## Duct Type SPLIT TYPE AIR CONDITIONER INSTALLATION **INSTRUCTION SHEET**

**A** CAUTION REFRIGERANT IIS PRODUCT MUST ONLY BE INSTALLED OR SERVICED

gulations, codes, installation & operation manuals, before a installation, maintenance and /or service of this product.

(PART NO. 9374815043)

Indoor unit is an appliance not accessible to the general public.

For authorized service personnel only.

<b>⚠</b> DANGER	This mark indicates procedures which, if improperly performed, are most likely to result in the death of or serious injury to the user or service personnel.
<b>⚠ WARNING</b>	This mark indicates procedures which, if improperly performed, might lead to the death or serious injury of the user.
<b>⚠</b> CAUTION	This mark indicates procedures which, if improperly performed, might possibly result in personal harm to the user, or damage to property.

#### **⚠** DANGER

Never touch electrical components immediately after the power supply has been turned off. Electrical shock may occur. After turning off the power, always wait 5 minutes or more before touching electrical components.

### This air conditioner uses new refrigerant HFC (R410A).

The basic installation work procedures are the same as conventional refrigerant models. However, pay careful attention to the following points:

- Since the working pressure is 1.6 times higher than that of conventional refrigerant models, some of the piping and installation and service tools are special. (See the table below.) Especially, when replacing a conventional refrigerant model with a new refrigerant R410A model, always replace the conventional piping and flare nuts with the R410A piping and flare nuts.
- Models that use refrigerant R410A have a different charging port thread diameter to prevent erroneous charging with conventional refrigerant and for safety. Therefore, check beforehand. The charging port thread diameter for R410A is 1/2 UNF 20 threads per inch.]
- Be more careful that foreign matter (oil, water, etc.) does not enter the piping than with refrigerant models. Also, when storing the piping, securely seal the openings by pinching, taping, etc.
- $\widehat{\Psi}$  When charging the refrigerant, take into account the slight change in the composition of the gas and liquid phases, and always charge from the liquid phase side whose composition is stable.

#### Special tools for R410A

Special tools for Harton	
Tool name	Contents of change
Gauge manifold	Pressure is high and cannot be measured with a conventional gauge. To prevent erroneous mixing of other refrigerants, the diameter of each port has been changed.  It is recommended the gauge with seals –0.1 to 5.3 MPa (–76 cmHg to 53 kgf/cm²) for high pressure.  –0.1 to 3.8 MPa (–76 cmHg to 38 kgf/cm²) for low pressure.
Charge hose	To increase pressure resistance, the hose material and base size were changed.
Vacuum pump	A conventional vacuum pump can be used by installing a vacuum pump adapter.
Gas leakage detector	Special gas leakage detector for HFC refrigerant R410A.
0	TI 1

It is necessary to use seamless copper pipes and it is amount of residual oil is less than 40 mg/10m. Do not having a collapsed, deformed or discolored portion (espec surface). Otherwise, the expansion valve or capillary blocked with contaminants.

As an air conditioner using R410A incurs pressure higher conventional refrigerant, it is necessary to choose adequate ma

desirable that the	
use copper pipes	Pip
cially on the interior tube may become	6
•	,
er than when using	1

Thicknesses of copper pipes used with R410A are as shown in the table. Never use copper pipes thinner than that in the table even when it is available on the market

#### Thicknesses of Annealed Copper Pipes (R410A)

Thickness
0.80 mm
0.80 mm
0.80 mm
1.00 mm

#### For authorized service personnel only.

<b>⚠ WARNING</b>
For the room air conditioner to operate satisfactorily, install it as outlined in this installation instruction

- ② Connect the indoor unit and outdoor unit with the room air conditioner piping and cords available standards parts. This installation instruction sheet describes the correct connections using the installation set available from our standard parts.
- ③ Installation work must be performed in accordance with national wiring standards by authorized personne
- ④ If refrigerant leaks while work is being carried out, ventilate the area. If the refrigerant comes in contact with a flame, it produces a toxic gas.
- 5 Do not use an extension cord.
- 6 Do not turn on the power until all installation work is complete.

