

SPLIT TYPE AIR CONDITIONER

Cassette Type

INSTALLATION INSTRUCTION SHEET

(PART NO. 9370937015)

For authorized service personnel only.

IMPORTANT!

Please Read Before Starting

This air conditioning system meets strict safety and operating standards. As the installer or service person, it is an important part of your job to install or service the system so it operates safely and efficiently.

For safe installation and trouble-free operation, you must:

- Carefully read this instruction booklet before beginning.
- Follow each installation or repair step exactly as shown.
- Observe all local, state, and national electrical codes.
- Pay close attention to all danger, warning, and caution notices given in this manual.

WARNING: This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

CAUTION: This symbol refers to a hazard or unsafe practice which can result in personal injury and the potential for product or property damage.

- Hazard alerting symbols
- Electrical
- Safety / alert

If Necessary, Get Help
These instructions are all you need for most installation sites and standard conditions. If you require help for a special problem, contact our sales/service office or your certified dealer for additional instructions.

In Case of Improper Installation
The manufacturer shall in no way be responsible for improper installation or maintenance service, including failure to follow the instructions in this document.

SPECIAL PRECAUTIONS

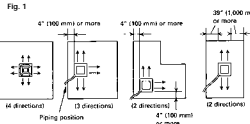
When Wiring
ELECTRICAL SHOCK CAN CAUSE SEVERE PERSONAL INJURY OR DEATH. ONLY A QUALIFIED, EXPERIENCED ELECTRICIAN SHOULD ATTEMPT TO WIRE THIS SYSTEM.

- Do not supply power to the unit until all wiring and tubing are completed and reconnected and checked.
- Highly dangerous electrical voltages are used in this system. Carefully refer to the wiring diagram and these instructions when wiring. Improper connections and inadequate grounding can cause electrical injury or death.
- Ground the unit following local electrical codes.
- Connect all wiring tightly. Loose wiring may cause overheating at connection points and a possible fire hazard.

SELECTING THE MOUNTING POSITION

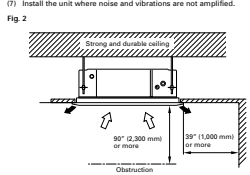
Especially, the installation place is very important for the split type air conditioner because it is very difficult to move from place to place after the first installation.

Decide the mounting position together with the customer as follows: The discharge direction can be selected as shown below.



1. INDOOR UNIT

- (1) Install the indoor unit on a place having a sufficient strength so that it withstands against the weight of the indoor unit.
- (2) The inlet and outlet ports should not be obstructed; the air should be able to blow over the room.
- (3) Leave the space required to service the air conditioner (Fig. 2).
- (4) The ceiling near height as shown in Fig. 2.
- (5) A place from where the air can be distributed evenly throughout the room by the unit.
- (6) A place from where drainage can be extracted outdoors easily.
- (7) Install the unit where noise and vibrations are not amplified.



STANDARD PARTS

The following installation parts are furnished. Use them as required.

INDOOR UNIT ACCESSORIES

Name and Shape	Qty	Application
Coupler heat insulation	2	For indoor side pipe joint
Remote controller cord clamp	10	For installing the remote controller cord
Screw	10	For installing the remote controller cord clamp
Special nut A (large flange)	4	For installing indoor unit
Special nut B (small flange)	4	For installing indoor unit
Remote controller	1	Installation to indoor unit
Template	1	For ceiling hole cutting
Binder	2 (large flange) 1 (small flange)	For remote controller cord binding For remote controller and remote controller cord binding
Blower cover insulation	2	For discharged air
Hook wire	2	For installing intake grille

OUTDOOR UNIT ACCESSORIES

Power cap	1	For power supply cord installation
Auxiliary pipe assembly	1	For piping (gas side) connection
Edge cover	1	For wiring conduit installation hole edge protection
Tapping screw	2	For cabinet A and cabinet D mounting (1) & Spare (1)
Binder	1	For power supply cord binding
Putty	1	For sealing
Coupler heat insulation	1	For outdoor side pipe joint
Pipe (drain)	2	For outdoor unit drain piping work (May not be supplied, depending on the model.)
Flexible tube	2	For outdoor unit drain piping work (May not be supplied, depending on the model.)
Cap (drain)	2	

GENERAL

The INSTALLATION INSTRUCTION SHEET briefly outlines where and how to install the air conditioning system. Please read over the entire set of instructions for the indoor and outdoor units and make sure all accessories listed are with the system before beginning.

