

INSTALLATION MANUAL

airHome 600

SPLIT UNIT AIR CONDITIONER

INDOOR UNIT
RAK-GJ09PHAA



OUTDOOR UNIT
RAC-GJ09WHAA

EN INSTRUCTION MANUAL

FOR SERVICE PERSONNEL ONLY

- Carefully read through the procedures of proper installation before starting installation work.
- The sales agent should inform customers regarding the correct operation of installation.

Tools Needed For Installation Work

- Mark is tool exclusive use for R32
- Screwdriver
- Measuring Tape
- Knife
- Saw
- Pipe Cutter
- Hexagonal Wrench Key (5/32" (4mm))
- Power Drill (ø 2-18/32" (65mm) ~ ø 3-5/32" (80mm))
- Vacuum Pump
- Pliers or Wrench
- Torque Wrench
- Vacuum Pump Adaptor
- Flare Tool
- Gas Leakage Detector
- Manifold Valve
- Charge Hose
- Reamer
- File

SAFETY PRECAUTION

- Read the safety precautions carefully before operating the unit.
- This appliance is filled with R32.
- The contents of this section are vital to ensure safety. Please pay special attention to the following sign.
- WARNING** Incorrect methods of installation may cause death or serious injury.
- CAUTION** Improper installation may result in serious consequence.
- Make sure to connect earth line.**
- This sign in the figures indicates prohibition.**



Access the full version of the User Installation Manual by scanning the code.

Cooling & Heating

<IA2689: A>

THE CHOICE OF MOUNTING SITE (Please note the following matters and obtain permission from customer before installation).

- WARNING**
 - The unit should be mounted at stable, non-vibratory location which can provide full support to the unit.
- CAUTION**
 - No nearby heat source and no obstruction near the air outlet is allowed.
 - The clearance distances from top, right and left are specified in figure below.
 - The location must be convenient for water drainage and pipe connection with the Outdoor Unit.
 - To avoid interference from noise please place the unit and its remote controller at least 3-9/32t (1m) from the radio, television and inverter type fluorescent lamp.
 - To avoid any error in signal transmission from the remote controller, please put the controller far away from high-frequency machines and high-power wireless systems.
 - The installation height of indoor unit must be 7-35/64t (2.3m) or more.
- OUTDOOR UNIT WARNING**
 - The outdoor unit must be mounted at a location which can support heavy weight. Otherwise, noise and vibration will increase.
- CAUTION**
 - A circuit breaker or fuse must be installed. Without a circuit breaker or fuse the danger of electric shock exists. The external switch shall be incorporated to completely disconnect from power supply. It should disconnect all poles, and a contact separation of at least 4/32" (3mm) must be present.
 - Do not install the unit near a location where there is flammable gas. The outdoor unit may catch fire if flammable gas leaks around it.
 - Do not install the indoor unit in a machine shop, kitchen and laundry rooms when vapor from oil or its mist flows to the indoor unit. The oil will deposit on the heat exchanger, thereby reducing the indoor unit performance and may deform and in the worst case, break the plastic parts of the indoor unit.
 - Please ensure smooth flow of water when installing the drain hose.
 - Piping shall be suitable supported with a maximum spacing of 3-9/32t (1m) between the supports.
 - Selecting the installation location: Suitable location that will reduce the impact from rain and direct sun that may affect the unit performance. Besides that, ventilation must be good and clear of obstruction.
 - The air blown out of the unit should not point directly to animals or plants.
 - The clearances of the unit from top, left, right and front are specified in figure below. At least three of the above sides must be open air.
 - Be sure that the hot air blown out of the unit and noise do not disturb the neighbourhood.
 - Do not install at a location where there is flammable gas, steam, oil and smoke.
 - The location must be convenient for water drainage.
 - Place the outdoor unit and its connecting wire at least 3-9/32t (1m) away from the antenna or signal line of television, radio or telephone. This is to avoid noise interference.
 - Do not install outdoor unit facing strong wind direction. It may damage the fan motor.
 - Do not install the outdoor unit in a place where small animals may build their nests. If small animal goes inside the unit and touches the electrical parts, failure of the unit, smoke or fire may be caused. Request your customer to keep the surrounding of the unit is clean.
 - Safety dispose all packing and transportation materials in accordance with federal/state/local laws ordinances. Packing materials such as nails and other metal or wood parts, including plastic packing materials used for transportation may cause injuries or death by suffocation.
 - The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations. Storage package protection should be constructed in such a way that mechanical damage to the equipment inside the package will not cause a leak of the REFRIGERANT CHARGE.