### **CAUTION**

This installation instruction sheet describes how to install the indoor unit only. To install the outdoor unit, refer to the installation instruction sheet included with the outdoor unit.

- · Be careful not to scratch the room air conditioner when handling it. · After installation, explain correct operation to the customer, using the operating manual.
- · Let the customer keep this installation instruction sheet because it is used when the air conditioner is serviced or

### **SELECTING THE MOUNTING POSITION**

#### **↑** WARNING

Install at a place that can withstand the weight of the indoor and outdoor units and install positively so that the units will not topple or fall.

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				<u> </u>	CAUTI

① Do not install where there is the danger of combustible gas leakage

Do not install near heat sources.

3 If children under 10 years old may approach the unit, take preventive measures so that they cannot reach the unit.

4 Take precautions to prevent the unit from falling.

#### Decide the mounting position with the customer as follows:

(1) Install the indoor unit level on a strong wall, floor, ceiling which is

- not subject to vibration. (2) The inlet and outlet ports should not be obstructed: the air should be able to blow all over the room.
- (3) Install the unit near an electric outlet or special branch circuit.
- (4) Install the unit where connection to the outdoor unit is easy. (5) Install the unit where the drain pipe can be easily installed.
- (6) Take servicing, etc. into consideration and leave the spaces shown on the right. Also install the unit where the filter can be
- (7) Install the indoor unit where vibrations and noise are not ampli-
- (8) When installing the unit on the floor, provide an opening that will allow sufficient air to reach the air inlet panel.
- 10 cm (4") or more Strong and durable floor 10 cm (4") or more 30 cm (1') or more

Strong and durable ceiling

### STANDARD PARTS

#### **INDOOR UNIT ACCESSORIES**

Special nut B

(small flange)

Name and Shape	Q'ty	Application
Installation template	1	For positioning the indoor unit
Hanger	4	For suspending the indoor unit from ceiling
Tapping screw (ø4 × 10)	8	For installing the hanger
Special nut A (large flange)	4	For suspending the indoor unit from ceiling

#### Name and Shape Q'ty Application Coupler For indoor side pipe joint heat insulation (large pipe) (large) For indoor side pipe joint Coupler heat insulation (small pipe) (small) For fixing the coupler heat Binder 9000 BTU/h model 12000 - 22000 BTU/h

Insulates the drain hose

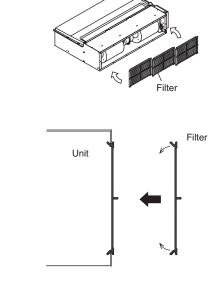
and vinyl hose connection

Drain hose insulation

## **!** WARNING

amplify sound or vibration. is a risk that the unit will come loose. Please take care.

A. CEILING CONCEALED TYPE



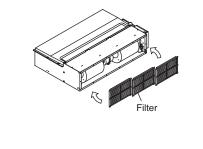
### **INSTALLATION PROCEDURE**

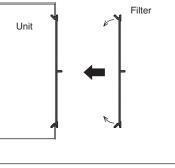
## **INDOOR UNIT**

Install the air conditioner in a location which can withstand a load of at least five times the weight of the main unit and which will not If the installation location is not strong enough, the indoor unit may fall and cause injuries. If the job is done with the panel frame only, there

This unit may also be installed with the air inlet facing down.

**⚠** CAUTION For installation, refer to the technical data.



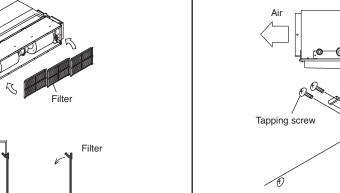


See also 1 - B - 1 for such cases.

## **INSTALLATION**

1. INSTALL THE FILTERS

· Install the filters to the unit.