1. TYPE OF COPPER PIPE AND INSULATION MATERIAL

Copper tubing for connecting the outdoor unit to the indoor unit and insulation material is available for purchase locally. When you purchase them, please specify the following.

	Outer diameter	Thickness
Small pipe	3/8" (9.5 mm)	1/32" (0.8 mm)
Large pipe	3/4" (19.05 mm)	3/64" (11.0 mm)

Cut each pipe to the appropriate length: 1 1/2" (38 mm) to 16" (40 cm) to dampen vibration between units.

CAUTION
(1) Limit the height difference between the indoor and outdoor units to within 99 ft (30 m).

(2) The maximum length of the piping is 164 ft (50 m). If the units are further apart than this, correct operation can not be guaranteed.

(3) Insulated copper wire for field wiring.

CAUTION
Check local electrical codes and regulations before obtaining wire. Also, check any specified instructions or limitations.

2. ADDITIONAL MATERIALS REQUIRED FOR INSTALLATION

- (1) Refrigeration (armored) tape
- (2) Insulated staples or clamps for connecting wire (See your local electrical codes.)
- (3) Putty
- (4) Refrigeration lubricant
- (5) Clamps or saddles to secure refrigerant piping

3. OPERATING RANGE

	Table 2		
	Temperature	Indoor air intake	Outdoor air intake
Cooling	Maximum	90°F DB, 73°F WB	115°F DB
	Minimum	65°F DB, 57°F WB	32°F DB
Heating	Maximum	80°F DB, -WB	75°F DB, 65°F WB
	Minimum	-DB, -WB	17°F DB, -WB

ELECTRICAL REQUIREMENT

Always make the air conditioner power supply a special branch circuit and provide a special switch and receptacle. Do not extend the power cord.

Model	CAUTION	
	36,000 BTU	42,000 BTU
MINIMUM CIRCUIT AMPACITY	30 A	36 A
MAXIMUM OVERCURRENT PROTECTION (TIME DELAY FUSE OR HACR TYPE CIRCUIT BREAKER)	35 A	40 A

INSTALLATION PROCEDURE

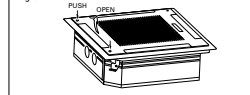
Install the air conditioner as follows:

1 INDOOR UNIT INSTALLATION

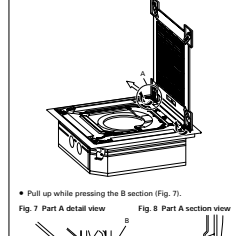
- WARNING**
● Install the air conditioner in a location which can withstand a load of at least five times the weight of the main unit and which will not amplify sound or vibration. If the installation location is not strong enough, the indoor unit may fall and cause injuries.
- If the job is done with the panel frame only, there is a risk that the unit will come loose. Please take care.

REMOVING THE INTAKE GRILLE

- (1) Push the intake grille pushbuttons two places.
- (2) Open the intake grille.



- (3) Remove the grille hinge wire.



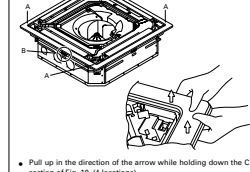
- (4) Remove the intake grille.

REMOVING THE PANEL FRAME

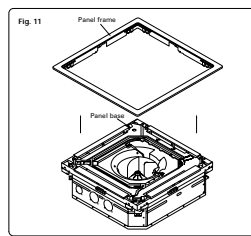
- Pull up the corner sections (A) of the panel frame as shown in Fig. 9. (4 locations)



- (1) Limit the height difference between the indoor and outdoor units to within 99 ft (30 m).
- (2) The maximum length of the piping is 164 ft (50 m). If the units are further apart than this, correct operation can not be guaranteed.
- (3) Insulated copper wire for field wiring.

