



*Thinking of you*  
**Electrolux**

## INSTRUCTIONS MANUAL

SPLIT TYPE ROOM AIR CONDITIONER



### MODELS:

EAS(C,E)09C2ASK(W,S,M) / EAS(C,E)12C2ASK(W,S,M)  
EAS(C,E)18C2ASK(W,S,M) / EAS(C,E)24C2ASK(W,S,M)  
EAS(C,E)09P5ASK(W,S,M) / EAS(C,E)12P5ASK(W,S,M)  
EAS(C,E)18P5ASK(W,S,M) / EAS(C,E)24P5ASK(W,S,M)

## Welcome to the world of simple handling and no worries.

Thank you for choosing Electrolux. This manual contains all of the information required to guarantee your safety and the appropriate use of your air conditioner.

Please read all of the instructions before using the air conditioner and keep this manual for future reference.

We know you will enjoy your new air conditioner and thank you for choosing our product. We hope you will consider us for future purchase.

## Environmental Advices

The packaging material used is recyclable; we recommend that you separate plastic, paper and cardboard and give them to recycling companies. According to WEEE (Waste of Electrical and Electronic Equipment) guidelines, waste from electrical and electronic devices should be collected separately. If you need to dispose of this appliance in the future, do NOT throw it away with the rest of your domestic garbage. Instead, please take the appliance to the nearest WEEE collection point, where available.

The air conditioner you purchased has R410a gas refrigerant a environmental friendly gas which does not damage the ozone layer.



The air conditioner that you have bought may be slightly different from the one illustrated in this manual. Please refer to the information related to the model you have.

This air conditioner is for domestic use only. It is not recommended for commercial or industrial use.

The air conditioner you have may carry a different plug than the one illustrated in this manual. The plug that comes with the product follows the electrical specification of the country where it is sold.

## Contents

01. Welcome.....	01
02. Environmental advices.....	01
03. Contents.....	02
04. Safety precautions.....	04
05. Installation.....	08
5.1 Choosing the installation site.....	08
5.2 Parts list.....	10
5.3 Indoor unit installation.....	12
5.4 Outdoor unit installation.....	16
5.5 Refrigerant pipe connection.....	18
5.6 Electrical work.....	20
5.7 Electrical safety.....	28
5.8 Gas leak check.....	28
5.9 Operation test.....	29
06. Operation.....	30
6.1 Preparing the device for operation.....	30
6.2 Product description.....	31
6.3 Remote control.....	33
- Remote control operation	
- Remote control battery	
- When should the batteries be replaced	
- To replace batteries	
- Remote control instructions	
6.4 Remote control description.....	35
- On/off	
- Mode	
- Swing	
- Sleep	
- Follow me	
- Direction	
- Restart	
- Temperature	
- Fan speed	
- Timer	
- Cancel	
- Turbo	
- LED	
- Clock	
- Lock	
6.5 LCD display indicators.....	38
6.6 Clock adjustment.....	39

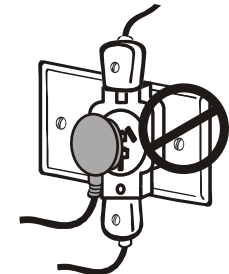
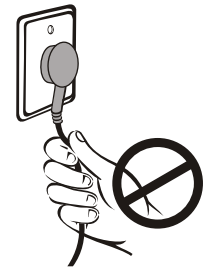
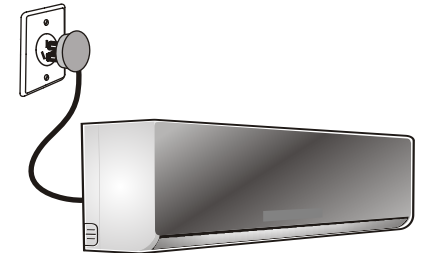
6.7 How the air conditioner works.....	40
- Automatic operation	
- Cool/Heat and Fan only operation	
- Dry operation	
- Air flow direction adjustment	
- Sleep mode	
- Timer	
- Cancel timer operation	
- Optimal operation	
6.8 How to use the indoor unit.....	44
- Adjusting the air flow direction	
- Adjusting the vertical air flow direction (up-down)	
- To set the horizontal air flow direction (left-right)	
- To automatically swing the air flow direction (up-down)	
6.9 Manual operation.....	46
07. Maintenance.....	47
08. Operation tips.....	49
09. Solutions for problems.....	51
10. Technical specifications.....	52

## Safety precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

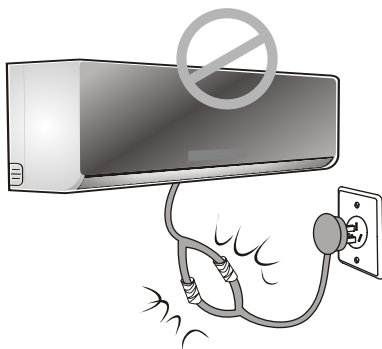
Incorrect operation due to ignoring of instructions may cause harm or damage. The seriousness is classified by the following indications.

1. Connect with the power properly. Otherwise, it may cause electric shock or fire due to excess heat generation.
2. Do not modify power cord length or share the outlet with other appliances. It may cause electric shock or fire due to heat generation.
3. Always ensure effective earthing. No earthing may cause electric shock.
4. Disconnect the power if strange sounds, smell, or smoke comes from it. It may cause fire and electric shock.
5. Keep firearms away. It may cause fire.
6. Do not operate or stop the unit by switching on or off the power. It may cause electric shock or fire due to heat generation.
7. Do not operate with wet hands or in damp environment. It may cause electric shock.
8. Do not allow water to run into electric parts. It may cause failure of machine or electric shock.
9. Do not drink water drained from air



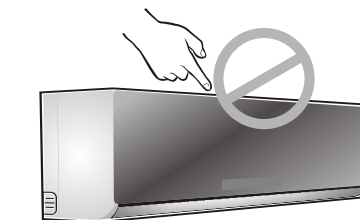
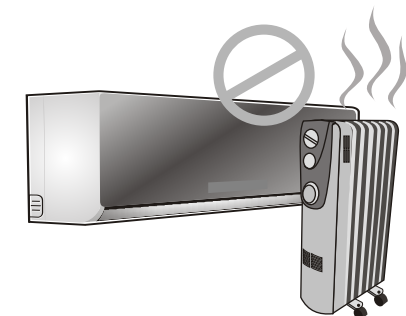
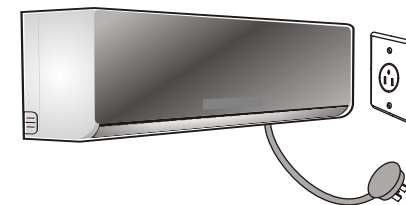
conditioner. It contains contaminants and could make you sick.

10. Do not use the power cord close to heating appliances. It may cause fire and electric shock.
11. Do not damage or use an unspecified power cord. It may cause electric shock or fire.
12. Do not direct airflow at room occupants only. This could damage your health.
13. Always install circuit breaker and a dedicated power circuit. No installation may cause fire and electric shock.
14. Do not open the unit during operation. It may cause electric shock.
15. Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. It may cause an explosion or fire.
16. Ventilate room before operating air conditioner if there is a gas leakage from another appliance. It may cause explosion, fire and, burns.
17. Do not disassemble or modify unit. It may cause failure and electric shock.
18. When the air filter is to be removed, do not touch the metal parts of the unit. It may cause an injury.
19. Do not clean the air conditioner with water. Water may enter the unit and degrade the insulation. It

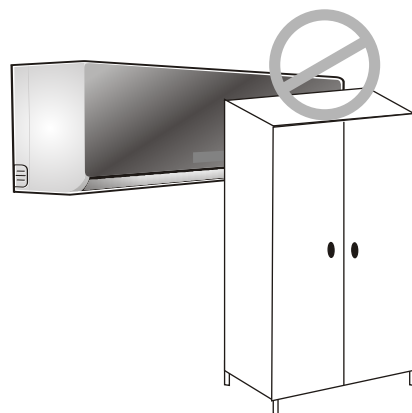


may cause an electric shock.

20. Ventilate the room well when used together with a stove, etc. An oxygen shortage may occur.
21. When the unit is to be cleaned, switch off, and turn off the circuit breaker. Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.
22. Do not put a children, pet or house plant where it will be exposed to direct air flow. This could injure the pet or plant.
23. Do not use for special purposes. Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
24. Stop operation and close the window in storm or hurricane. Operation with windows opened may cause wetting of indoor and soaking of household furniture.
25. Turn off the main power switch when not using the unit for a long time. It may cause failure of product or fire.
26. Do not use strong detergent such as wax or thinner. Use a soft cloth for cleaning. Appearance may be deteriorated due to change of product color or scratching of its surface.
27. Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure. If bracket is damaged,



- there is concern of damage due to falling of unit.
28. Always insert the filters securely. Clean filter once every two weeks. Operation without filters may cause failure.
  29. Do not place heavy object on the power cord and take care so that the cord is not compressed. There is danger of fire or electric shock.
  30. Do not place obstacles around air-inlets or inside of air-outlet. It may cause failure of appliance or accident.



## Choosing the installation site

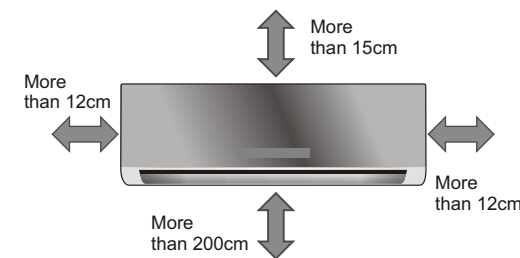
### Precautions for Installation

Installation at the following sites may cause problems. If you must inevitably install the unit at one of these sites, please consult your local distributor beforehand:

1. Site with machine oil.
2. Sites with a high concentration of salinity, such as coastal areas.
3. Sites with sulfuric gas, such as hot water springs.
4. Sites with high frequency equipment, such as wireless equipment, welding machines and medical installations.
5. Sites with flammable gases or volatile material.
6. Sites with special environmental conditions.
7. Laundry rooms.