Names of Indoor Components

No.	Component's Name	Qty
①	Mounting Plate	1
②	Screw for Mounting Plate (5/32 x 1-17/64) (4.1 x 32)	6
③	Holder for Remote Controller	1
④	AAA Size Battery	2
⑤	Screw for holder of Remote Controller (1/8 x 5/8) (3.1 x 16)	2
⑥	Remote Controller	1
⑦	Purifying Filter	2
⑧	Wi-Fi Adapter	1

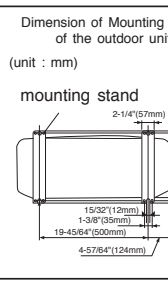
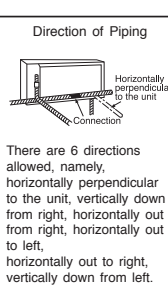
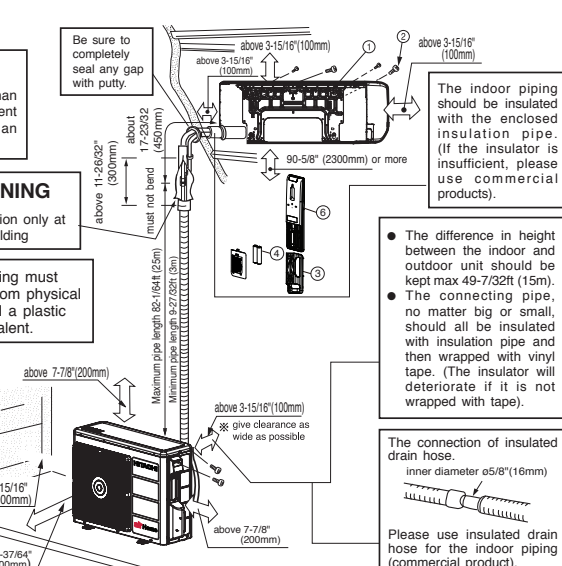


Figure showing the Installation of Indoor and Outdoor Unit.

- CAUTION**
 - In case the pipe length is more than the recommended length for chargeless, add refrigerant R32 as below. Do not exceed the maximum pipe length.
- CAUTION**
 - This unit is chargeless up 49-7/32t (15m) pipe length.
 - Installation of pipe length less than minimum pipe length requirement 9-27/32t (3m) may generate an abnormal sound.



- CAUTION**
 - A brazed, welded or mechanical connection shall be made before opening the valves to permit refrigerant to flow between the refrigerating system parts. A vacuum valve shall be provided to evacuate the interconnecting pipe and/or any uncharged refrigerating system.
 - Mechanical connectors used indoor shall comply with ISO 14903. When mechanical connectors are reused indoors, sealing parts shall be renewed. When flare joints are reused indoors, the flare part shall be re-fabricated.
 - Refrigerant tubing shall be protected or enclosed to avoid damage.

1 Installation of Hanger, Wall Penetration and Installation of Protection Pipe

CAUTION

- The draining of the water container inside the indoor unit can be done from the left. Therefore the mounting plate must be fixed horizontally or slightly tilted towards the side of drain hose. Otherwise, condensed water may overflow the water container.

Direct Mounting On The Wall

- Please use hidden beams in the wall to hold the mounting plate.