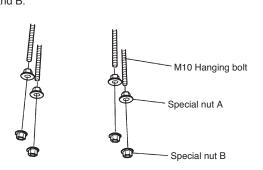
# Installation template

**STALLING THE BOLTS** 

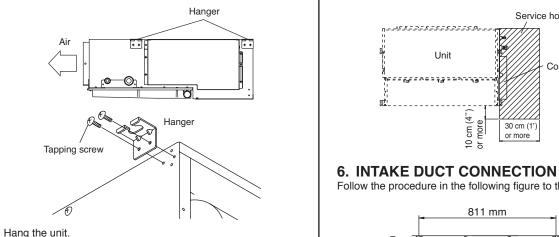
2. DRILLING HOLES FOR BOLTS AND IN-

Using the installation template, drill holes for bolts (4 holes).

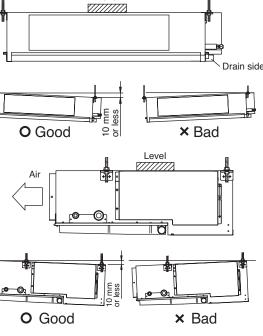
3. INSTALLING THE HANGERS Fasten the hanging bolts to the ceiling and install special nuts



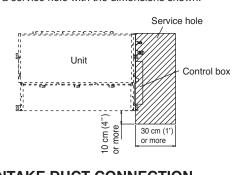
Install the hangers to the unit (4 places).



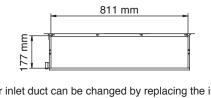
4. LEVELING Base horizontal direction leveling on top of the unit.

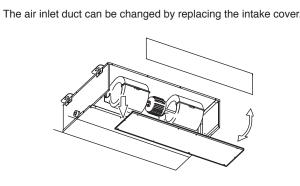


#### 5. SERVICE HOLE DIMENSIONS Open a service hole with the dimensions shown



Follow the procedure in the following figure to the ducts





#### When air is taken in from the bottom side, the operating sound of the product will easily enter

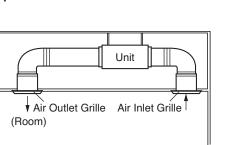
**↑** CAUTION

Install the product and intake grilles where the

## affect of the operating sound is small. **A** CAUTION

damage the temperature sensor. 2 Be sure to install the air inlet grille and the air outlet grille for air circulation. The correct temperature cannot be detected.

1) If an intake duct is installed, take care not to



3 Grills must be fixed so that man cannot touch indoor unit fan, and cannot be removed by only hand operation without tool.

4) Be sure to install the air filter in the air inlet. If the air filter is not installed, the heat exchanger may be clogged and its performance may decrease.

## **CONNECTING THE**

### **⚠** CAUTION

Do not use mineral oil on flared part. Prevent mineral oil from getting into the system as this would reduce the lifetime of the units.

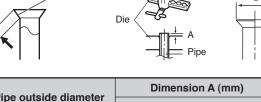
While welding the pipes, be sure to blow dry nitrogen gas through them.

#### 1. FLARING

(1) Cut the connection pipe to the necessary length with a pipe

(2) Hold the pipe downward so that cuttings will not enter the pipe and remove the burrs.

(3) Insert the flare nut (always use the flare nut attached to the indoor and outdoor units respectively) onto the pipe and perform the flare processing with a flare tool. Use the special R410A flare tool, or the conventional flare



Pipe outside diameter	Dimension B <sup>0</sup> <sub>-0.4</sub> (mm)
12.70 mm (1/2 in.)	
9.52 mm (3/8 in.)	0 to 0.5
6.35 mm (1/4 in.)	

9.52 mm (3/8 in.) 12.70 mm (1/2 in.) 16.6 When using conventional flare tools to flare R410A pipes, the dimension A should be approximately 0.5 mm more than

Width across flats Width across flats Pipe outside

diameter of Flare nut 6.35 mm (1/4 in ) 17 mm 9.52 mm (3/8 in.) 22 mm 12.70 mm (1/2 in.) 26 mm

(Continued to the next page.)

