地址数据设定模式。按下此按钮时，地址数据将闪烁。



(10) 按“▲”或“▼”按钮调整地址数据。室内机地址范围为 00 至 63。每按一次“功能选择”按钮，其会在个位和十位间切换。

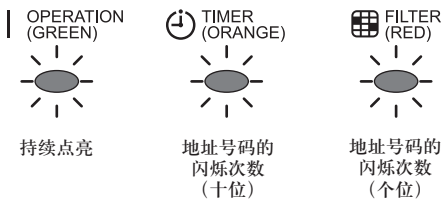


(11) 按“开／关”按钮一次发送信息。如果命令被接受将会听到哔声。

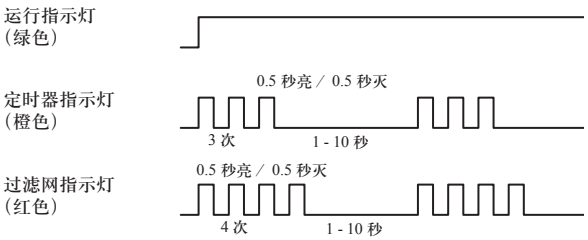


* 在下列情况下，设定信号不会被读取且蜂鸣器会发声。
室内机地址编号设定超出范围（64 或更大）：
Pi Pi Pi _____ (3 秒钟)
PCB 上的旋转开关设定不是“00”：Pi Pi Pi Pi Pi

(12) 室内机将在“定时 ⏲”（橙色）和“过滤网 ▦”（红色）指示灯上将显示室内机地址数据号码。



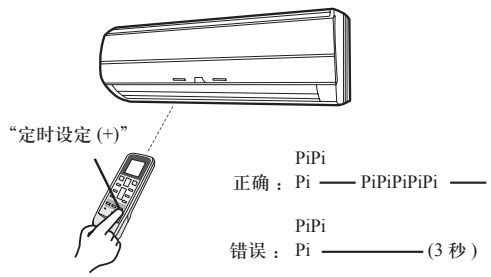
（示例）地址：**34**



* 地址 0 设定不会在定时器指示灯和过滤网指示灯上指示。

• 地址设定的确认

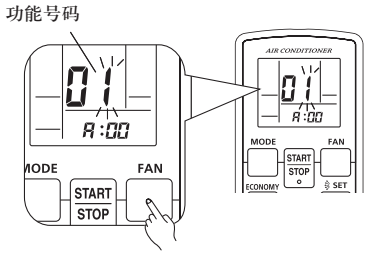
(13) 按“定时设定 (+)”按钮。



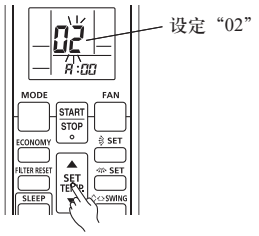
• **制冷剂回路地址设定**

注：即使在显示上述室内机地址时，也可以设定制冷剂回路地址。

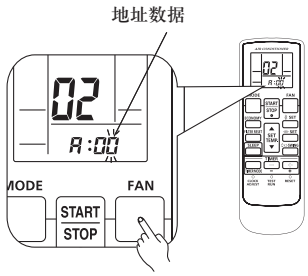
(14) 按“风扇控制”按钮选择功能号码。



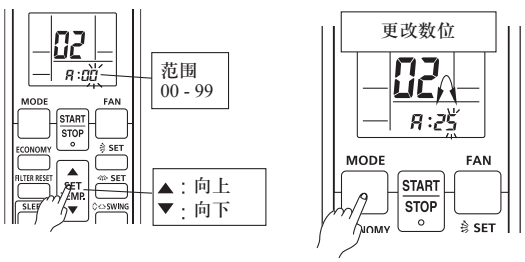
(15) 按“▲”或“▼”按钮调整功能号码 02。



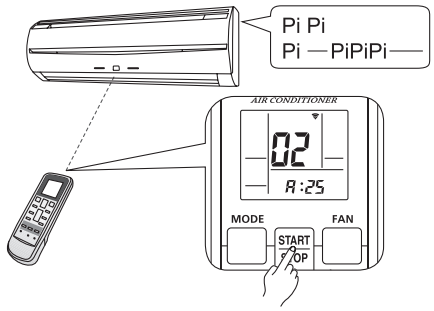
(16) 按“风扇控制”按钮进入地址数据设定模式。 按下此按钮时，地址数据将闪烁。