Screw the hanger at the positions possibly near the upper and lower hooks where the indoor unit is hung. Use 4 or more screws to fix the hanger.

Procedures of Installation and Precautions

Procedures to fix the mounting plate.

- Drill holes on wall.
- Push plug into the holes.
- Fix the mounting plate on wall with 5/32 x 1-17/64 (4.1 x 32) screw (As shown in figure below)

Procedures to fix the holder of remote control.

- Drill holes on wall.
- Push plug into the holes. (As shown below)

Wall Penetration and Installation of Protection Pipe

- Drill a ø 2-9/16" (65mm) hole on wall which is slightly tilted towards the outdoor side. Drill the wall at a small angle.
- Cut the protection pipe according to the wall thickness.
- Empty gap in the sleeve of protection pipe should be completely sealed with putty to avoid dripping of rain water into the room.

WARNING

Be sure that the wire is not in contact with any metal in the wall. Please use the protection pipe as wire passing through the hollow part of the wall so as to prevent the possibility of damaged by mouse. Unless it seals completely, any air with high humidity flows from outdoor and dew may drop.

2 Installation of the Indoor Unit

VERTICALLY DOWNWARD PIPING

Preparation

- Connect connecting cord.
- Pull out the pipe, connecting cord and drain hose.

Installation

- The upper part of the indoor unit is hanged on the mounting plate.
- The projection at the lower part of the indoor unit is hooked onto the mounting plate.

CAUTION

Please pull the lower part of the indoor unit outwards to check if the unit is hooked onto the mounting plate. Improper installation may cause vibration and noise.

HORIZONTAL PIPING

Preparation

Change of Drain Hose and Installation Procedures.

- Exchange the location of drain hose and drain cap during horizontal piping as shown in figure below. Be sure to plug in the drain hose until the insulating material folds upon itself.

- Please use pliers to pull out the drain cap. (This is an easier way to remove the drain cap.)

Remove the cap for drain hose installation

CAUTION

Following bending from left to right directly could cause damage to pipe.

GOOD

For right piping, follow the instruction as below:

- Press the upper side of clamp
- Unfold the pipe to downward slowly.
- Bend the pipe to the right side of chassis.

BAD

Following bending from left to right directly could cause damage to pipe.

CAUTION

Condensed water may leak out if not inserted properly.

INSTALLATION OF REFRIGERATING PIPES AFTER CONNECTION

- The refrigerating pipes should be adjusted to fit into the hole on the wall and then ready for further connection.
- The terminals of 2 connected pipes must be covered with insulator used for terminal connection. Then the pipes are wrapped with insulation pipe.
- Connect the connecting cord after removing electrical cover. (Refer to "CONNECTION OF POWER CORD")
- After adjustment, fit the connecting cord and pipes into the space available under the indoor unit.
- When connection is at left side, refrigerating pipe and cabinet shall be tied together. Failing to do so may cause the unit bottom side become warping. Excess binder shall be cut to prevent abnormal sound and water dripping.

CAUTION

- The rubber strap used for fixing the insulator should not be tied with great force. Otherwise, this will damage heat insulation and causes water condensation.

THE CONNECTION OF REFRIGERATING PIPE DURING THE INSTALLATION OF INDOOR UNIT

Preparation To Install Refrigerating Pipes

- The end of the refrigerating pipes are at locations marked with "▽" symbol.

CAUTION

- Please fix in the plastic core after flaring to avoid copper chips entering the pipes.

Installation

Hang the indoor unit onto the mounting plate. Use the temporary stand at the back of the indoor unit to push its lower part 5-29/32" (150mm) forwards.

- Place the drain hose through the hole on the wall.
- Wrap the refrigerating pipes with insulation pipe after connecting refrigerating pipe.
- Connect the connecting cord after removing electrical cover. (Refer to "Connection of Power Cord")
- After adjustment, the connecting cord and refrigerating pipes are placed into the space available under the indoor unit.
- The projection of indoor unit must hook to the mounting plate.