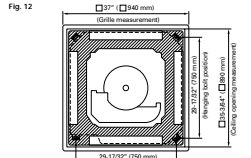


- Pull up in the direction of the arrow while holding down the C section of Fig. 10. (4 locations)



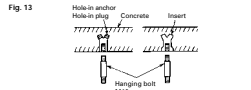
CAUTION
Always remove the panel frame after removing the intake grille.

1. POSITIONING THE CEILING HOLE AND HANGING BOLTS



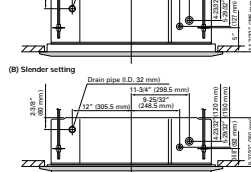
2. HANGING PREPARATIONS

- Firmly fasten the hanging bolts as shown in Fig. 13 or by another method.
- Install the hanging bolts at a place where they would be capable of holding a weight of at least 50 kgf per bolt.



(A) Standard setting

(B) Slender setting



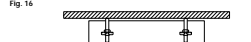
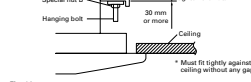
3. BODY INSTALLATION

(The ceiling near height is 11.722" (295 mm) or more.) [Standard setting]
(The ceiling near height is 27.222" (695 mm) or more.) [Slender setting]

- (1) Install special nut A, then special nut B onto the hanging bolt (Fig. 15).
- (2) Raise the body and mount its hooks onto the hanging bolt between the special nuts (Fig. 15).
- (3) Turn special nut B to adjust the height of the body (Fig. 15).

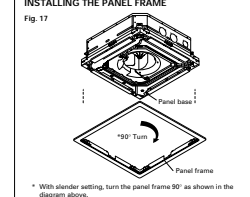
Using a level, or vinyl hose filled with water, fine adjust so that the body is level.

WARNING
Perform final tightening by lightening the double nut firmly.



* Allowable space between the unit and ceiling: 5 mm or less

INSTALLING THE PANEL FRAME



* With slender setting, turn the panel frame 90° as shown in the diagram above.

Grille setting method has been changed at the marked positions on the panel frame and power base.

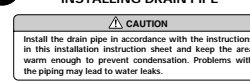


* Appearance of slender setting

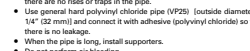
2. INSTALLING DRAIN PIPE

CAUTION
Install the drain pipe in accordance with the instructions in this installation instruction sheet and keep the area warm enough to prevent condensation. Problems with the piping may lead to water leaks.

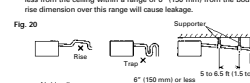
NOTE: Install the drain pipe.
● Install the drain pipe with downward gradient (1/50 to 1/100) and so there are no rises or traps in the pipe.
● Use general hard polyvinyl chloride pipe (PVC) (outside diameter 1 1/4" (32 mm) and connect it with adhesive (polyvinyl chloride) so there is no leakage.
● When the pipe is long, install supporters.
● Do not perform air bleeding.
● Always heat insulate the indoor-side of the drain pipe.
● When desiring a high drain pipe height, raise it up to 21" (500 mm) or less from the ceiling within a range of 6" (150 mm) from the body. A rise dimension over this range will cause leakage.



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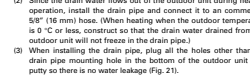


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3. OUTDOOR UNIT INSTALLATION

1. OUTDOOR UNIT PROCESSING

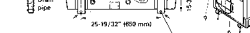
- (1) When the outdoor unit will be exposed to strong wind, fasten it with bolts or wire at the four places indicated by the arrows (Fig. 21).
- (2) Since the drain water flows out of the outdoor unit during heating operation, install the drain pipe and connect it to an commercial 5/8" (16 mm) hose. (When heating when the outdoor temperature is 10 °C or less, construct so that the drain water drained from the outdoor unit will not freeze in the drain pipe.)
- (3) When installing the drain pipe, plug all the holes other than the drain pipe mounting hole in the bottom of the outdoor unit with putty so there is no water leakage (Fig. 21).