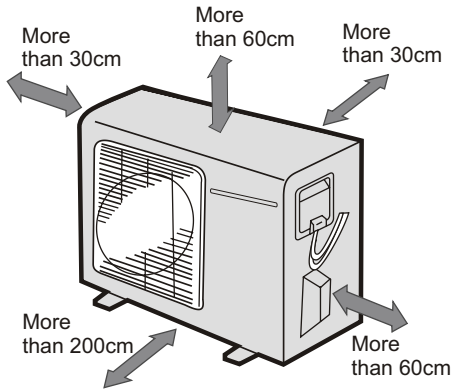
### Indoor Unit

1. The unit must be installed at a site that does not obstruct the flow of air.
2. The site must support the weight of the indoor unit.
3. The site must be easily accessible for maintenance and replacement of the air filter.
4. The site must allow for the necessary space around the indoor unit, as shown in the following figure.
5. There should be at least 1 meter (3 feet) between the unit and radio and television devices. It is ideal that the unit be installed at the center of the environment.
6. It must be far from fire, smoke or flammable gases.
7. The indoor unit must be at least 2.3 meters (7.5 feet) from the ground.
8. The site must allow for the easy removal of the connector pipe and drain hose.
9. The unit must be installed at a site protected from direct sunlight.



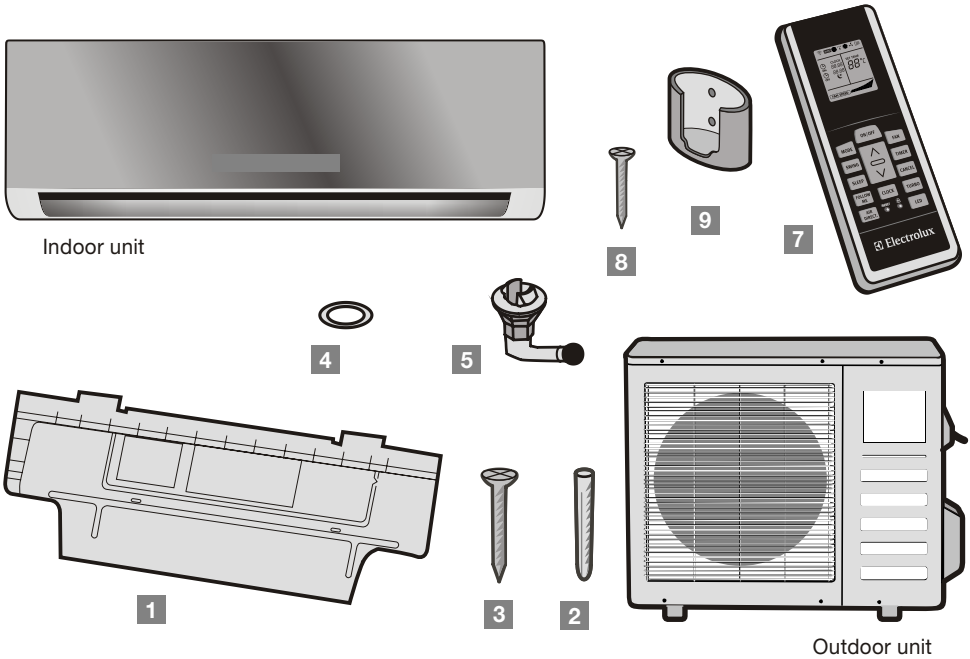
**Outdoor Unit**

1. The outdoor unit must be installed at a convenient site that is not exposed to strong winds. The site should be dry and well ventilated.
2. The site must support the weight of the outdoor unit and allow for vertical installation.
3. There must not be the possibility of increased noise and vibration at the site.
4. The unit must be installed at a site where the noise produced by its operation and air discharge does not disturb the neighbors or animals.
5. The site cannot have any leakage of flammable gases.
6. The site must allow for a piping extension of no less than 5 meters (16 feet) and for pipes measuring at least 10 meters (33 feet) in length.
7. The site must provide enough space around the unit, as shown in the diagram.
8. Children must not be able to access the installation site.



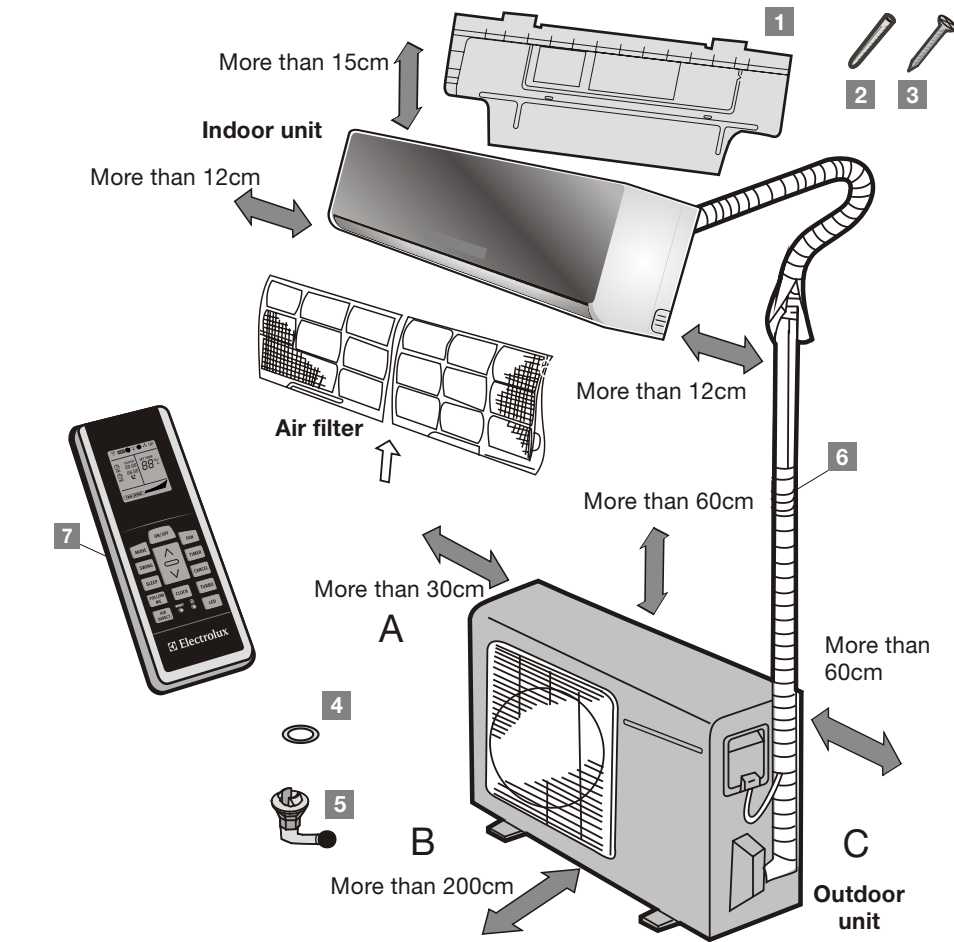
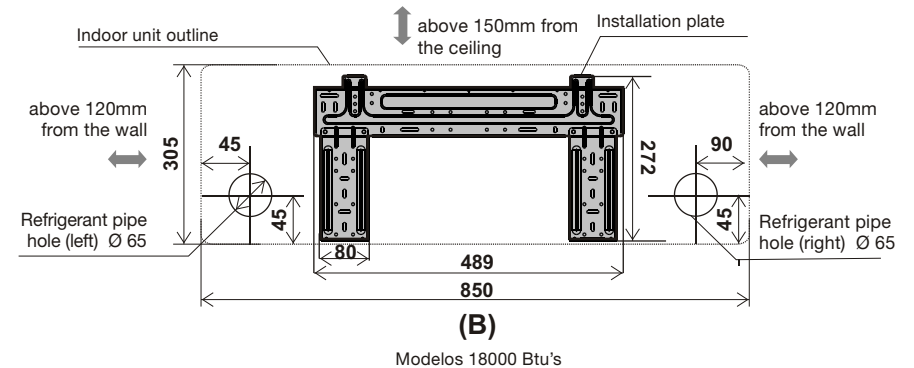
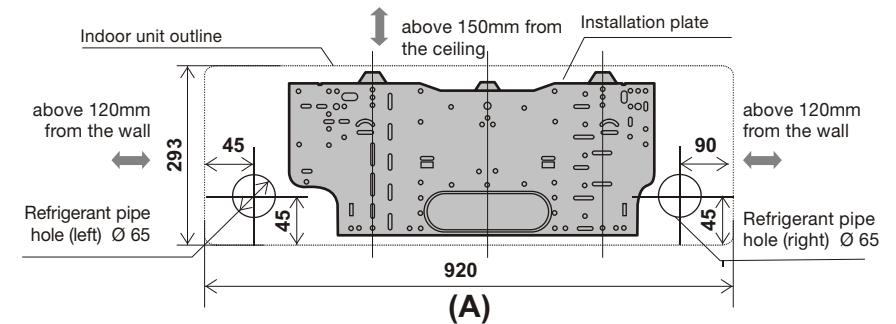
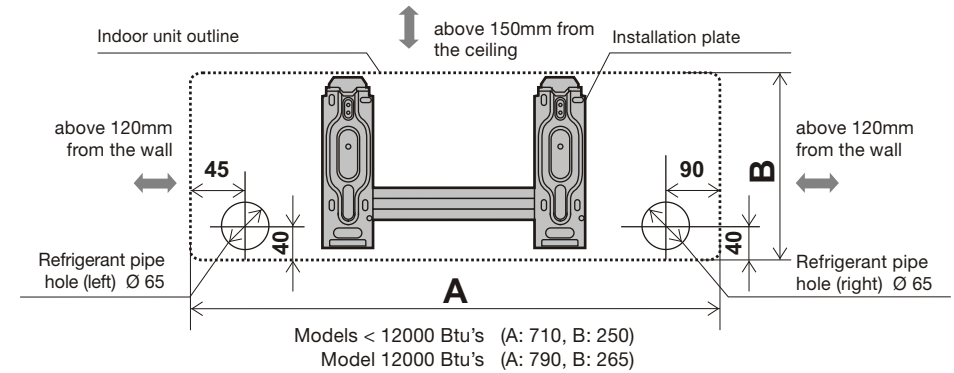
**Parts list**

NUMBERING	PART NAME			QTY.
1	Installation plate			1
2	Clip anchor			8
3	Self-tapping screw A ST3.9x25			8
4	Seal			1
5	Drain Joint			1
6	Connecting pipe assembly*	Liquid side	Ø6,35	Parts you must purchase
		Gas side	Ø9,52 (< modelos 12000 Btu's)	
			Ø12,7 (≥ modelos 12000 Btu's)	
7	Remote controller			1
8	Self-tapping screw B ST2.9x10			2
9	Remote controller holder			1