CAUTION

Pull this to the front during the connection of refrigerating pipes to ease task.

3 Installation of Drain Hose

CAUTION

- Do not guide the drain hose to places where corrosive gases (sulfur, ammonia, etc.) are generated, such as septic tanks and sewer. Corrosive gas may flow backward from the drain hose to the indoor unit, corrode the copper pipe, or it may cause offensive odors in the room.
- Cut the drain hose at a position 3-15/16" (100mm) higher than the floor surface. It may cause water leakage due to air lock or clogging of foreign matter.

CAUTION

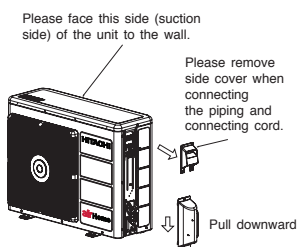
- Be sure that the drain hose is not loosely connected or bend.

CAUTION

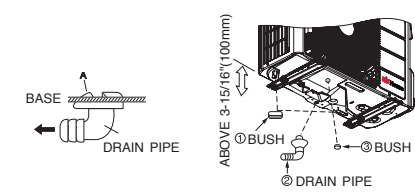
You are free to choose the side (left or right) for the installation of drain hose. Please ensure the smooth flow of condensed water of the Indoor unit during installation. (Carelessness may result in water leakage.)

OUTDOOR UNIT

- Please mount the outdoor unit on stable ground to prevent vibration and increase of noise level.
- Decide the location for piping after sorting out the different types of pipe available.
- Open the side plate by unscrewing the screws as shown below.



- CONDENSED WATER DISPOSAL OF OUTDOOR UNIT**
- There are holes on the base of Outdoor unit for condensed water to exhaust.
 - In order to flow condensed water to the drain, the unit is installed on a stand or a block so that the unit is 3-15/16" (100mm) above the ground as shown figure. Join the drain pipe to one hole.
 - At first insert one portion of the hook to the base (Portion A), then pull the drain pipe in the direction shown by the arrow while inserting the hook into the base. After installation, check whether the drain pipe cling to the base firmly.



When Using and Installing in Cold Areas
When the air conditioner is used in low temperature and in snowy conditions, water from the heat exchanger may freeze on the base surface to cause poor drainage. When using the air conditioner in such areas, do not install the bushings. Keep a minimum of 9-27/32" (250mm) between the drain hole and the ground. When using the drain pipe, consult your sales agent.

※ For more details, refer to the installation Manual for Cold Areas.

WARNING

- Use the two spanners on the service valve nuts to tighten and loosen so that the service valve will not deform. Gas leak from the crushed part, stagnation, touching fire, rarely cause ignition.



PURGING OF REFRIGERANT IS PROHIBITED

Purging of refrigerant will cause the unit to be lacked of refrigerant which may affect the capacity performance and lead to severe dew formation causing problem such as dew water drop or splashing from the unit.

WARNING

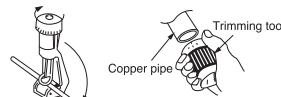
- BURST HAZARD**
Do not allow air, etc. to get into refrigerant cycle (piping)
- RISK OF EXPLOSION**
Compressor must be stopped before removing refrigerant pipes.
All service valve must be fully closed after pumping down operation.

When connecting pipes. If you tighten the flare nut by excess torque, the service valve on the small pipe side may be broken.
The flare nut on the small pipe side should be torqued to 122 - 165lbf.in (140 - 190kgf.cm).

INSTALLATION OF REFRIGERATING PIPES AND AIR REMOVAL

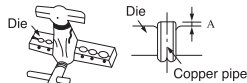
1 Preparation of Pipe

- Use a pipe cutter to cut the copper pipe.



CAUTION

- Jagged edge will cause leakage.
- Point the side to be trimmed downwards during trimming to prevent copper chips from entering the pipe.
- Before flaring, please put on the flare nut.