(17) 按“▲”或“▼”按钮调整地址数据。 制冷剂回路地址范围为 00 至 99。 每按一次“功能选择”按钮，其会在个位和十位间切换。

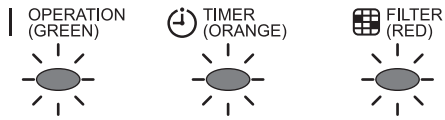


(18) 按“开／关”按钮一次发送信息。 如果命令被接受将会听到哔声。



* 在下列情况下，设定信号不会被读取且蜂鸣器会发声。
PCB 上的旋转开关设定不是“00”：Pi Pi Pi Pi Pi

(19) 室内机将在“定时 ◴”（橙色）和“过滤网 ▦”（红色）指示灯上将显示制冷剂回路地址数据号码。

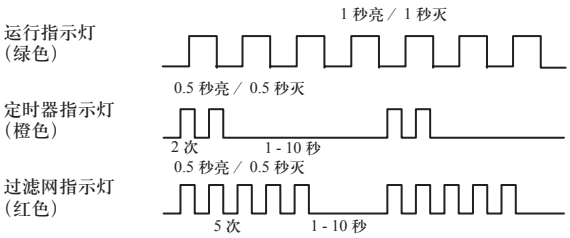


1 秒亮
1 秒灭

地址号码的
闪烁次数
（十位）

地址号码的
闪烁次数
（个位）

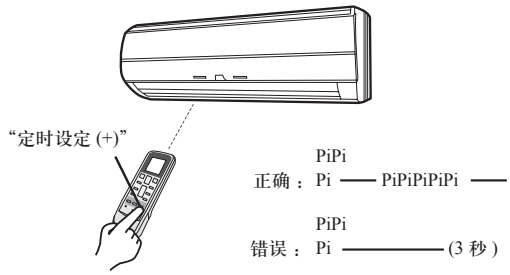
（示例）地址：25



* 地址 0 设定不会在定时器指示灯和过滤网指示灯上指示。
* 地址显示将自动从室内机地址切换到制冷剂回路地址。

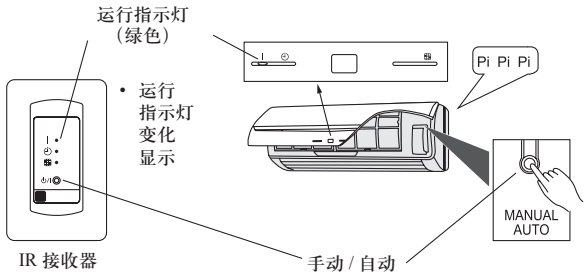
• **地址设定的确认**

(20) 按“定时设定 (+)”按钮。



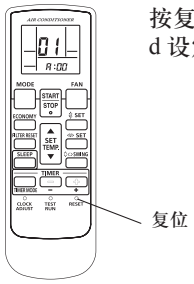
■ 地址设定模式的结束

(21) 按住“手动 / 自动 I/O”按钮 3 秒钟。



* 定时器指示灯继续闪烁地址编号的次数。

(22) 按“复位”按钮。

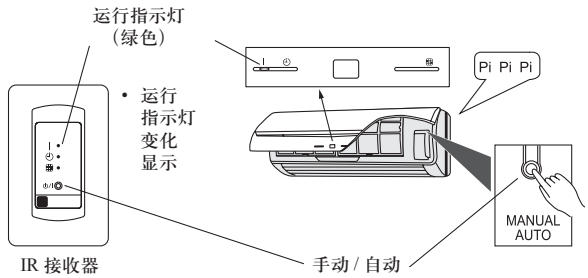


按复位按钮后，如果要进行 b、c、d 设定，请重新设定自定义代码。

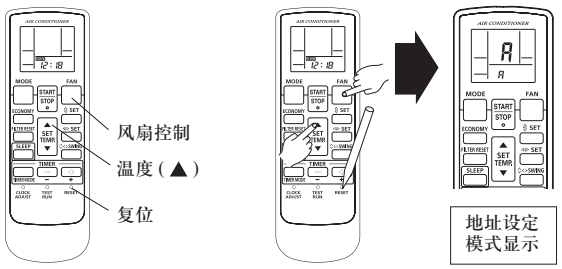
* 切换到地址设定完成模式后，则无法接收地址设定信号。(Pi Pi Pi Pi Pi)
* 如果需要返回到地址设定模式，再次按“手动 / 自动 I/O”按钮 3 秒钟以返回到地址设定模式。