(4) Always use a drain pipe at two places.

2. OUTDOOR UNIT CONNECTION CORD AND PIPE CONNECTION PREPARATIONS

- (1) Piping and connection cord mounting direction (4-way mounting possible).



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

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

3. CONNECTION PIPES

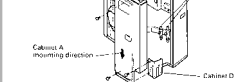
- (1) Indoor unit side



- (2) Remove outdoor unit cabinet A and cabinet D.



* After removing the screws, remove cabinet A by pushing it down.



* Use the accessory screws at this point only.

- (3) Open the piping and connection cord knockout holes at the desired direction with rippers, etc. After opening the knockout holes, install the accessory edge cover and power cap to protect the opened places.



* When pipe bending work is difficult inside the outdoor unit, use the accessory auxiliary pipe assembly.

- (4) Connect the piping and power supply cord from the mounting holes.



* When pipe bending work is difficult inside the outdoor unit, use the accessory auxiliary pipe assembly.

- (1) FLARE PROCESSING

- (1) Cut the connection pipe with pipe cutters so that the pipe is not deformed.
- (2) Holding the pipe downward so that cuttings cannot enter the pipe and remove the burrs.
- (3) Remove the flare nut from the indoor unit pipe and outdoor unit and assemble as shown in Table 3 and insert the flare nut onto the pipe, and flare with a flaring tool.
- (4) Check if the flared part "L" (Fig. 26) is spread uniformly and that there are no cracks.

Pipe	Flare nut
Small pipe	Small (width across flats 7/8" (22 mm))
Large pipe	Large (width across flats 1.1322" (36 mm))



NOTE: Install the drain pipe.
● Install the drain pipe with downward gradient (1/50 to 1/100) and so there are no rises or traps in the pipe.
● Use general hard polyvinyl chloride pipe (PVC) (outside diameter 1 1/4" (32 mm) and connect it with adhesive (polyvinyl chloride) so there is no leakage.
● When the pipe is long, install supporters.
● Do not perform air bleeding.
● Always heat insulate the indoor-side of the drain pipe.
● When desiring a high drain pipe height, raise it up to 21" (500 mm) or less from the ceiling within a range of 6" (150 mm) from the body. A rise dimension over this range will cause leakage.

2. BENDING PIPES

- (1) The pipes are shaped by your hands. Be careful not to collapse them.



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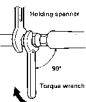
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● When the pipe is long, install supporters.
● Do not perform air bleeding.
● Always heat insulate the indoor-side of the drain pipe.
● When desiring a high drain pipe height, raise it up to 21" (500 mm

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

When the flare nut is tightened properly by your hand, hold the body side coupling with a separate spanner, then tighten with a torque wrench (Fig. 30).

Fig. 30



CAUTION

Hold the torque wrench at its grip, keeping it in the right angle with the pipe as shown in Fig. 30, in order to tighten the flare nut correctly.

Table 4: Flare nut tightening torque

Pipe	Tightening torque
Small pipe	22.42 to 25.32 ft-lbs (310 to 350 kgf-cm)
Large pipe	57.86 to 72.37 ft-lbs (800 to 1,000 kgf-cm)

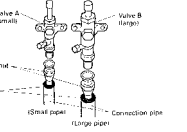
CAUTION

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

2) Outdoor unit side

- Tighten the flare nut of the connection pipe at the outdoor unit valve connector. The tightening method is the same as that at the indoor side.
- Seal with the accessory putty so that water does not enter at the top of the pipe insulation installed to the connection pipe (large pipe and small pipe).

Fig. 31



5. VACUUM PROCESS

- VACUUM**
 - Vacuum inside the indoor unit and the piping to a pressure of 15 mmHg abs or less from the charging valve with a vacuum pump.
 - After vacuuming inside the indoor unit and the piping, remove the cap of the two valves.
 - Open the handle of the two valves from the closed state (Table 5).
 - Tighten the cap of the two valves to the specified torque.