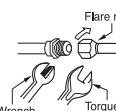
- Recommend to use R32 flaring tool.

Outer diameter in(mm)	Thickness in(mm)	A in(mm)		
		Flare tool for R32 Clutch type	Conventional flare tool Clutch type	
1/4"(6.35mm)	1/32(0.8)	0-1/64(0.0-0.5)	3/64-1/16(1.0-1.5)	1/16-5/64(1.5-2.0)
3/8"(9.52mm)	1/32(0.8)	0-1/64(0.0-0.5)	3/64-1/16(1.0-1.5)	1/16-5/64(1.5-2.0)
1/2"(12.70mm)	1/32(0.8)	0-1/64(0.0-0.5)	3/64-1/16(1.0-1.5)	1/16-3/32(1.5-2.5)
5/8"(15.88mm)	3/64(1.0)	0-1/64(0.0-0.5)	3/64-1/16(1.0-1.5)	1/16-3/32(1.5-2.5)

2 Pipe Connection

CAUTION

- When removing flare nut from the Indoor unit, please ensure to use proper tooling.
- Prevent pipe from coming in contact with water or working in wet area.

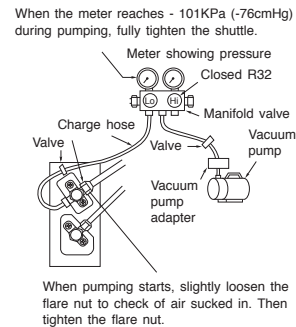


	Outer dia. of pipe in(mm)	Torque N.m (lbf.ft)
Small dia. side	1/4" (6.35)	13.7-18.6 N.m (10.08-13.68 lbf.ft)
	3/8" (9.52)	34.3-44.1 N.m (25.20-32.40 lbf.ft)
	1/2" (12.7)	44.1-53.9 N.m (32.40-39.60 lbf.ft)
	5/8" (15.88)	49.0-58.8 N.m (36.00-43.20 lbf.ft)
Large dia. side	1/4" (6.35)	19.6-24.5 N.m (14.40-18.00 lbf.ft)
	3/8" (9.52)	19.6-24.5 N.m (14.40-18.00 lbf.ft)
	1/2" (12.7)	29.4-34.3 N.m (21.60-25.20 lbf.ft)
	5/8" (15.88)	29.0-31.0 N.m (21.31-22.75 lbf.ft)
Valve head cap	12.3-15.7 N.m (8.75-11.52 lbf.ft)	

3 Removal Of Air From The Pipe And Gas Leakage Inspection

Procedures of using Vacuum Pump for Air Removal

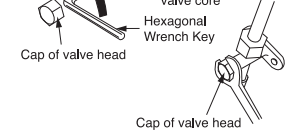
- As shown in right figure, remove the cap of valve core. Then, connect the charge hose. Remove the cap of valve head. Connect the vacuum pump adapter to the vacuum pump and connect the charge hose to the adapter.



- Fully tighten the "Hi" knob of the manifold valve and completely unscrew the "Lo" knob. Run the vacuum pump for about 10-15 minutes, then completely tighten the "Lo" knob and switch off the vacuum pump. After vacuuming, confirm that the needle of the manifold gauge is stable for 3-5 minutes.

When pumping starts, slightly loosen the flare nut to check of air sucked in. Then tighten the flare nut.

- Remove the charge hose and tighten the cap of valve core. Check the cap's periphery if there is any gas leakage.



- Completely unscrew the spindle of the service valve (at 2 places) in anti-clockwise direction to allow the flow of refrigerant (using Hexagonal Wrench key).

Cap of valve head

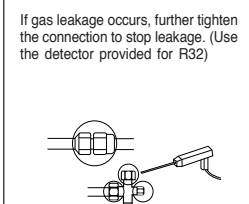
- Re-cap the service valve and tighten using wrench. Check the cap's periphery if there is any gas leakage. The task is then completed.