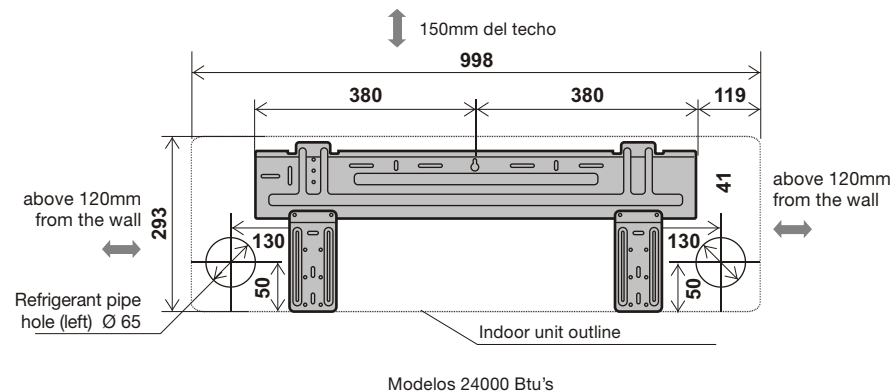
## Indoor unit installation

## Installation plate description



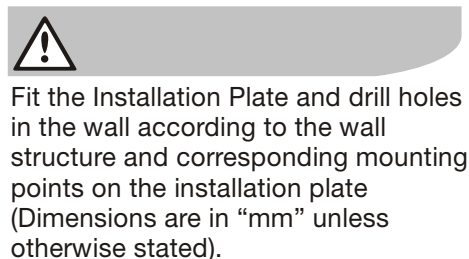
1. This illustration is for explanation purposes only.
2. Copper lines must be insulated independently





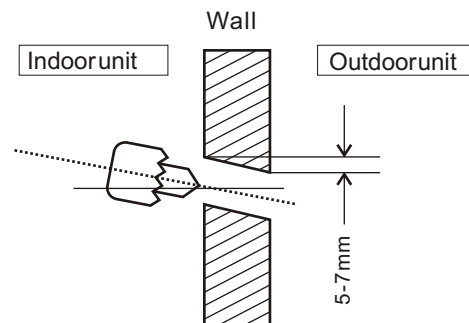
## Fixing the installation plate

1. Install the installation plate horizontally over the structural parts on the wall using the spaces indicated on the plate, as shown in the figure above.
2. In the case of tiled, concrete or similar walls, create 5 mm-diameter holes. Place anchorage supports for the appropriate assembly screws.
3. If expansion screws are used, the holes must measure 11x20 or 11x26, with a distance of 450 mm between each.
4. Fix the installation plate to the wall.



## Drilling the Hole

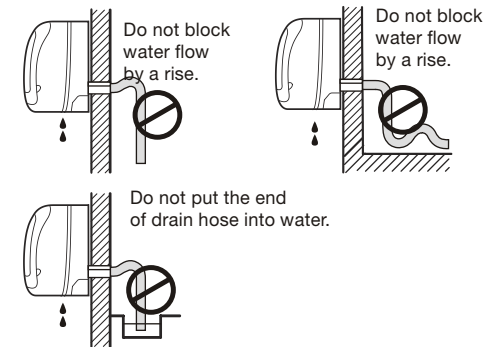
1. Determine the position of the hole for the pipe using the installation plate and drill the pipe hole ( $\varnothing$  65mm) so that it is titled slightly downward.
2. Always use a pipe cover with an opening when drilling a metal bar.



## Connective pipe and drainage installation

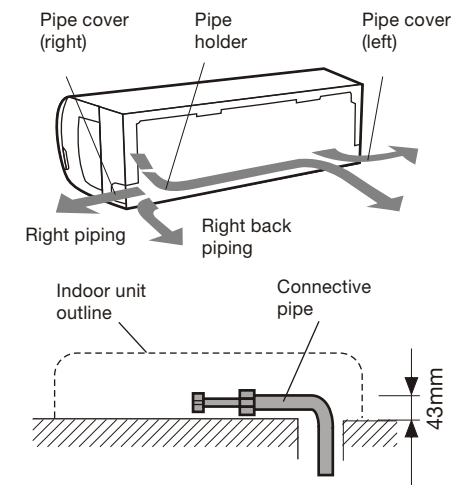
### Drainage

1. Run the drain hose sloping downward. Do not install the drain hose as illustrated below.
2. When connecting extension drain hose, insulate the connecting part of extension drain hose with a shield pipe, do not let the drain hose slack.



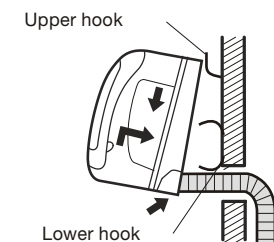
### Connective pipe installation

1. For the left-hand and right-hand piping, remove the pipe cover from the side panel.
2. For the rear-right-hand and rear-left-hand piping, install the piping as shown. Bend the connective pipe to be laid at 43mm height or less from the wall.
3. Fix the end of the connective pipe.



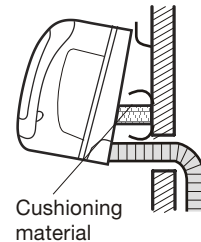
## Fastening the Indoor Unit

1. Pass the piping through the hole in the wall.
2. Put the upper claw at the back of the indoor unit on the upper hook of the installation plate, move the indoor unit from side to side to see that it is securely hooked (see Fig.10 & Fig.11).



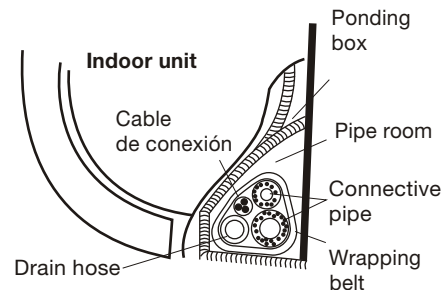


3. Piping can easily be made by lifting the indoor unit with a cushioning material between the indoor unit and the wall. Get it out after finish piping.
4. Push the lower part of the indoor unit up on the wall, then move the indoor unit from side to side, up and down to check if it is hooked securely.



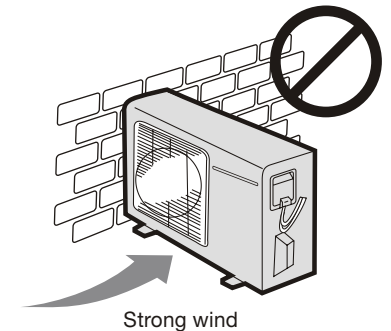
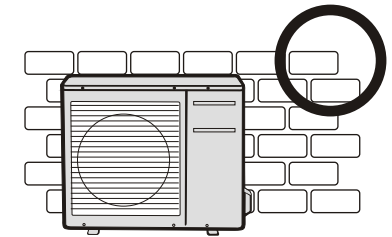
### Piping and wrapping

1. Bundle the tubing, connecting cable, and drain hose with tape securely, evenly as shown.
2. Because the condensed water from rear of the indoor unit is gathered in ponding box and is piped out of room. Do not put anything else in the box.



## Outdoor unit installation

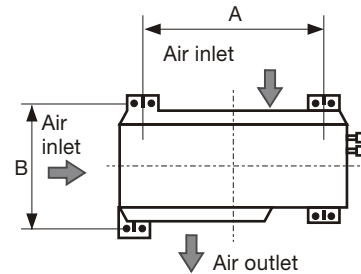
1. Install the outdoor unit on a rigid base to prevent increasing noise level and vibration.
2. Determine the air outlet direction where the discharged air is not blocked. In the case that the installation place is exposed to strong wind such as a seaside, make sure the fan operating properly by putting the unit lengthwise along the wall or using a dust or shield plates.
3. Specially in windy area, install the unit to prevent the admission of wind. If need suspending installation, the installation bracket should accord with technique requirement in the installation bracket diagram.
4. The installation wall should be solid brick, concrete or the same intensity construction, or actions to reinforce, damping supporting should be taken. The connection between bracket and wall, bracket and the air conditioner should be firm, stable and reliable.
5. Be sure there is no obstacle which block radiating air.



1. Connect the indoor unit first, then the outdoor unit.
2. Do not allow the piping to let out from the back of the indoor unit.
3. Be careful not to let the drain hose slack.
4. Heat insulated both of the auxiliary piping.
5. Be sure that the drain hose is located at the lowest side of the bundle.  
Locating at the upper side can cause drain pan to overflow inside the unit.
6. Never intercross nor intertwist the power wire with any other wiring.
7. Run the drain hose sloped downward to drain out the condensed water smoothly.

**Settlement of outdoor unit**

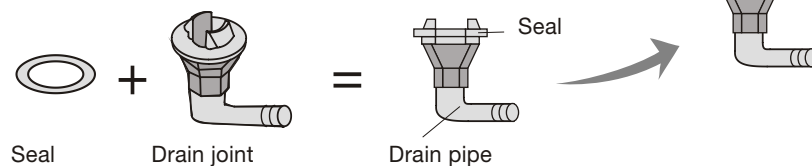
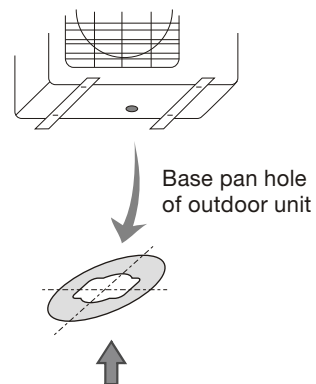
Anchor the outdoor unit with a bolt and nut 10 or 8 tightly and horizontally on a concrete or rigid mount.



MODEL	A (mm)	B (mm)
700x535x235	458	250
685x430x260	460	276
780x540x250	549	276
760x590x285	530	290
820x600x345	523	340
845x695x335	560	335
895x860x330	590	333

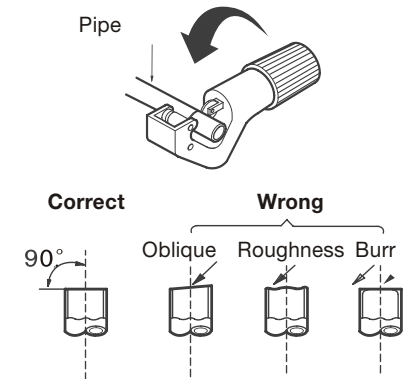
**Drain joint installation**

Fit the seal into the drain elbow, then insert the drain joint into the base pan hole of outdoor unit, rotate 90 to securely assemble them. Connecting the drain joint with an extension drain hose (Locally purchased), in case of the water draining off the outdoor unit during the heating mode.