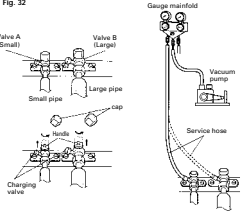
Table 5

Handle	Tightening torque	
	Large valve	Small valve
Cap	15 kgf-cm (1.47 N-m) or less	150 to 200 kgf-cm (14.7 to 19.6 N-m)

Table 6

Open valve state	Closed valve state

* If the handle is not fully open, performance will drop and an abnormal sound will be generated.



2. ADDITIONAL CHARGE

Refrigerant suitable for a piping length of 66 ft (20 m) is charged in the outdoor unit at the factory. When the piping is longer than 66 ft (20 m), additional charging is necessary. For the additional amount, see the table below.

Table 7

Pipe length	66 ft (20 m)	99 ft (30 m)	132 ft (40 m)	164 ft (50 m)
Additional refrigerant	None	14.1 oz (400 g)	28.2 oz (800 g)	42.3 oz (1,200 g)

Between 66 ft (20 m) and 164 ft (50 m), when using a connection pipe other than that in the table, charge additional refrigerant with 1.41 oz (40 g) (2.31 g/l) as the criteria.

CAUTION

- When charging the refrigerant, always use a measuring cylinder.
- Add refrigerant from the charging valve after the completion of the work.

6. GAS LEAKAGE INSPECTION

CAUTION

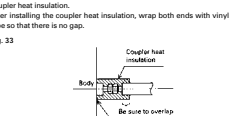
After connecting the piping, check the joints for gas leakage with gas leak detector.

7. INSTALLING THE COUPLER HEAT INSULATION

After checking for gas leaks, insulate by wrapping insulation around the two parts (large and small) of the indoor unit coupling, using the coupler heat insulation.

After installing the coupler heat insulation, wrap both ends with vinyl tape so that there is no gap.

Fig. 33



CAUTION

Must fit tightly against body without any gap.

8. ELECTRICAL WIRING

HOW TO CONNECT WIRING TO THE TERMINALS

A. For solid core wiring (or F-cable)

- Cut the wire end with a wire cutter or wire-cutting pliers, then strip the insulation to about 3/8" (9.5 mm) to expose the solid wire.
- Using a screwdriver, remove the terminal screws 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.

B. For strand wiring

- Cut the wire end with a wire cutter or wire-cutting pliers, then strip the insulation to about 3/8" (9.5 mm) to expose the strand wiring.
- Using a screwdriver, remove the terminal screws 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.

Fig. 34

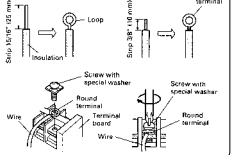
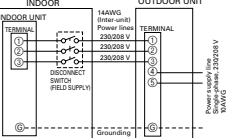


Fig. 35



WARNING

- Before starting work, check that power is not being supplied to the outdoor unit.
- Match the terminal board numbers and connection cord colors with those of the outdoor unit. Erroneous wiring may cause burnout of the electric parts.
- Connect the connection cord firmly to the terminal board. Imperfect installation may cause a fire.
- Always fasten the outdoor covering of the connection cord with the cord clamp. If the insulator is chafed, electric leakage may occur.
- Always connect the ground wire.

1. INDOOR UNIT SIDE

- Remove the control box cover and terminal box cover and install the connection cord and remote controller cord.

Fig. 36

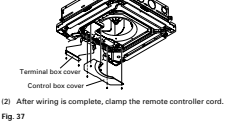
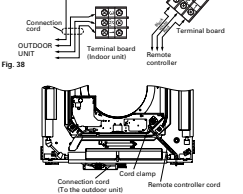


Fig. 37



Ceiling height setting

Set the DIP switch for the ceiling height according to the table below.