CAUTION

- Prevent moisture from entering pipe connection.
- Refrigerating machine oil is not applied to the outside of the flare.
- When using the control valve, do not use refrigerating oil is applied to the outside of the flare, cracking of the flare nut, destruction of the flare and gas leakage may occur due to the excessive tightening of the flare nut.
- When using the control valve, do not use deteriorated packing. And, do not over tighten the steering wheel. Gas leakage from the service valve part, stagnation, touching fire, rarely cause ignition.

Gas Leakage Inspection

Please use gas leakage detector to check if leakage occurs at the connection of Flare nut as shown on the right.

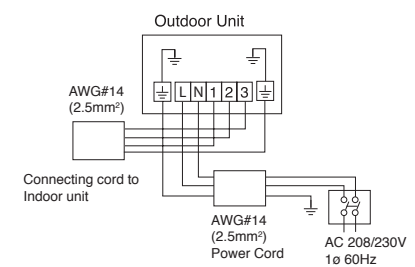


CONNECTION OF POWER CORD

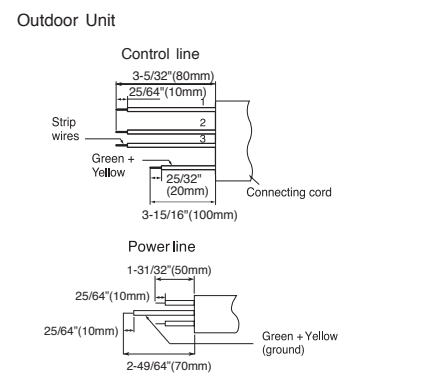
WARNING THIS APPLIANCE MUST BE EARTHED.

Procedures of Wiring

In case that power is supplied from Indoor Unit



Detail of cutting the connecting cord



When removing the connecting wires for the indoor unit, please remove the low cover panel in front of the unit.

WARNING

- The naked part of the wire core should be 25/64" (10mm) and fix it to the terminal tightly. Then try to pull the individual wire to check if the contact is tight. Improper insertion may burn the terminal.
- Be sure to use only power cables approved from the authorities in your country. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
- Please refer to the following for wire connection to the terminals of the units. The cabling must meet the standards of electrical installation.
- There is a AC voltage of 208-230V between the L and N terminals. Therefore, before servicing, be sure to remove the plug from the AC outlet or switch off the main switch.

WARNING

- Leave some space in the connecting cord for maintenance purpose and be sure to secure it with the cord band.
- Secure the connecting cord along the coated part of the wire using the cord band. Do not exert pressure on the wire as this may cause overheating or fire.
- Supply cords, current-carrying conductors become taut before earthing conductor, if the cord slips out of the cord band.

Checking for the electric source and the voltage range

- Before installation, the power source must be checked and necessary wiring work must be completed. To make the wiring capacity proper, use the wire gauge list below for the wiring from house distribution fuse box to the outdoor unit in consideration of the locked rotor current.
- Investigate the power supply capacity and other electrical conditions at the installation location. Depending on the model of room air conditioner to be installed, request the customer to make arrangements for the necessary electrical work etc. The electrical work includes the wiring work up the outdoor. In localities where electrical conditions are poor, use of a voltage regulation is recommended.

Wiring of The Indoor Unit

- For wire connection of the Indoor unit, you need to remove the front cover, the low cover under the body of the unit and terminal cover.
- Remove the cover from the terminal base and screw the cable.

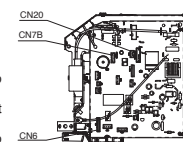
After remove the screw and the terminal cover, put the connecting cords and fix the terminal cover with screw.

Method to remove the low cover

- Pull at the 1 and 2 in the directions as shown by arrows to remove the cover.