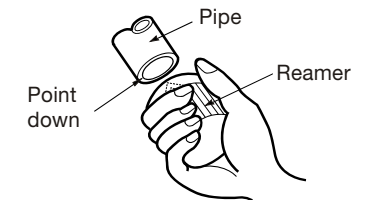
**Refrigerant pipe connection****Flaring work**

Main cause for refrigerant leakage is due to defect in the flaring work. Carry out correct flaring work using the following procedure:

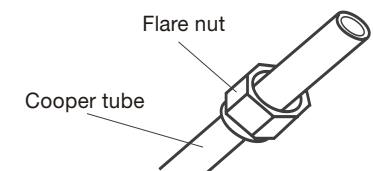
1. Cut the pipes and the cable.
  - A) Use the piping kit accessory or pipes purchased locally.
  - B) Measure the distance between the indoor and the outdoor unit.
  - C) Cut the pipes a little longer than the measured distance.
  - D) Cut the cable 1.5m longer than the pipe length.

**2. Burr removal**

- A) Completely remove all burrs from the cut cross section of pipe/tube.
- B) Put the end of the copper tube/pipe in a downward direction as you remove burrs in order to avoid dropping burrs into the tubing.

**3. Putting nut on**

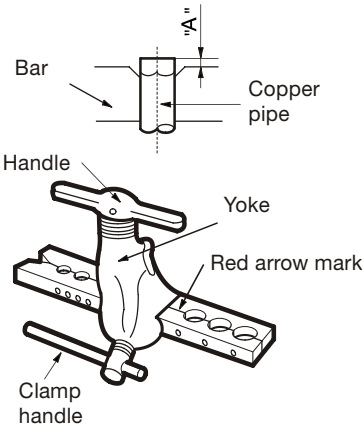
- A) Remove flare nuts attached to indoor and outdoor unit, then put them on pipe/tube having completed burr removal.(not possible to put them on after flaring work)



4. Flaring work

A) Firmly hold copper pipe in a die in the dimension shown in the table below.

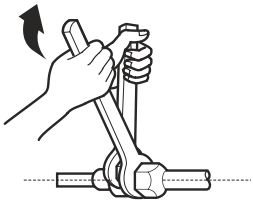
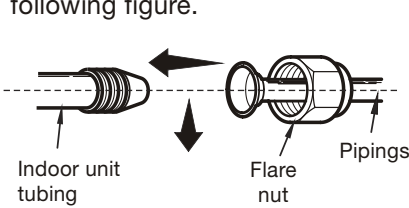
OUTER DIAMETER (mm)	A (mm)	
	Máx.	Mín.
6,35	1,3	0,7
9,53	1,6	1,0
12,70	1,8	1,0
16	2,4	2,2



**Connection Adjustment**

1. Align the pipes to be connected.
2. Unscrew the flare nut with your fingers and then with a wrench and screw wrench, as shown in the following figure.

*Caution:* Excessive torque can break nut depending on installation conditions.



OUTER DIAMETER (mm)	TIGHTENING TORQUE(cm)	ADDITIONAL TIGHTENING TORQUE(cm)
6,35	1570 (160 kgf/cm)	1960 (200 kgf/cm)
9,53	2940 (300 kgf/cm)	3430 (350 kgf/cm)
12,70	4900 (500 kgf/cm)	5390 (550 kgf/cm)
16	7360 (750 kgf/cm)	7850 (800 kgf/cm)

Electrical work

**Electric safety regulations for the initial Installation**

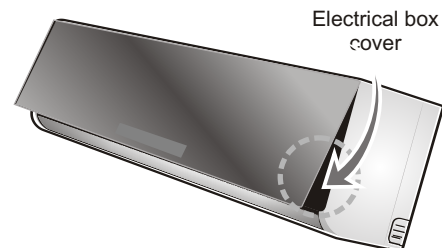
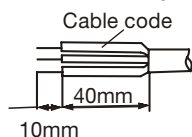
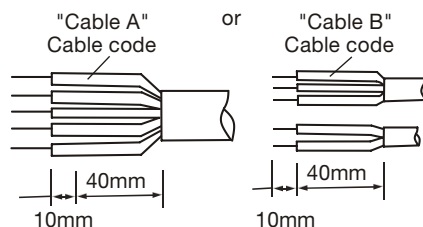
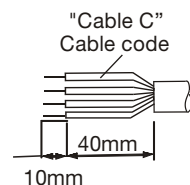
1. If there is serious safety problem about the power supply, the technicians should refuse to install the air conditioner and explain to the client until the problem is solved.
2. Power voltage should be in the range of 90%~110%of rated voltage.
3. The creepage protector and main power switch with a 1.5 times capacity of Max. Current of the unit should be installed in power circuit.
4. Ensure the air conditioner is grounded well.
5. According to the attached Electrical Connection Diagram located on the panel of the outdoor unit to connect the wire.
6. All wiring must comply with local and national electrical codes and be installed by qualified and skilled electricians.
7. An individual branch circuit and single receptacle used only for this air conditioner must be available. See the following table for suggested wire sizes and fuse specifications:

MODEL	POWER SUPPLY	INPUT RATED AMP Switch / Fuse	CABLE SIZE
9000 Btu's	220-240V~/ 50Hz	10A	1 mm <sup>2</sup>
	220-230V~/ 60Hz		
12000 Btu's 18000 Btu's	220-240V~/ 50Hz	16A	1,5 mm <sup>2</sup>
	220-230V~/ 60Hz		
24000 Btu's	220-240V~/ 50Hz	25A	2,5 mm <sup>2</sup>
	220-230V~/ 60Hz	32A	> 2,5 mm <sup>2</sup>

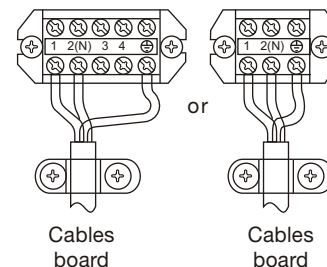
**Note:** The supply voltage must be consistent with the rate voltage of the air conditioner.

**Connect the cable to the indoor unit**

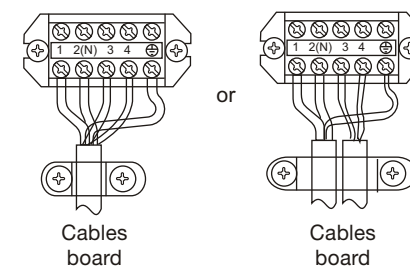
1. The inside and outside connecting cable can be connected without removing the front grille.
2. Connecting cable between indoor unit and outdoor unit shall be approved polychloroprene sheathed flexible cord, type designation H07RN-F or heavier cord.
3. Lift the indoor unit panel up, remove the electrical box cover by loosening the screw.
4. Ensure the colour of wires of outdoor unit and the terminal Nos. are the same to the indoors respectively.
5. Wrap those cables not connected with insulation tapes, so that they will not touch any electrical components. Secure the cable onto the control board with the cord clamp.

**≤ 18000 btu's CABLE (Cool model)****≤ 18000 btu's CABLE (Heat & Cool model)****> 18000 btu's CABLE (Heat & Cool model)****< 24000 Btu's  
COOL MODELS**

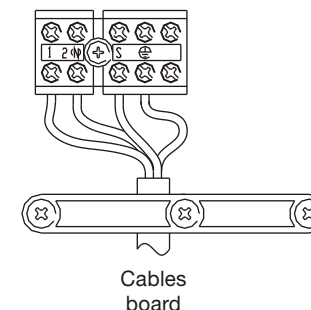
"Connector A" or "Connector B"  
Wire connector of indoor unit

**< 24000 Btu's  
HEAT AND COOL MODELS**

"Connector A" or "Connector B"  
Wire connector of indoor unit

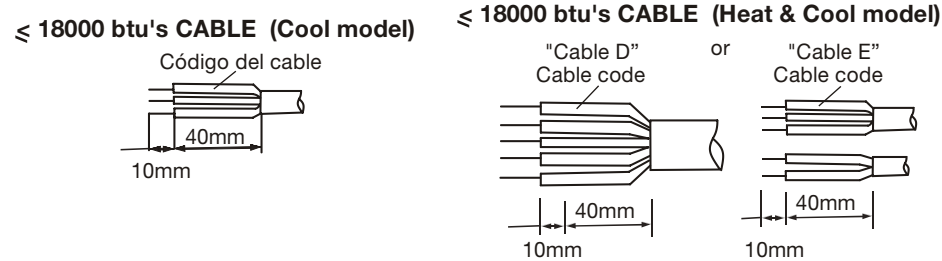
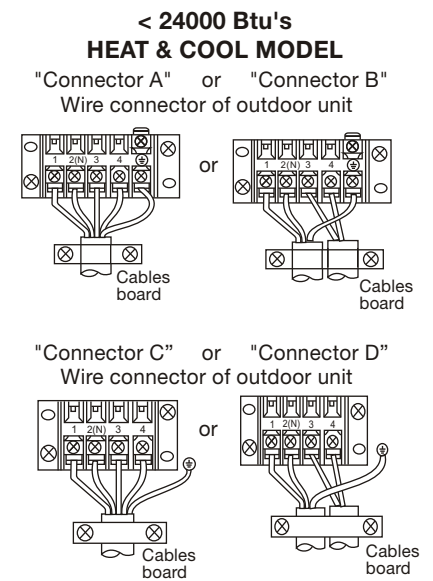
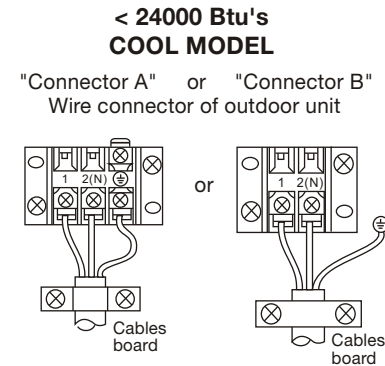
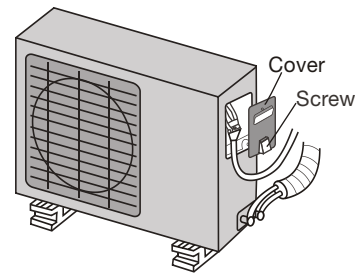
**MODELS  
24000 Btu's**

"Connector A"  
Wire connector of indoor unit

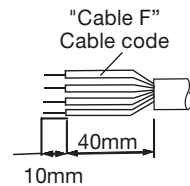


**Connect the cable to the outdoor unit**

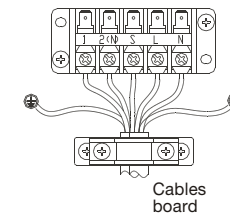
1. Remove the electrical control board cover from the outdoor unit by loosening the screw.
2. Connect the cables to the terminals as identified with their respective matched numbers on the terminal block of indoor and outdoor units.
3. To prevent the ingress of water, from a loop of the connective cable as illustrated in the installation diagram of indoor and outdoor units.
4. Insulate unused cords (conductors) with PVC-tape.Process them so they do not touch any electrical or metal parts.