■ 地址设定的再次确认

(23) 按“手动自动 I/O”按钮可以立刻选择要检查正确设定的两个地址。

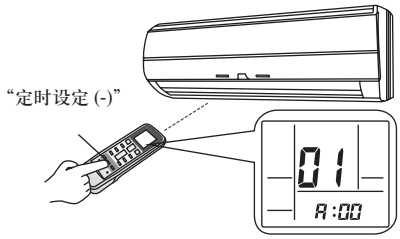


(24) 按住“风扇控制”和“温度▲”按钮。 按住这两个按钮的同时，按“复位”按钮。

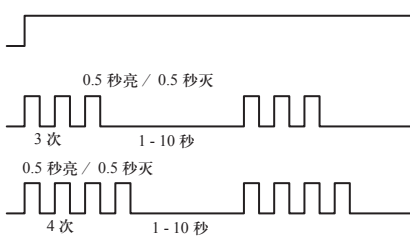


■ 室内机地址设定

(25) 确保功能号码为“01”（请参见步骤（8）），按“定时设定 (-)”按钮。

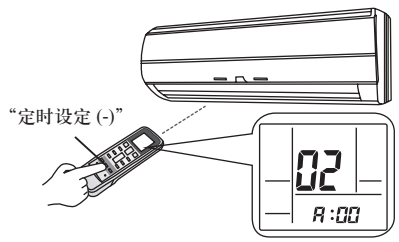


（示例）地址：**34**

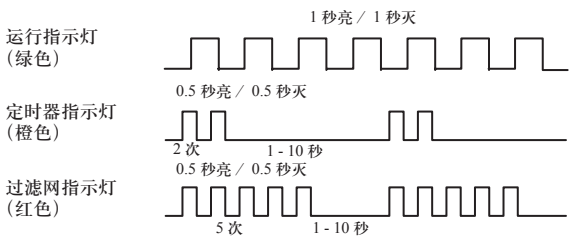


• 制冷剂回路地址设定

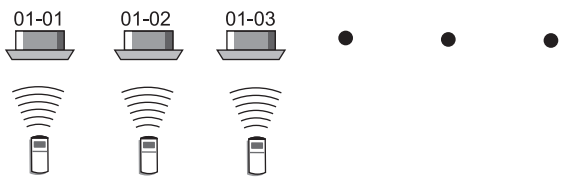
(26) 确保功能号码为“02”（请参见步骤（15）），按“定时设定 (-)”按钮。



（示例）地址：**25**



■ 设定每台室内机



重复步骤 (1) 至 (26)。 如果自定义代码不同于出厂设置的“A”，只需执行步骤（1）至（6）和（21）至（26）。

■ 设定所有室内机的地址后，重新启动电源。

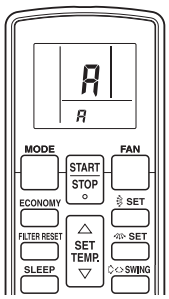
重要事项

- 如果没有重新启动电源，则无法正常读取地址。
- 设定所有地址后，需要将断路器关闭至少 2 分钟。
  2 分钟后可以恢复供电。
- 设定的地址被存储在 PCB 中，即使关闭了电源也会保留在内存中。
  但是，在重新启动电源后设定地址才会生效。
  将室内机中设定的地址记录在标签等上，然后再将标签粘贴到机组上，以供售后服务等操作使用。

* 地址 0 设定不会在定时器指示灯和过滤网指示灯上指示。
* 按下遥控器上的“复位”按钮时，运行模式将被设为“自动模式”。
  尝试操作空调前，请将运行模式调整为“制冷”或“制热”。
* 注：如果未将自定义代码设为“A”，则必须根据室内机的设定来设定遥控器。

6. 功能设定

- 该步骤更改了根据安装情况用来控制室内机的功能设定。不正确的设定可能导致室内机故障。
- 打开电源后，使用遥控器根据安装情况执行“功能设定”。
- 可在以下两种设定中进行选择：
  功能号码或设定号码。
- 如果选择了无效号码或设定号码，将无法更改设定。
- 有关室内机功能号码和设定号码的信息，请参见安装说明书。



进入功能设定模式

- 同时按下风扇控制按钮和温度（▲），然后按复位按钮进入功能设定模式。

第 1 步

设定遥控器信号代码

按照以下步骤选择遥控器的信号代码。（请注意，如果未将空调设定为某个信号代码，遥控器将无法接收该信号代码。）

该步骤设定的信号代码只适用于功能设定中的信号。 有关如何通过正常步骤设定信号代码的详细信息，请参见“选择遥控器的信号代码”。

(1) 按温度（▲）（▼）按钮在 A→b→c→d 之间切换信号代码。
使显示屏上的代码与空调信号代码一致。（初始设定为 A）
（如果不需要选择信号代码，按功能选择按钮并进到第 2 步。）
(2) 按定时模式按钮并确认室内机能够以显示的信号代码接收信号。
(3) 按功能选择按钮接收信号代码，然后进到第 2 步。