Table 8

Ceiling height (m)	DIP SW4		
	1	2	3
2.5 - 3.0	Normal	OFF	OFF
3.0 - 3.5	High ceiling 1	ON	OFF
More than 3.5	High ceiling 2	OFF	ON
Less than 2.5	Low ceiling	ON	ON

Fig. 39



CAUTION

- If the setting for a low ceiling is selected, the capacity of the air conditioner decreases slightly.
- Do not set any switches other than those specified in this sheet or the remote controller installation instruction sheet. The air conditioner may not operate correctly if any switches other than those specified are changed.

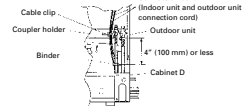
2. OUTDOOR UNIT SIDE

- Remove the plugs on the Cabinet D.
- Temporarily mount the conduit tubes on the Cabinet D.
- Properly connect both the power supply and inter-unit lines to the corresponding terminals on the terminal board. Refer to the wiring system diagram in Fig. 35.
- Ground the unit in accordance with local codes.
- Be sure to size each wire allowing several inches longer than the required length for wiring.
- Use lock nuts to secure the conduit tube.

Fig. 40



Fig. 41

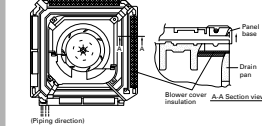


9. GRILLE INSTALLATION

BLOWER COVER INSULATION

Install the blower cover insulation only when the outlet direction is not specified. Two blower cover insulations are packed with the indoor unit. Install the blower cover insulation at the diffuser position shown in Fig. 42. At this time, use the piping position as the criteria.

Fig. 42



INSTALLING THE INTAKE GRILLE

- Mount the grille hinge wire to the hook shaft as shown in Fig. 43.

Fig. 43



2) Install the hook wire.

Pass the hook wire through the panel base from the rear side as shown in Fig. 45, and fasten to the uncolored metal fitting of the intake grille using a screw.

Fig. 44



Fig. 45

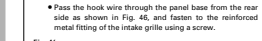


Fig. 46

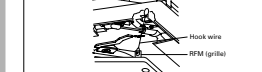


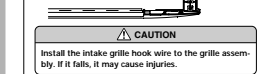
Fig. 47



Fig. 48



Fig. 49



CAUTION

Install the intake grille by pushing it up at an angle as shown in Figs. 46, 48, and fasten.

Fig. 48



Fig. 49



10. POWER

WARNING

- The rated voltage of this product is 230/208 V.A.C. 60 Hz.
- Before turning on the verify that the voltage is within the 10% V to 253 V range.
- Always use a special branch circuit and install a special receptacle to supply power to the air conditioner.
- Use a circuit breaker and receptacle matched to the capacity of the air conditioner.
- The circuit breaker is installed in the permanent wiring. Always use a circuit that can trip all of the poles of the wiring and has an isolation distance of at least 3 mm between the contacts of each pole.
- Perform wiring work in accordance with standards so that the air conditioner can be operated safely and positively.
- Install a leakage circuit breaker in accordance with the related laws and regulations and electric company standards.

CAUTION

- The power source capacity must be the sum of the air conditioner current and the current of other electrical appliances. When the current carrying capacity is insufficient, change the circuit capacity.
- When the voltage is low and the air conditioner is difficult to start, contact the power company to have the voltage raised.

11. REMOTE CONTROLLER INSTALLATION

When mounting the remote controller, refer to the enclosed REMOTE CONTROLLER INSTALLATION INSTRUCTION SHEET. Then, make the necessary settings on both the remote controller and the main unit.

- Insert the end of a flat blade screwdriver at the arrow points of the groove at the side of the remote controller case and remove the remote controller case top by turning the screwdriver.
- Disconnect the remote controller cord from the remote controller terminal board.