**> 18000 btu's CABLE (Heat & Cool model)**



**MODELS  
24000 Btu's  
"Connector A"**  
Wire connector of outdoor unit



**Caution**

After the confirmation of the above conditions, prepare the wiring as follows:

1. Never fail to have an individual power circuit specifically for the air conditioner. As for the method of wiring, be guided by the circuit diagram posted on the inside of control cover.
2. The screw which fasten the wiring in the casing of electrical fittings are liable to come loose from vibrations to which the unit is subjected during the course of transportation. Check them and make sure that they are all tightly fastened. (If they are loose, it could cause burn-out of the wires.)
3. Specification of power source.
4. Confirm that electrical capacity is sufficient.
5. See to that the starting voltage is maintained at more than 90 percent of the rated voltage marked on the name plate.
6. Confirm that the cable thickness is as specified in the power source specification.
7. Always install an earth leakage circuit breaker in a wet or moist area.
8. The following would be caused by voltage drop. Vibration of a magnetic switch, which will damage the contact point, fuse breaking, disturbance of the normal function of the overload.
9. The means for disconnection from a power supply shall be incorporated in the fixed wiring and have an air gap contact separation of at least 3mm in each active (phase) conductors.

**Air purging**

Air and moisture in the refrigerant system have undesirable effects as indicated below:

1. Pressure in the system rises.
  2. Operating current rises.
  3. Cooling or heating efficiency drops.
  4. Moisture in the refrigerant circuit may freeze and block capillary tubing.
  5. Water may lead to corrosion of
- parts in the refrigeration system.

  6. Therefore, the indoor unit and tubing between the indoor and outdoor unit must be leak tested and evacuated to remove any noncondensables and moisture from the system.

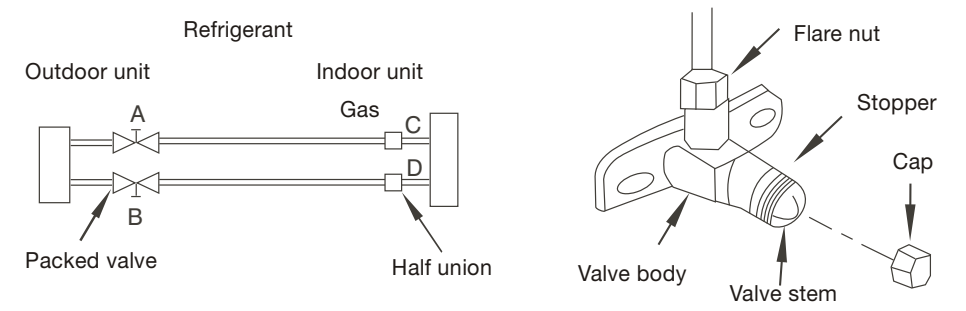
**Air purging with vacuum pump**

1. Check that each tube(both liquid and gas side tubes) between the indoor and outdoor units have been properly connected and all wiring for the test run has been completed. Remove the service valve caps from both the gas and the liquid side on the outdoor unit. Note that both the liquid and the gas side service valves on the outdoor unit are kept closed at this stage.
2. When relocate the unit to another place, perform evacuation using vacuum pump.
3. Pipe length and refrigerant amount:

Connective pipe length	Air purging metod	Additional amount of refrigerant to be charged
Less than 5 m	Use vacuum pump.	—————
5~10 m	Use vacuum pump.	Liquid side: Φ6.35 (Pipe lenght) x 30g

**Caution in handling the packed valve**

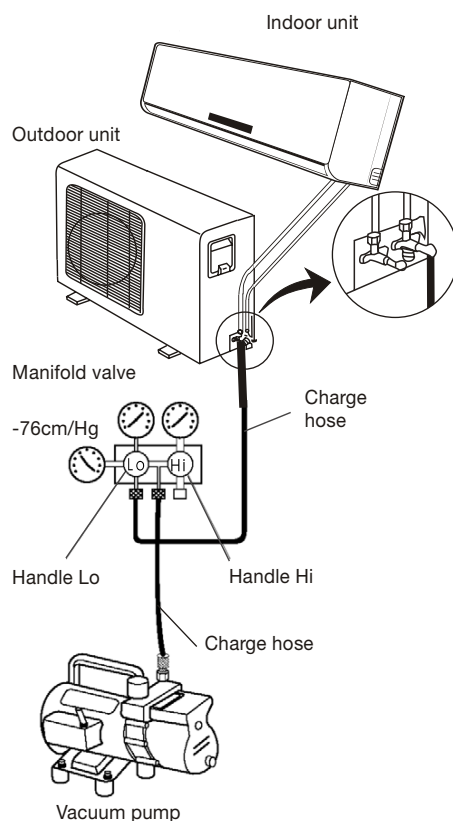
1. Open the valve stem until it hits against the stopper. Do not try to open it further.
2. Securely tighten the valve stem cap with a spanner or the like. Valve stem cap tightening torque (See Tightening torque table in page 19).



**When using the vacuum pump**

For method of using a manifold valve, refer to its operation manual.

1. Completely tighten the flare nuts, A, B, C, D, connect the manifold valve charge hose to a charge port of the low-pressure valve on the gas pipe side.
2. Connect the charge hose connection to the vacuum pump.
3. Fully open the handle Lo of the manifold valve.
4. Operate the vacuum pump to evacuate. After starting evacuation, slightly loose the flare nut of the Lo valve on the gas pipe side and check that the air is entering (Operation noise of the vacuum pump changes and a compound meter indicates 0 instead of minus)
5. After the evacuation is complete, fully close the handle Lo of the manifold valve and stop the operation of the vacuum pump. Make evacuation for 15 minutes or more and check that the compound meter indicates -76cmHg (-1x10 Pa).
6. Turn the stem of the packed valve B about 45° counterclockwise for 6~7 seconds after the gas coming out, then tighten the flare nut again. Make sure the pressure display in the pressure indicator is a little higher than the atmosphere pressure.
7. Remove the charge hose from the Low pressure charge hose.
8. Fully open the packed valve stems B and A.
9. Securely tighten the cap of the packed valve.

**Electrical safety**

Perform the electric safe check after completing installation:

1. Insulated resistance: The insulated resistance must be more than  $2M\Omega$ .
2. Grounding work: After finishing grounding work, measure the grounding resistance by visual detection and grounding resistance tester. Make sure the grounding resistance is less than  $4\Omega$ .
3. Electrical leakage check (performing during test running): During test operation after finishing installation, the serviceman can use the electroprobe and multimeter to perform the electrical leakage check. Turn off the unit immediately if leakage happens. Check and find out the solution ways till the unit operate properly.

**Gas leak check****Soap water method**

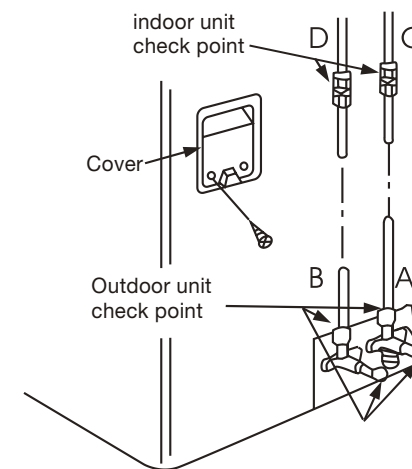
Apply a soap water or a liquid neutral detergent on the indoor unit connection or outdoor unit connections by a soft brush to check for leakage of the connecting points of the piping. If bubbles come out, the pipes have leakage.

**Leak detector**

Use the leak detector to check for leakage.

**Caution**

A: Lo packed valve, B: Hi packed valve C and D are ends of indoor unit connection.



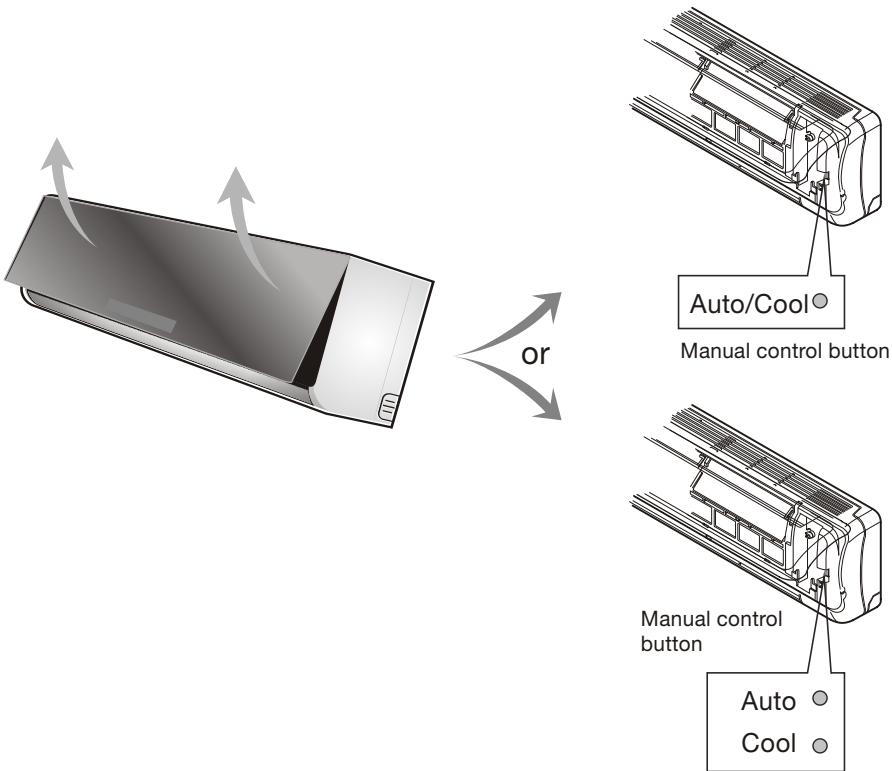


## Operation test

Perform test operation after completing gas leak check at the flare nut connections and electrical safety check.

1. Connect the power, press the ON/OFF button on the remote controller to turn the unit on.
2. Use the MODE button to select COOL, HEAT, AUTO and FAN to check if all the functions works well.
3. When the ambient temperature is too low(lower than 17°C), the unit

cannot be controlled by the remote controller to run at cooling mode, manual operation can be taken. Manual operation is used only when the remote controller is disable or maintenance necessary.