出厂时，空调信号代码被设为 A。 请联系授权的专业维修人员改变信号代码。

应在 **6** 中复位信号代码。 在此处设定与设定时相同的代码。

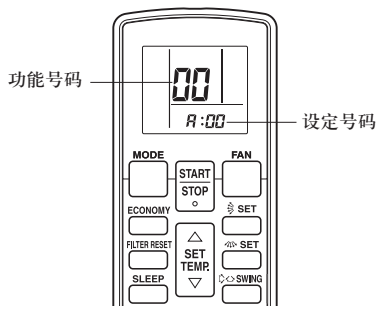
更换遥控器电池时，遥控器将复位成信号代码 A。 如果使用除信号代码 A 以外的信号代码，更换电池后，请将信号代码复位。
如果不清楚空调信号代码设定，请尝试各个信号代码（A→b→c→d）直到找到可运行空调的信号代码。

切换功能号码后，设定地址设定和功能设定。

第 2 步

选择功能号码和设定号码

(1) 按温度（▲）（▼）按钮选择功能号码。
（按功能选择按钮在左侧数字和右侧数字间切换。）
(2) 按风扇控制按钮设定号码。
（再次按风扇控制按钮返回功能号码选择。）
(3) 按温度（▲）（▼）按钮选择设定号码。
（按功能选择按钮在左侧数字和右侧数字间切换。）
(4) 按定时模式按钮，再按开 / 关按钮，按照列出的顺序确认设定。
(5) 按复位按钮取消功能设定模式。
(6) 完成功能设定后，请务必关闭电源再重新打开。



7. 选择遥控器的信号代码

如果一个房间里安装了两台或两台以上空调，但遥控器控制的空调不是您想要设定的空调，可以改变遥控器的信号代码，只运行您想要设定的空调（有 4 种选择）。

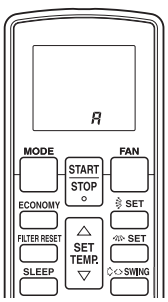
如果一个房间里安装了两台或两台以上空调，请与零售商联系设定各空调的信号代码。

- 确认遥控器信号代码的设定和印刷电路板的设定。
  如果不进行确认，遥控器将无法用来操作空调。

遥控器设定

按照以下步骤选择遥控器的信号代码。（请注意，如果未将空调设定为某个信号代码，遥控器将无法接收该信号代码。）

(1) 按开 / 关按钮直到在遥控器单元显示屏上只显示时钟为止。
(2) 按住功能选择按钮至少 5 秒钟显示当前信号代码（初始设定为 A）。
(3) 按温度（▲）（▼）按钮在 A→b→c→d 之间切换信号代码。
使显示屏上的代码与空调信号代码一致。
(4) 再次按功能选择按钮将恢复时钟显示。信号代码将被更改。



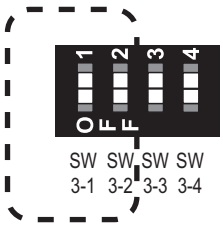
如果显示信号代码后 30 秒内未按任何按钮，系统将恢复为原时钟显示。 此时，请重新从第 1 步开始。

出厂时，空调信号代码被设为 A。请联系零售商改变信号代码。

更换遥控器电池时，遥控器将复位成信号代码 A。 如果使用除信号代码 A 以外的信号代码，更换电池后，请将信号代码复位。
如果不清楚空调信号代码设定，请尝试各个信号代码（A→b→c→d）直到找到可运行空调的信号代码。

室内机设定（示例）

PCB 和开关布局因室内机而异。请参见各室内机的安装说明书。



DIP SW (SET3)
示例 : “SW3-1, 3-2”

表 A

	客户代码			
	A（出厂设置）	b	c	d
DIP SW 3-1	OFF（关）	ON（开）	OFF（关）	ON（开）
DIP SW 3-2	OFF（关）	OFF（关）	ON（开）	ON（开）

由于设定因室内机而异，因此请参见各室内机的安装说明书。

⚠ 注意
• 设定 DIP 开关时，请注意不要损坏印刷电路板的其它部分。

8. 试运行

检查项目

(1) 操作方法

- 有关操作方法，请参见使用说明书。
- 根据室内温度的情况，室外机可能不运行。在这种情况下，空调运行时按遥控器上的试运转按钮。（将遥控器的信号发射器部分指向空调，然后用圆珠笔尖等按试运转按钮。）

- 若要结束试运行，按遥控器的开 / 关按钮。
（按试运转按钮运行空调时，运行指示灯和定时指示灯将同时缓慢闪烁。）
- 如果接收器闪烁 (0.1 秒亮 /0.1 秒暗)，表示发生故障；因此，请立即关闭电源。

(2) 关于遥控器的运行

- 按照使用说明书中的说明检查各按键是否工作正常。
- 由于设定方法因室内机而异，因此请参见各室内机的安装说明书。