How to connect the optional parts (H-LINK RAC Adapter, Dry contact, Wired Remote Controller)

- For cable connection to control P.W.B., you need to remove front cover and electrical box cover. Each connecting location is as below.
 - 1 Dry contact: CN6
 - 2 H-LINK RAC Adapter: CN7B
 - 3 Wired Remote Controller: CN20
- Please check and confirm manuals attached to each optional parts for more connection details.
- Please check service manual about how to set from remote controller.
- You can refer to this installation manual how to remove and re-attach the front cover.
- Please be careful not to damage lead wires by edge of plate when connecting the optional parts.
- Please do the operation test after the connection.



For (Power cord - L, N, ground)		For (Connecting cord - 1, 2, 3, ground)	
Wire cross-section	Wire length	Wire length	Wire cross-section
AWG#14 (2.5 mm²)	up to 82-164ft(25m)		AWG#14 (2.5mm²)

CAUTION

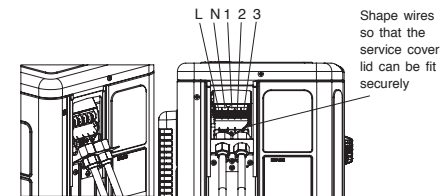
- The supply cord of appliances for outdoor use shall be between 4-59/64ft & 9-27/32ft (1.5m & 3m) long and shall be either an EXTRA HARD USAGE or a HARD USAGE CORD.

Wiring Of The Outdoor Unit

- Please remove the side plate for wire connection.

WARNING

- If you cannot close the side cover due to the connecting cord, please tidy up the wiring for spacing at front panel.
- Be sure that the hooks of the side cover is properly fixed to avoid water penetration. Otherwise water leakage may occur and this causes short circuit or faults.
- The connection cord should not touch to service valve and pipe to avoid possibilities of burn. (It become high temperature in heating operation.)



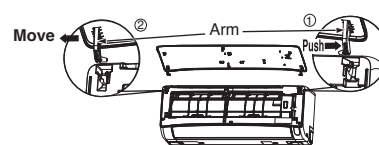
IMPORTANT

Maximum Overcurrent Protection Fuse
15A

HOW TO REMOVE OR ATTACH THE FRONT COVER

How to Remove the Front Cover

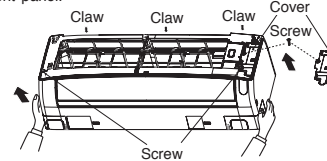
- 1 Remove the front panel



- 1 Push the end of the right-side arm outward to release the tab.
- 2 Move the left-side arm outward to release the left tab, and then pull the panel towards you.
- 2 Remove the filters.
- 3 After removing 3 screws, remove the cover of electric box, pull the center of the front cover towards you and release the claws.
- 4 Pull the side faces (lower sections) of the front cover towards you as shown in the figure and remove the cover.

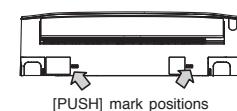
How to Attach the Front Cover

- 1 After installing the front cover onto the unit, hook three claws at upper side of the cover securely. Then, push the center of the front cover to lock the claws.
- 2 Assemble the cover of electric box.
- 3 Tighten the 3 screws.
- 4 Install the filter.
- 5 Attaching the Front Panel
 - Insert the shaft of the left arm along the step on the unit into the hole.
 - Securely insert the shaft of the right arm along the step on the unit into the hole.
 - Make sure that the front panel is securely attached, and then close the front panel.



HOW TO REMOVE INDOOR UNIT

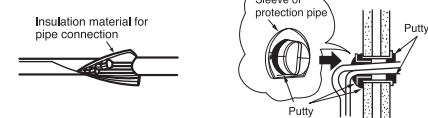
- Push up the (PUSH) sections at the bottom of the indoor unit and pull the bottom plate towards you. Then the claws are released from the stationary plate. (The (PUSH) sections are indicated by 2 arrows as below figure)



FINAL STAGE OF INSTALLATION

1 Insulation And Maintenance Of Pipe Connection

- The connected terminals should be completely sealed with heat insulator and then tied up with rubber strap.
- Please tie the pipe and power line together with vinyl tape as shown in the figure showing the installation of Indoor and Outdoor units. Then fix their position with holders.
- To enhance the heat insulation and to prevent water condensation, please cover the outdoor part of the drain hose and pipe with insulation pipe.
- Completely seal any gap with putty.