Fig. 50

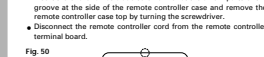


Fig. 51



Fig. 52

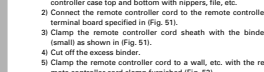


Fig. 53



Fig. 54

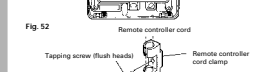


Fig. 55

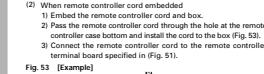
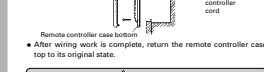


Fig. 56



CAUTION

- Do not bundle the remote controller cord, or wire the remote controller cord in parallel, with the indoor unit connection wire (to the outdoor unit) and the power supply cord. It may cause erroneous operation.
- When installing the remote controller cord near a source of electromagnetic waves, separate the remote controller from the source of the electromagnetic waves and use shielded cord.
- Do not touch the remote controller PC board and PC board parts directly with your hands.

12. TEST RUNNING

1. REMOTE CONTROLLER

- Supply power to the crankcase heater 12 hours before the start of operation in the winter.
- For test running, when the remote controller FAN CONTROL button and MASTER CONTROL button are pressed simultaneously for more than three seconds when the air conditioner is not running, the air conditioner starts and TEST is displayed on the remote controller display. However, the TEMP./DAY setting button does not function, but all other buttons, displays, and protection functions operate (Fig. 54).

Fig. 54

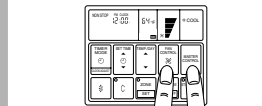


Fig. 55

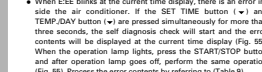


Table 9

Error code	Error contents
E100	Communication error (Indoor unit ← remote controller)
E101	Communication error (Indoor unit → outdoor unit)
E102	Room temperature sensor open
E103	Room temperature sensor shortcircuited
E104	Indoor heat exchanger temperature sensor open
E105	Indoor heat exchanger temperature sensor shortcircuited
E106	Outdoor heat exchanger temperature sensor open
E107	Outdoor heat exchanger temperature sensor shortcircuited
E108	Power source connection error
E109	Float switch opened
E110	Outdoor temperature sensor open
E111	Outdoor temperature sensor shortcircuited
E112	Discharge pipe temperature sensor open
E113	Discharge pipe temperature sensor shortcircuited
E114	Outdoor high pressure abnormal
E115	Discharge pipe temperature abnormal
E116	Model abnormal
E117	Indoor fan abnormal
E118	Outdoor signal abnormal
E119	Outdoor EEPROM abnormal

Table 10

Error contents	LED1	LED2	LED3	LED4	LED5	LED6
Signal abnormal	—	—	×	×	×	×
Indoor unit abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×
Outdoor heat exchanger temperature abnormal	—	—	×	×	×	×
Outdoor temperature abnormal	—	—	×	×	×	×
Power source connection error	—	—	×	×	×	×
EEPROM abnormal	—	—	×	×	×	×
Outdoor high pressure abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×

Table 11

Error contents	LED1	LED2	LED3	LED4	LED5	LED6
Signal abnormal	—	—	×	×	×	×
Indoor unit abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×
Outdoor heat exchanger temperature abnormal	—	—	×	×	×	×
Outdoor temperature abnormal	—	—	×	×	×	×
Power source connection error	—	—	×	×	×	×
EEPROM abnormal	—	—	×	×	×	×
Outdoor high pressure abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×

Table 12

Error contents	LED1	LED2	LED3	LED4	LED5	LED6
Signal abnormal	—	—	×	×	×	×
Indoor unit abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×
Outdoor heat exchanger temperature abnormal	—	—	×	×	×	×
Outdoor temperature abnormal	—	—	×	×	×	×
Power source connection error	—	—	×	×	×	×
EEPROM abnormal	—	—	×	×	×	×
Outdoor high pressure abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×

Table 13

Error contents	LED1	LED2	LED3	LED4	LED5	LED6
Signal abnormal	—	—	×	×	×	×
Indoor unit abnormal	—	—	×	×	×	×
Discharge pipe temperature abnormal	—	—	×	×	×	×
Outdoor heat exchanger temperature abnormal	—	—	×	×	×	×
Outdoor temperature abnormal	—					