### CONNECTING PIPE REQUIREMENT

**A** CAUTION Refer to the installation instruction sheet of the outdoor unit for description of the length of connecting pipe or for difference of its elevation

MODEL		12000 BTU/h model	14000/18000 BTU/h model
Diameter	Small	6.35 mm (1/4 in.)	6.35 mm (1/4 in.)
Diameter	Large	9.52 mm (3/8 in )	12.70 mm (1/2 in )

· Use pipe with water-resistant heat insulation.

### **CAUTION**

Use heat insulation with heat resistance above 120 °C. (Reverse cycle model only)

- Install all electrical works in accordance to the standard.

## **ELECTRICAL REQUIREMENT**

Connection	cord (mm²)
MAX.	MIN.

- · Use conformed cord with Type 245 IEC57.

Install heat insulation around both the gas and liquid pipes. Failure to do so may cause water leaks.

In addition, if the humidity level at the installation location of the refrigerant piping is expected to exceed 70%, install heat insulation around the refrigerant piping. If the expected humidity level is 70-80%, use heat insulation that is 15 mm or thicker and if the expected humidity exceeds 80%, use heat insulation that is 20 mm or thicker. If heat insulation is used that is not as thick as specified, condensation may form on the surface of the insulation. In addition, use heat insulation with heat conductivity of 0.045 W/(m·K) or less (at 20 °C).

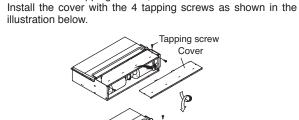
Connection	cord (mm²)
MAX.	MIN.

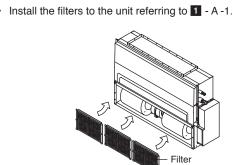
## · Install the disconnect device with a contact gap of at least 3 mm in all poles nearby the units. (Both indoor unit and outdoor unit)

#### 1. INSTALL THE FILTERS Remove the 4 tapping screws, and then remove cover.

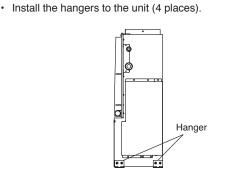
**B. FLOOR STANDING CONCEALED** 

**TYPE** 

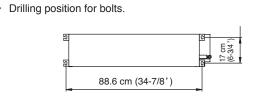




2. INSTALLING THE HANGERS



3. DRILLING HOLES FOR BOLTS AND IN-STALLING THE BOLTS



**CAUTION** Secure with an M10 anchor bolts. If securing the unit to the floor is difficult, first build a stand or

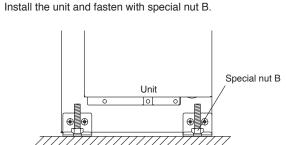
## 30 to 50 mm (1-3/16" to 2-1/36")

**↑** CAUTION

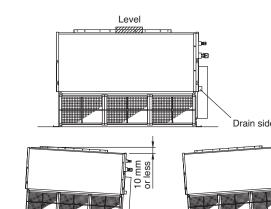
Fasten the unit securely with special nuts A and B

Pass the hanging bolts through the hangers (4 places)

#### 4. INSTALL THE UNIT Fix the unit.



5. LEVELING Base horizontal and vertical direction leveling on top of the unit.



In order to prevent water from leaking around the outlet port, make sure to insulate it (on both the CEILING CONCEALED type and the FLOOR STANDING CONCEALED type).