3 Power Source And Operation Test

Power Source

CAUTION

- Please use a new socket. Accident may occur due to the use of old socket because of poor contact.
- Please plug in and then remove the plug for 2-3 times. This is to ensure that the plug is completely plugged into the socket.
- Keep additional length for the power cord and do not render the plug under external force as this may cause poor contact.
- Do not fix the power cord with U-shape nail.

Operation Test

- Please be sure to measure the supply voltage before operation test.
- Please ensure that the air conditioner is in normal operating condition during the operation test.
 1. Operate with Cool Mode(in summer) or Heat Mode(in winter).
 2. Press Temperature Button on the remote controller to set the desired temperature to 60°F (16.0°C) for Cool Mode or 90°F (32.0°C) for Heating Mode. Set the desired fan speed to "High".
 3. Operate the air conditioner for 20 minutes at least and make sure that the air from the air conditioner is cool or warm.
 4. Press the ON/OFF button on the remote controller to make sure that the air conditioner stops running.
- If the indication lamps of the indoor unit blink with sounding the buzzer during the operation test, perform a check following the procedures below.

Indication lamps blinking mode	What to check
All indication lamps blink three times repeatedly.	Make sure that the spindles of both service valves are open. (Outdoor fan might operate for near 15 minutes after the operation stop for the protection. For the reoperation at that case, do it after outdoor fan will stop.)

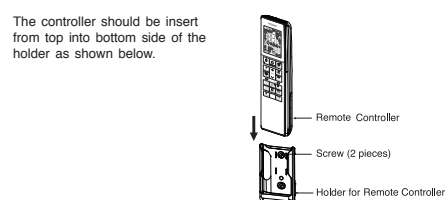
- Before the check and the reoperation, reset the power supply by turning off and on the circuit breaker only after
 1. waiting for at least 5 minutes; or
 2. pressing the Temporary Switch Button only once while the power is OFF.

CAUTION

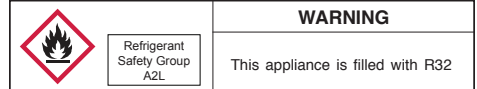
- Don't operate for over 5 minutes with the situation that the spindle of the service valve is closed. This will cause the defect.
- Don't operate by Cool Mode or Dry Mode with the door and windows opened, (the room humidity is always above 80%) for a long period of time. Water will condense and drip down occasionally. This will wet your furniture.
- Explain to your customer the proper operation procedures as described in the user's manual.
- If the indoor unit won't operate, check the cable for correct connection.
- Turn on the lamp in the room where the indoor unit is installed and check the remote controller for normal operation.

2 Installation Of Remote Controller

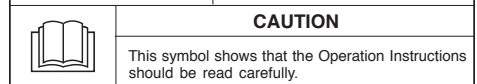
- The remote controller can be placed in its holder which is fixed on wall or beam.
- To operate the remote controller at its holder, please ensure that the unit can receive signal transmitted from the controller at the place where the holder is to be fixed. The unit will beep when signal is received from the remote controller. The signal transmission is weaker by the fluorescent light. Therefore, during the installation of the remote controller holder, please switch on the light, even during day time, to determine the mounting location of the holder.



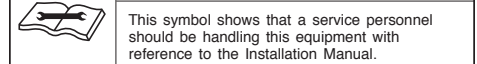
WARNING



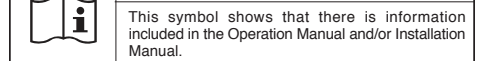
CAUTION



CAUTION



CAUTION



California Proposition 65

WARNING

Proposition 65: This product contains chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm. For more information, go to www.P65Warnings.ca.gov