## Preparing the device for operation

1. Contact a specialist to install the device.
2. Guarantee that the unit is appropriately fastened and complies with all of the aforementioned safety norms.
3. Before operating the air conditioner, ensure that the air filter is installed correctly.
4. If the unit has been out of use for a long period of time, it is recommended that the air filter be cleaned before use. During continuous use, clean the air filter every two weeks.
5. This air conditioner was designed for use under the following conditions:

MODE					
Cool		Heat		Deshumidifier	
Room Temperature		Room Temperature		Room Temperature	
Indoor	Outdoor*	Indoor	Outdoor	Indoor	Outdoor
17°C~32°C	18°C~43°C	17°C~30°C	-7°C~24°C	17°C~32°C	11°C~43°C

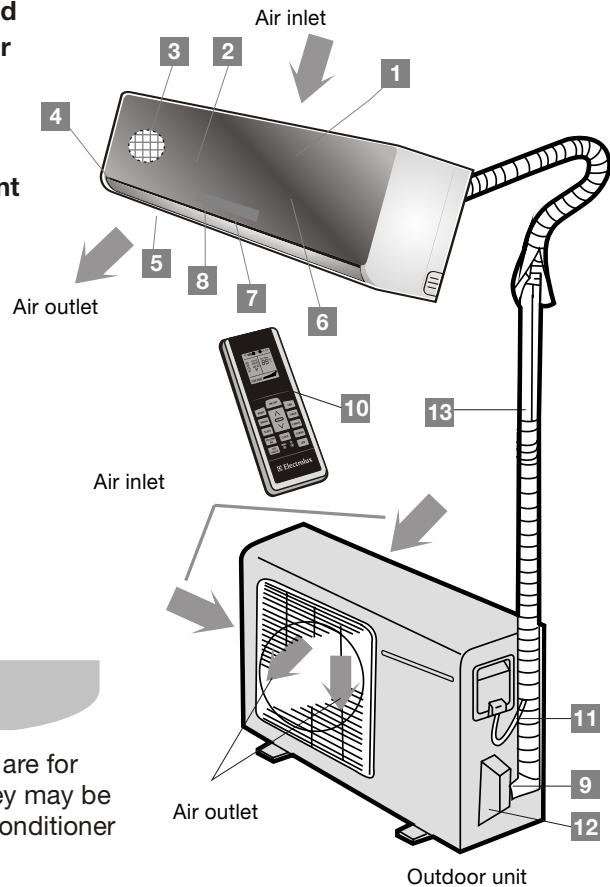
\* (-5°C~43°C cooling only)



If air conditioner is used outside of the above conditions, certain safety protection features may come into operation and cause the unit to function abnormally. Room relative humidity less than 80%. If the air conditioner operates in excess of this figure, the surface of the air conditioner may attract condensation. Please sets the vertical air flow louver to its maximum angle (vertically to the floor), and set HIGH fan mode. Optimum performance will be achieved within these operating temperature.

Product description

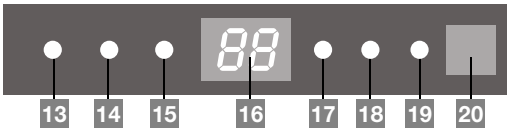
- 1 Front panel frame**
- 2 Front panel**
- 3 Air filter**  
(inside front panel)
- 4 Horizontal airflow grille**
- 5 Vertical airflow grille**
- 6 Temperature sensor**  
(inside front panel)
- 7 Panel**
- 8 Infra-red signal receiver**
- 9 Drain hose connector and refrigerant gas connector**
- 10 Remote control**
- 11 Connector cable**
- 12 Detection valve**
- 13 Drain hose and refrigerant connecting pipe**



All the pictures in this manual are for explanation purpose only. They may be slightly different from the air conditioner you purchased.

**Display panel**  
(indoor unit)

- 13 DEFROST\*:** Displayed when the air conditioner starts defrosting automatically or when the warm air control feature is activated in heating operation.  
  
**\*Nota:** For Heating & Cooling model only.
- 14 OPERATION:** Displayed when the air conditioner is in operation.
- 15 TURBO:** Displayed when select TURBO function on cooling operation or on heating operation(available for the type adopts PTC in the indoor unit only).
- 16 DIGITAL DISPLAY:** Displays the current setting temperature when the air conditioner is in operation.
- 17 AUTO:** Displayed during Auto operation.
- 18 TIMER:** Displayed during Timer operation.
- 19 CLEAN AIR (optional):** Displayed when CLEAN AIR feature is activated.
- 20 Signal receptor.**



The description in the control is based on a typical model. The functions are the same in your air conditioner, even if there are some differences in the appearance.

Remote control

Remote control operation

- 1. Operation mode: Cool, Heat (Only for the models with cool/heat), DRY, FAN, and AUTO (Automatic).
- 2. Timer 24 hrs.
- 3. Internal temperature range selection: 17° - 30°.
- 4. LCD
- 5. Night light operation mode.



REMOTE CONTROLLER SPECIFICATIONS	
Rated voltage	3 V
Lowest of voltage of CPU emitting signal	2,0 V
Transmission distance	8 m*
Environment	-5°C ~ 60°C

\* (with 3 V, it reaches 11 m)



- 1. The air conditioner will not operate when curtains, doors or other materials block the signals between the remote control and the indoor unit.
- 2. Avoid spilling any liquid in the remote control. Do not expose to sunlight or any heat source.
- 3. If the infrared signal receiver in the indoor unit is exposed to sunlight, the air conditioner unit might not work properly. Use curtains or shades to avoid having sunlight directly to the receiver.
- 4. If other electrical equipment react to the signals sent by the remote control, change the position or consult with you local sales department.

Remote control battery

To use the remote control, it is necessary to install two (R03/Ir03x2) alkaline AAA batteries.

When should the batteries be replaced

- 1. When there is not a “beep” anymore from the indoor unit when using the control remote or the signal light indicator does not lit.
- 2. The indoor unit does not respond to the remote control commands to activate the programs.

To replace batteries

- 1. Slide out the battery compartment cover ( located in the back part of the remote control).
- 2. Install the two AAA batteries in the compartment (indicated in the drawing located inside the compartment).
- 3. Slide in the cover.
- 4. If the remote control is not operated for long period of times, batteries should be discarded.

Remote control instructions

- 1. The signal reach distance of the remote control to the receiver that is inside the main unit of the air conditioner is 8 meters. Any obstruction placed between the receiver and the remote control can cause interference, limiting the capacity of the programming.
- 2. Any time that a button is pressed in the remote control, the air conditioner emits a “beep” that indicates that a command has

been received and transmitted in the indoor unit.

- 3. When selecting the function of timer, the remote control sends (automatically) a signal to the indoor unit at the specific moment. If the control remote is left in a position that the signal is blocked, a 15 minute delay can be produced.



- 1. When replacing batteries, do not use old batteries or a different type battery. This may cause the remote control to malfunction.
- 2. If you do not use the remote controller for several weeks remove the batteries. Otherwise battery leakage may damage the remote controller.
- 3. The average battery life under normal use is about 6 months.
- 4. Replace the batteries when there is no answering beep from the indoor unit or if the Transmission Indicator light fails to light.

## Remote control description

- 1 ON/OFF:** Push this button to start operation, push the button again to stop operation.
- 2 MODE:** Each time you push the button, a mode is selected in a sequence that goes from AUTO, COOL\*, DRY, HEAT and FAN, as the following figure indicates:

AUTO ► COOL ► DRY ► HEAT\* ► FAN

**\* Note:** Only for heating and cooling models.

- 3 SWING:** Push this button, the louver would swing up and down automatically. Push again to stop it.
- 4 SLEEP:** Press this button to go into the Energy-Saving operation mode. Press it again to cancel. This function is only can be used on COOL, HEAT and AUTO mode and maintain the most comfortable temperature for you.
- Note:** While the unit is running under SLEEP operation mode, it would be canceled if you press the other button.

- 5 FOLLOW ME** (on some models): Push this button to initiate the Follow Me feature, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again. The air conditioner will beep to indicate the Follow Me feature has ended if it does not receive the signal during any 7 minute interval.



- 6 DIRECTION:** Press this button to change the swing angle of the louver. The swing angle of the louver is 60° for each press. When the louver swing at a certain angle which would affect the cooling and heating effect of the air conditioner, it would automatically change the swing direction. No symbol will appear in the display area when press this button.

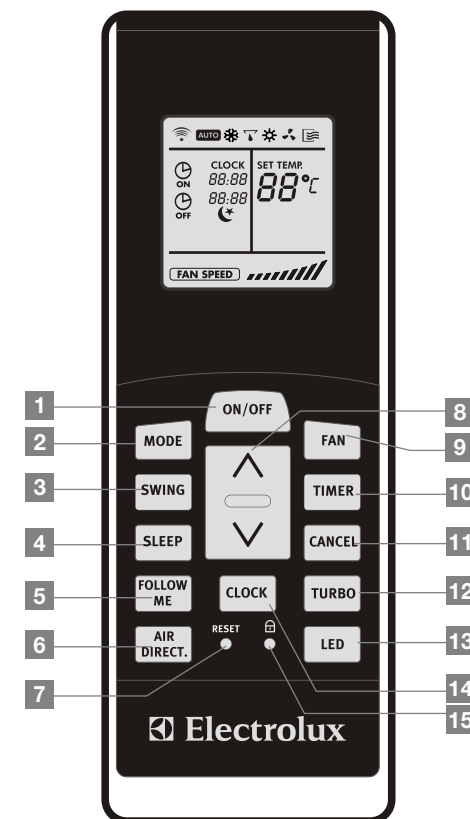
- 7 RESET:** When you press the recessed RESET button, all current settings are cancelled and the control will return to the initial settings.

- 8 TEMP/TIME:** Push the button to increase the indoor temperature setting or to adjust the TIMER in a clockwise direction. Push the button to decrease the indoor temperature setting or to adjust the TIMER in a counter-clockwise direction.

- 9 FAN SPEED:** Used to select the Fan Speed in four steps- AUTO, LOW, MED or HIGH. Each time the button is pressed, the fan speed mode is shifted.

AUTO ► LOW ► MED ► HIGH

- 10 TIMER:** This button is used to preset the time ON(start to operate) and the time OFF(turn off the operation).