**NOTE: INSTALLING DRAIN HOSE** 

O Good

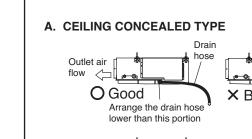
**CAUTION** 

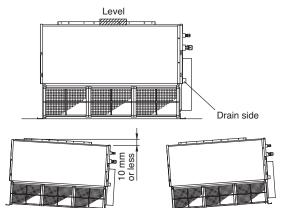
structions in this installation instruction sheet and keep the area warm enough to prevent condensation. Problems with the piping may lead to water

#### **INSTALL THE DRAIN HOSE** Install the drain hose with downward gradient (1/50 to 2/50) and so there are no rises or traps in the hose.

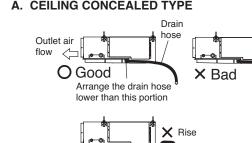
· Use general hard polyvinyl chloride pipe and connect it with adhesive (polyvinyl chloride) so that there is no leakage.

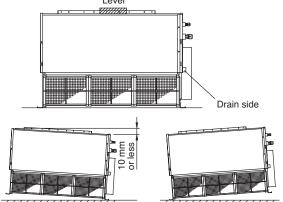
 When the hose is long, install supporters. · Do not perform air bleeding. Always heat insulate the indoor side of the drain hose.





**A** CAUTION





X Bad

Install the drain hose in accordance with the in-

## **B. FLOOR STANDING CONCEALED TYPE** O Good × Bad

1.5 to 2 m (5 to 6.5 ft)

**⚠** CAUTION Install the drain hose so that the control box cover can be removed for servicing

well insulated.

drain hose.

After the wiring is connected and installation of the piping and drain hose is complete, make a seal around the opening in the wall.

The outside diameter of drain port is 26 mm, use a suitable

In order to prevent water from leaking into the

control box, make sure that the drain hose is

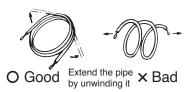
Drain hose insulatio

# Flare tool for R410A, clutch

indicated in the table (for flaring with R410A flare tools) to achieve the specified flaring. Use a thickness gauge to measure the

9.1

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Do not bend the pipes in an angle more than 90° When pipes are repeatedly bent or stretched, the material will harden, making it difficult to bend or stretch them any more. Do not bend or stretch the pipes more than three times.

When bending the pipe, do not bend it as is. The pipe will be Heat insulating collapsed. In this case, cut the Pipe heat insulating pipe with a sharp Cutter cutter as shown on the right, and bend it after exposing the pipe. After bending the pipe as you want, be sure to put the heat insulating pipe back on the pipe, and secure it with tape.

### **⚠** CAUTION

1 To prevent breaking of the pipe, avoid sharp bends Bend the pipe with a radius of curvature of 150 mm or over.

If the pipe is bent repeatedly at the same place, it will break.

#### 3. CONNECTION PIPES

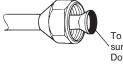
Indoor unit (1) Detach the caps and plugs from the pipes.

#### **⚠** CAUTION

Be sure to apply the pipe against the port on the indoor unit correctly. If the centering is improper, the flare nut cannot be tightened smoothly. If the flare nut is forced to turn, the threads will be damaged.

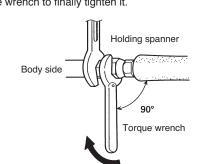
2 Do not remove the flare nut from the indoor unit pipe until immediately before connecting the connection pipe.

(2) Centering the pipe against port on the indoor unit, turn the flare nut with your hand.



o prevent gas leakage, coat the flare surface with alkylbenzene oil (HAB).

(3) When the flare nut is tightened properly by your hand, use a torque wrench to finally tighten it.



**⚠** CAUTION Hold the torque wrench at its grip, keeping it in the right angle with the pipe, in order to tighten the flare nut correctly.

Flare nut	Tightening torque
6.35 mm (1/4 in.) dia.	14 to 18 N·m (140 to 180 kgf·cm)
9.52 mm (3/4 in.) dia.	33 to 42 N·m (330 to 420 kgf·cm)
12.70 mm (1/2 in.) dia.	50 to 62 N·m (500 to 620 kgf·cm)

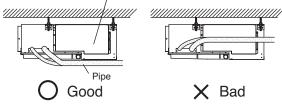
### **A** CAUTION

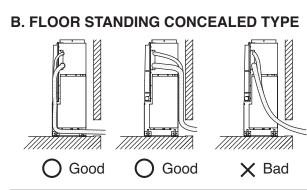
Be sure to connect the large pipe after connecting the small pipe completely.

· Lay the piping.

#### A. CEILING CONCEALED TYPE

Control box cover





**↑** CAUTION Install the piping so that the control box cover

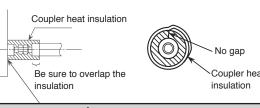
can be removed for servicing.

2 In order to prevent water from leaking into the control box, make sure that the piping is well

#### **INSTALLING THE** 3 **COUPLER HEAT INSULATION**

vinyl tape so that there is no gap.

After checking for gas leaks, insulate by wrapping insulation around the two parts (gas and liquid) of the indoor unit coupling, using the coupler heat insulation After installing the coupler heat insulation, wrap both ends with



Must fit tightly against body without any gap.

**⚠** CAUTION

the solid wire. 2) Using a screwdriver, remove the terminal screw(s) on the terminal board. Using pliers, bend the solid wire to form a loop suitable for the terminal screw. Shape the loop wire properly, place it on the terminal board and tighten securely with the terminal screw using a screwdriver.

A. For solid core wiring

B. For strand wiring

TERMINALS

Cut the wire end with a wire cutter or wire-cutting pliers, then strip the insulation to about 10 mm (3/8") of expose the strand wiring.

**ELECTRICAL WIRING** 

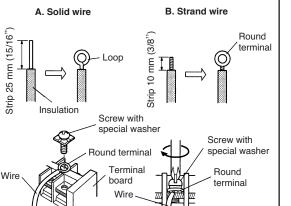
HOW TO CONNECT WIRING TO THE

Cut the wire end with a wire cutter or wire-cutting pliers.

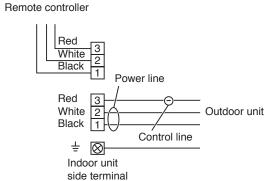
then strip the insulation to about 25 mm (15/16") of expose

2) Using a screwdriver, remove the terminal screw(s) on the terminal board. Using a round terminal fastener or pliers, securely clamp

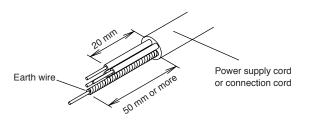
a round terminal to each stripped wire end. Position the round terminal wire, and replace and tighten the terminal screw using a screwdriver.



#### 1. CONNECTION DIAGRAMS



2. CONNECTION CORD PREPARATION Keep the earth wire longer than the other wires.



#### 3. CONNECTION OF WIRING

**⚠ WARNING** Before starting work, check that power is not being supplied to the indoor unit and outdoor

2 Match the terminal board numbers and connection cord colors with those of the outdoor Erroneous wiring may cause burning of the

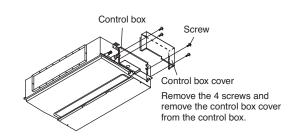
electric parts. 3 Connect the connection cords firmly to the terminal board. Imperfect installation may cause

4 Always fasten the outside covering of the connection cord with the cord clamp. (If the insula-

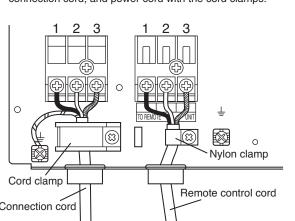
tor is chafed, electric leakage may occur.) 5 Always connect the ground wire.

6 Install the remote controller wires so as not to be direct touched with your hand.

### (1) Remove the control box cover and install each connection



(2) After wiring is complete, secure the remote controller cord connection cord, and power cord with the cord clamps.