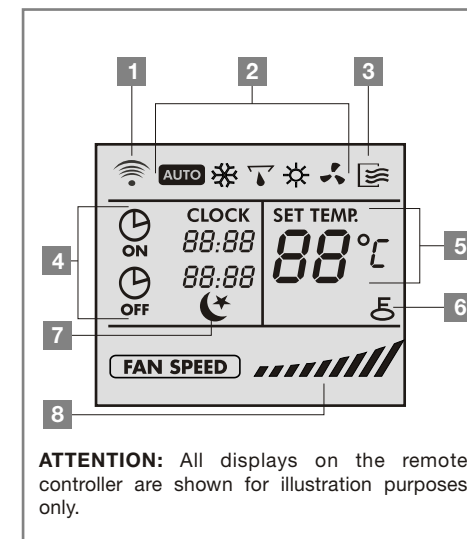


- 11 CANCEL:** Push this button to cancel the TIMER ON/OFF settings.
- 12 TURBO\*:** Push this button on COOL mode, the air conditioner goes into powerful cooling operation. Push again to cancel the TURBO function.  
**\*Note:** Only for some models.
- 13 LED:** Press this button to clear the digit display in the air conditioner, press it again to activate it.
- 14 CLOCK:** Use to set the time.
- 15 LOCK:** When you press the LOCK button, all current settings are locked in and the remote controller does not accept any operation except that of the LOCK. Press again to cancel the LOCK mode.



## LCD display indicators

- 1 TRANSMISSION INDICATOR:** This transmission indicator lights when remote controller transmits signals to the indoor unit.
- 2 MODE:** Displays the current operation mode. Including AUTO(AUTO), COOL(\*), DRY(☂), HEAT\*(☀), FAN ONLY (🌀) and back to AUTO.  
**\*Note:** Not applicable to cooling only models.
- 3 ON/OFF:** Displayed by pressing the ON/OFF button. Press the ON/OFF button again to remove.
- 4 TIMER:** Indicate Timer on/off time(0 23:50 hours) or clock time. The clock time is indicated only when no AUTO-ON/OFF timer is set. When AUTOTIMER feature is operating, it displays the AUTO-ON/OFF time. To check the current time, press the CLOCK button, and the time will display.
- 5 TEMPERATURE:** Displays the temperature setting (17°C to 30°C) When you set the operating mode to FAN ONLY, no temperature setting is displayed.
- 6 LOCK:** Displayed by pressing the LOCK button. Press the LOCK button again to remove.







- 7 SLEEP:** Displayed by pressing the SLEEP button. Press the SLEEP button again to remove.
- 8 FAN SPEED:** Displays the selected fan speed, AUTO(no display) and three fan speed levels "///" (LOW) "/////" (MED) and "/////////" (HIGH) can be indicated.

## Clock adjustment

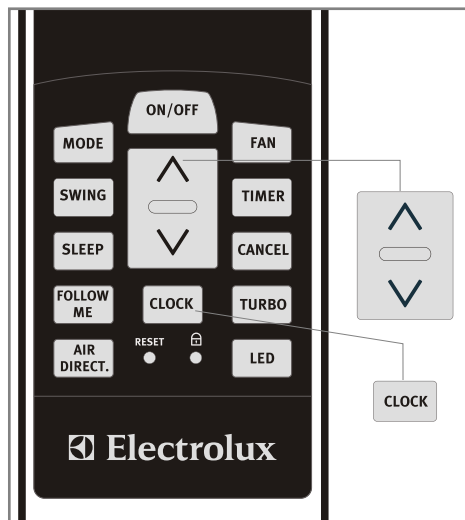
Before you start operating the air conditioner, set the clock of the remote controller using the procedures given in this section. The clock panel on the remote controller will display the time regardless of whether the air conditioner is in use or not.

### Initial setting of the clock

1. After batteries are inserted in the remote controller, the clock panel will display "12:00" and begin to flash.
2. Press  or  buttons to set time.
3. Each time you press the button, the time moves forward or backward by one minute depending on which side you press. The time alters as quickly as you push the button.
4. Keep pressing the button without releasing, the time moves forward or backward by 10 minutes depending on which side you press.
5. When the right time is achieved, press the CLOCK button or release the  or  and wait for 5 seconds, the clock time stops flashing and the clock starts operating.

### Readjusting the clock

1. Press the CLOCK button on the remote controller for about 3 seconds, the colon in the clock display will start to flash. To set the new time, follow 2 and 5 of "Initial Setting of the clock".



1. The time of the CLOCK must be set before the AUTO-TIMER feature will operate. The CLOCK time can not be adjusted after setting the AUTO-ON/OFF timer.
2. Clock accuracy is within 15 seconds per day.
3. Static electricity or other factors (in case of extremely high voltage) can cause remote controller clock initialize. If your remote controller is initialized (flashing "12:00"), readjust the clock before you start operation.

## How the air conditioner works

### Automatic operation

When the Air Conditioner is ready for use, switch on the power and the OPERATION indicator lamp on the display panel of the indoor unit starts flashing.

1. Use the MODE .select button to select AUTO.
2. Push the TEMP button to set the desired room temperature. The most comfortable temperature setting are between 21°C o to 28°C.
3. Push the ON/OFF button to start the air conditioner. The OPERATION lamp on the display panel of the indoor unit lights. The operating mode is AUTO FAN SPEED is automatically set and there are no indicators shown on the display panel of the remote controller.
4. Push the ON/OFF button again to stop the unit operation.



1. When you set the air conditioner in AUTO mode, it will automatically select cooling, heating(cooling/heating models only), or fan only operation depending on what temperature you have selected and the room temperature.
2. The air conditioner will control room temperature automatically round the temperature point set by you.
3. If the AUTO mode is uncomfortable, you can select desired conditions manually.

### COOL / HEAT and FAN ONLY operation

1. If the AUTO mode is not comfortable, you may manually override the settings by using COOL, HEAT\* or FAN\*\* ONLY modes.
2. Push the TEMP button to set the desired room temperature. When in COOL mode, the most comfortable settings are 21°C or above. When in HEAT mode, the most comfortable settings are 28 C or b elow.
3. Push the FAN SPEED to select the FAN mode of AUTO, HIGH, MED or LOW.
4. Push the ON/OFF button, the operation lamp lights and the air conditioner start to operate as your settings. Push the ON/OFF button again to stop this unit operation.

\* Nota: Only for heating and cooling models

\*\*Note: The FAN ONLY mode can not be used to control the temperature. While in this mode, only steps 1,3 and 4 may be performed.



**DRY operation**

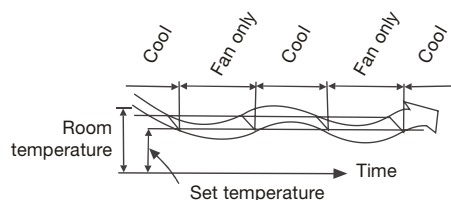
The dry mode will automatically select the drying operation based on the difference between the set temperature and the actual room temperature.

The temperature is regulated while dehumidifying by repeating turning on and off of the cooling operation or fan only. The fan speed is LOW.

1. Push the MODE button to select DRY.
2. Push the TEMP button to set the desired temperature from 21°C to 28°C.
3. Push the ON/OFF button, the operation lamp lights and the air conditioner start to operate in the DRY mode. FAN SPEED is Low. Push the ON/OFF button again to stop this unit operation.



Due to the difference of the set temperature of the unit and the actual indoor temperature, the Air Conditioner when in DRY mode will automatically operate many times without running the COOL and FAN mode.

**DRY Function****Air flow direction adjustment**

Use SWING to adjust the airflow direction up and down.

1. When swing is pressed the horizontal louver moves up and down automatically. Press again to stop operation



If the louver oscillates or moves in a position that could affect the cooling or heating of the air conditioner the direction of the oscillation/movement would alter automatically.

**SLEEP mode**

Press the sleep button to activate the sleep mode. To deactivate, press the button again.

Cool only mode:

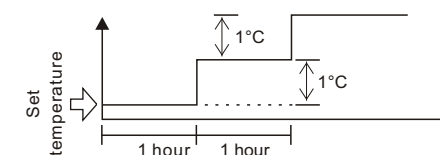
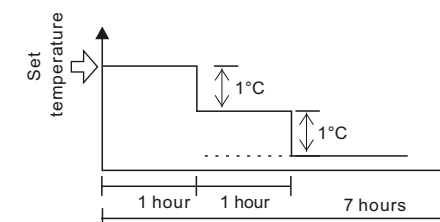
- The indoor unit fan operates at a low velocity.
- After an hour of operation, the adjusted temperature will increase 1° C. After, the unit keeps operating 2° C above the adjusted temperature.

In heating mode (some models):

- The indoor unit fan operates at a low velocity.
- After an hour of operation, the adjusted temperature will decrease 1° C. After, the unit keeps operating 2° C below the adjusted temperature.



Sleep function is only available in the Cool/Heat and AUTO mode.

**SLEEP FUNCTION (Cooling mode)****SLEEP FUNCTION (Heating mode)****Timer operation**

1. Press the TIMER button as required. The current timer setting is displayed alongside either the TIMER ON or TIMER OFF indicator, and will flash.
2. Press or to set the desired time. Each time you push the button, the time moves forward or backward by 10 minutes depending on which direction you press. The time alters as quickly as you press the button.
3. After setting the timer for TIMER ON and TIMER OFF, check the TIMER indicator on the display panel of the indoor unit is illuminated.
4. After the timer has been set, there will be a half a second delay before the remote control sends the signal to the air conditioner. Approximately 2



seconds after, the adjusted temperature will be displayed.

5. The time of on and off in the air conditioner is has been set.

### Canceling

Cancel button (CANCEL) Press the CANCEL button to cancel the timer setting.



When you select the timer operation, the remote controller automatically transmits the timer signal to the indoor unit at the specified time.

Therefore, keep the remote controller in a location from which it can transmit the signal to the indoor unit properly. The effective operation time set by remote controller is limited in 24 hours.

### Optimal operation

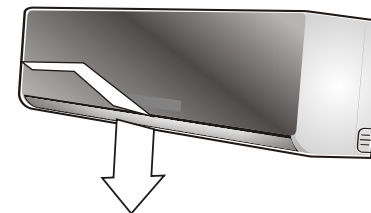
To achieve optimal performance, please note the following:

1. Adjust the air flow direction correctly so that it is not directed on people.
2. Adjust the temperature to achieve the highest comfort level. Do not adjust the unit to excessive temperature levels.
3. Close doors and windows on COOL or HEAT modes, or performance may be reduced.
4. Use TIMER ON button on the remote controller to select a time you want to start your air conditioner.
5. Do not put any object near air inlet or air outlet, as the efficiency of the air conditioner may be reduced and the air conditioner may stop running.
6. Clean the air filter periodically, otherwise cooling or heating performance may be reduced.
7. Do not operate unit with horizontal louvre in closed position.