### **A** CAUTION

Tighten the indoor unit connection cord (to the outdoor unit) and power supply indoor and outdoor unit terminal board connections firmly with the terminal board screws. Faulty connection may cause a fire.

If the indoor unit connection cord (to the outdoor unit) and power supply are wired incorrectly, the air conditioner may be damaged.

Wire the indoor unit connection cord (to the outdoor unit) by matching the numbers of the outdoor and indoor units terminal board numbers as shown in terminal label.

Ground both the indoor and outdoor units by attaching a ground wire.

Unit shall be grounded in compliance with the applicable local and national codes.

### **FUNCTION SETTING**

Follow the instructions in the Local Setup Procedure, which is supplied with the remote control, in accordance with the installed condition. After the power is turned on, perform the Function

Setting on the remote control. The settings may be selected between the following two: Func-

tion Number or Setting Value. Settings will not be changed if invalid numbers or setting values are selected.

### **Setting the Static Pressure**

Setting Description	Function Number	Setting Value
Normal		00
High static pressure 1	21	01
High static pressure 2		02
High static pressure 3		03

Determine the wind volume in each mode i.e., applicable range of static pressure, refering to [7] STATIC PRESSURE CHARACTERISTICS. (The unit is factory-set to "00".)

**Setting the Cooler Room Temperature Correction** Depending on the installed environment, the room temperature sensor may require a correction. The settings may be selected

as shown in the table below. (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Standard	30	00
Lower control	30	01

#### **Setting the Heater Room Temperature Correction** Depending on the installed environment, the room temperature

sensor may require a correction. The settings may be changed as shown in the table below. (The unit is factory-set to "00".)

Setting Description	Function Number	Setting Value
Standard		00
Lower control	31	01
Slightly warmer control	31	02
Warmer control		03

#### **Setting Other Functions**

The following settings are also possible, depending on the operating conditions. (The unit is factory-set to "00".)

### **Auto Restart**

Setting Description	Function Number	Setting Value
Yes	40	00
No	40	01

#### Indoor Room Temperature Sensor Switching Function (Wired remote controller only)

Setting Description	Function Number	Setting Value
No	40	00
Yes	42	01

• If setting value is "00", room temperature is controlled by the

indoor unit temperature sensor. If setting value is "01", room temperature is controlled by either

indoor unit temperature sensor or remote control unit sensor.

#### [When using the wireless remote controller]

#### SWITCHING REMOTE CONTROL UNIT SIGNAL CODES

Confirm the setting of the remote control unit signal code and the printed circuit board setting.

If these are not confirmed, the remote control unit cannot be used to operate for the air conditioner.

Jumper wire		Remote control unit
JM1	JM2	signal code
Connect	Connect	A (Primary setting)
Disconnect	Connect	b
Connect	Disconnect	С
Disconnect	Disconnect	d

Record any changes to the settings in the following table.

Setting	Setting Value
Static pressure	
Cooler room temperature correction	
Heater room temperature correction	
Auto restart	
Indoor room temperature sensor switching function	

the power and turn it on again.

## **TEST RUN**

### **CHECK ITEMS**

(1) Is operation of each button on the remote control unit nor-

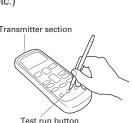
(2) Does each lamp light normally?

(3) Do not air flow direction louvers operate normally? (4) Is the drain normal?

(5) Is there any abnormal noise and vibration during operation? • Do not operate the air conditioner in the running state for a

#### [Using the wireless remote control]

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 control unit while the air conditioner is running. (Point the transmitter section of the remote control unit 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 control unit START/ STOP button. (When the air conditioner is run by pressing the test run button, the OPERATION indicator lamp and TIMER indicator lamp will

### [Using the wired remote control]

(1) Stop the air conditioner operation. (2) Press the master control button and the fan control button simultaneously for 2 seconds or more to start the test run.



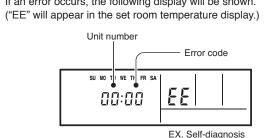


(3) Press the start/stop button to stop the test run.

### [Troubleshooting at the remote control LCD]

### This is possible only on the wired remote control.

[SELF-DIAGNOSIS] If an error occurs, the following display will be shown.



Error contents

Outdoor unit computer communication error

Exessive high pressure protection on cooling

	13 26 27	Indoor signal error
l	00	Wired remote controller abnormal
	02	Indoor room temperature sensor error
	04	Indoor heat exchanger temperature sensor (middle) error
	28	Indoor heat exchanger temperature sensor (inlet) error
	09	Float switch operated
	0C	Outdoor discharge pipe temperature sensor error
	06	Outdoor heat exchanger temperature senso (outlet) error
,	0A	Outdoor temperature sensor error
	15	Compressor temperature sensor error
	1d	2-way valve temperature sensor error
	1E	3-way valve temperature sensor error
	29	Outdoor heat exchanger temperature senso (middle) error
	20	Indoor manual auto switch abnormal
	2A	Power supply frequency detection error
	17	IPM protection
	18	CT error
	1A	Compressor location error
	1b	Outdoor fan error
	1F	Connected indoor unit abnormal

Indoor fan abnormal

4-way valve abnormal

Discharge temperature error

Pressure switch abnormal

Compressor temperature error

Active filter abnormal PFC circuit error If "CO" appears in the unit number display, there is a remote controller error. Refer to the installation instruction sheet included

0F

24

2c

16

2b

with the remote controller.

### **STATIC PRESSURE CHARACTERISTIC**

**A** CAUTION

If the applicable static pressure does not match the static pressure mode, the static pressure mode may be changed to another mode automatically.

**RECOMMENDED RANGE OF EXTERNAL STATIC PRESSURE** 0Pa to 90Pa

### . STATIC PRESSURE MODE

It is necessary to set up a static pressure mode for each usage of static pressure. Determine the applicable range of static pressure in each mode

and wind volume, referring to the TECHNICAL MANUAL.

2. MODE SETTING It is possible to change the setting of static pressure mode. Refer to [5] FUNCTION SETTING and to the INSTALLATION INSTRUC-TION SHEET of remote controller for a setting method.

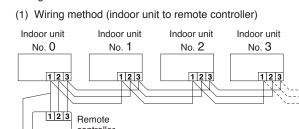
### **SPECIAL INSTALLATION** METHODS

**⚠** CAUTION When setting DIP switches, do not touch any other parts on the circuit board directly with your bare hands.

② Be sure to turn off the main power.

### GROUP CONTROL SYSTEM

A number of indoor units can be operated at the same time using a single remote controller.



Remote controller wire (2) DIP switch setting (Indoor unit) Set the unit number of each indoor unit using DIP switch on the indoor unit circuit board. (See following table and figure.)

DIP switch is normally set to make unit number No. 0.

#### Indoor unit Unit number OFF OFF OFF ON OFF OFF OFF ON OFF ON OFF OFF OFF ON OFF OFF ON OFF ON OFF ON ON OFF OFF ON ON ON OFF OFF OFF ON OFF OFF ON ON OFF OFF ON ON ON OFF ON ON 12 OFF OFF ON ON 13 ON OFF ON ON 14 OFF ON ON ON 15 ON ON ON Example: No. 3

Explain the following to the customer in accordance with the

(1) Starting and stopping method, operation switching, temperature adjustment, timer, air flow switching, and other remote

## **CUSTOMER GUIDANCE**

control unit operations.

change (the system returns to signal code A when the batteries

## operating manual:

(2) Air filter removal and cleaning, and how to use the air

in the remote control unit are replaced).

(3) Give the operating and installation manuals to the customer.

\*(4) is applicable to using wireless remote control.

PART NO. 9374815043

1/11/07 2:17:00 PM

Error code

For the operation method, refer to the operating manual.

simultaneously flash slowly.)



9374815043\_B2.indd 2