## How to use the indoor unit

### Adjusting air flow direction

Adjust the air flow direction properly otherwise, it might cause discomfort or cause uneven room temperatures. Adjust the horizontal louver using the remote controller. Adjust the vertical louver manually.



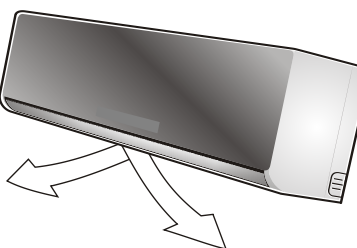
### Adjusting the vertical air flow direction (up - down)

The air conditioner automatically adjusts the vertical air flow direction in accordance with the operating mode.



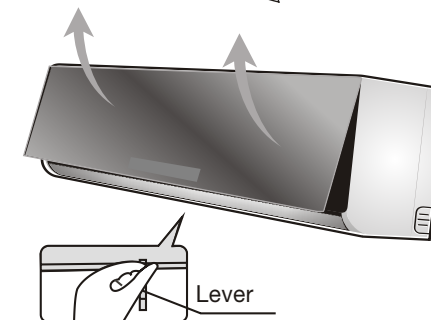
### To set the horizontal air flow direction (left/ right)

Adjust the vertical louver manually using the lever on the left or right side of the vertical louver arm (Depending on model). Take care not to catch fingers on the fan, horizontal louver or to damage vertical louvers. When the air conditioner is in operation and the horizontal louver is in a specific position, move the lever at left (or right, depending on model) end of the air outlet to the desired position.



### To automatically swing the air flow direction (up/down)

Perform this function while the air conditioner is in operation.



Press the SWING button on the remote controller.

To stop the function, press the SWING button again.

Press AIR DIRECTION button to lock louver in desired position.

The AIR DIRECTION and SWING buttons will be disabled when the air conditioner is not in operation (including when the TIMER ON is set).

Do not operate the air conditioner for long periods with the air flow direction set downward in cooling or dry mode. Otherwise, condensation may occur on the surface of the horizontal louver causing moisture to drop on to the floor or on furnishings.

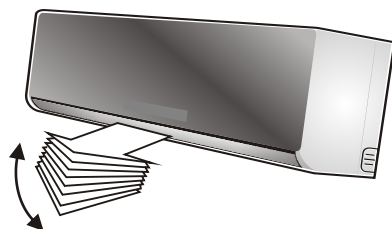
Do not move the horizontal louver manually. Always use the AIR DIRECTION or SWING button. If you move this louver manually, it may malfunction during operation. If the louver malfunctions, stop the air conditioner once and restart it.

When the air conditioner is started immediately after it was stopped, the horizontal louver might not move for approximately 10 seconds.

Open angle of the horizontal louver should not be set too small, as COOLING or HEATING performance may be impaired due to too restricted air flow area.

Do not operate unit with horizontal louver in closed position.

When the air conditioner is connected to power (initial power), the horizontal louver may generate a sound for 10 seconds, this is a normal operation.



## Manual operation (without remote control)

Manual operation can be used temporarily in case you can not find the remote controller or its batteries are exhausted.

1. Open and lift the front panel up to an angle until it remains fixed with a clicking sound.
2. One press of the manual control button will lead to the forced AUTO operation.
3. Close the panel firmly to its original position.

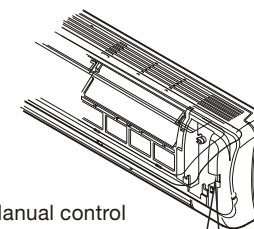
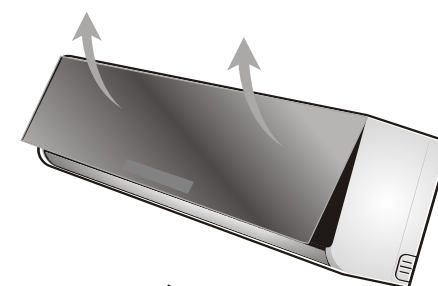


Once you push the manual button, the operation mode is shifted in an order as: AUTO, COOL, OFF.

Push the button twice, the unit will operate in forced COOL mode. This is used for testing purposes only.

Third press will stop the operation and turn off the air conditioner operation.

To restore the remote controller operation, use the remote controller directly.



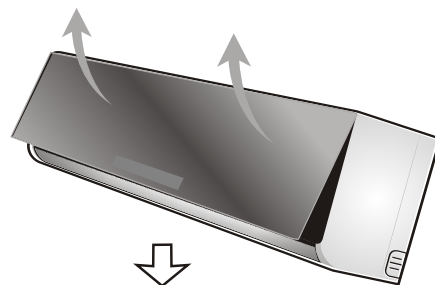
Manual control button

Auto/Cool ●

## Maintenance

### Cleaning the indoor unit and remote controller

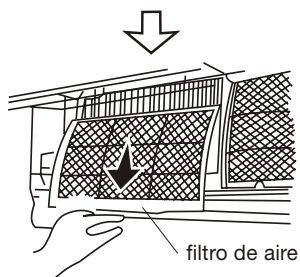
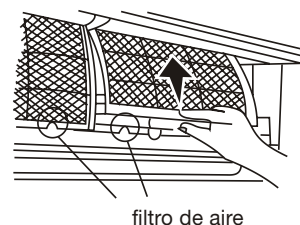
1. It is necessary to stop the air conditioner and disconnect the power supply before cleaning.
2. Use a dry cloth to wipe the indoor unit and remote controller.
3. A cloth dampened with cold water may be used on the indoor unit if it is very dirty.
4. The front panel of the indoor unit can be removed and cleaned with water. Then wipe it with a dry cloth.
5. Do not use a chemically treated cloth or duster to clean the unit.
6. Do not use benzine, thinner, polishing powder, or similar solvents for cleaning. These may cause the plastic surface to crack or deform.



### Cleaning the air filter

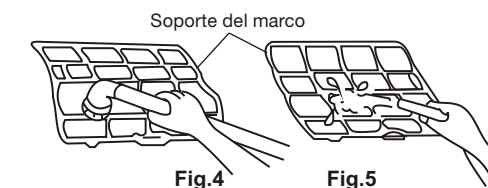
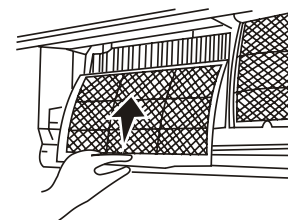
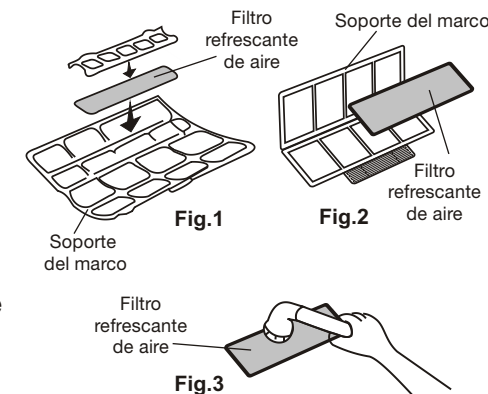
A clogged air filter reduces the cooling efficiency of this unit. Please clean the filter once every 2 weeks.

1. Lift the indoor unit panel up to an angle until it stops with a clicking sound.
2. Take hold of the handle of the air filter and lift it up slightly to take it out from the filter holder, then pull it downwards.
3. Remove the air filter (Fresh air filter + support) of the unit.
4. Remove fresh air filter from frame support.
5. Clean the fresh air filter at least once a month, and replace every 4 to 5 months. Use a vacuum cleaner,



then dry.

6. Clean the support frame using a vacuum cleaner or water. After, dry for a couple of hours or until dry.
7. Insert the fresh air filter in its original place.
8. Insert the high part of the air filter (fresh air filter + Support frame) again in the unit keeping in mind that the outside border (right and left) are lined up correctly, now place the whole filter in the initial position.



### Maintenance

If you plan to idle the unit for a long time, perform the following:

1. Operate the fan for about half a day to dry the inside of the unit.
2. Stop the air conditioner and disconnect power. Remove the batteries from the remote controller.
3. The outdoor unit requires periodic maintenance and cleaning. Do not attempt to do this yourself. Contact your dealer or servicer.

### Checks before operation

1. Check that the wiring is not broken off or disconnected.
2. Check that the air filter is installed
3. Check if the air outlet or inlet is blocked after the air conditioner has not been used for a long time.

## Operation tips

The following events may occur during normal operation.

### **Protection of the air conditioner.**

#### Compressor protection

The compressor can't restart for 3 minutes after it stops.

#### Anti-cold air (Cooling and heating models only)

The unit is designed not to blow cold air on HEAT mode, when the indoor heat exchanger is in one of the following three situations and the set temperature has not been reached.

1. When heating has just starting.
2. Defrosting.
3. Low temperature heating.

#### Defrosting (Cooling and heating models only)

Frost may be generated on the outdoor unit during heat cycle when outdoor temperature is low and humidity is high resulting in lower heating efficiency of the air conditioner. During this condition air conditioner will stop heating operation and start defrosting automatically.

The time to defrost may vary from 4 to 10 minutes according to the outdoor temperature and the amount of frost buildup on the outdoor unit.

The indoor or outdoor fan stop running when defrosting (Cooling and heating models only).

### **A white mist coming out from the indoor unit**

A white mist may generate due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.

A white mist may generate due to moisture generated from defrosting process when the air conditioner restarts in HEAT mode operation after defrosting.

### **Low noise of the air conditioner**

You may hear a low hissing sound when the compressor is running or has just stopped running.

This sound is the sound of the refrigerant flowing or coming to a stop.

You can also hear a low "squeak" sound when the compressor is running or has just stopped running. This is caused by heat expansion and cold contraction of the plastic parts in the unit when the temperature is changing.

A noise may be heard due to louver restoring to its original position when power is first turned on.

### **Dust is blown out from the indoor unit.**

This is a normal condition when the air conditioner has not been used for a long time or during first use of the unit.

### **A peculiar smell comes out from the indoor unit.**

This is caused by the indoor unit giving off smells permeated from building material, from furniture, or smoke.

### **The air conditioner turns to FAN only mode from COOL or HEAT (For cooling and heating models only) mode.**

When indoor temperature reaches the temperature setting on air conditioner, the compressor will stop automatically, and the air conditioner turns to FAN only mode. The compressor will start again when the indoor temperature rises on COOL mode or falls on HEAT mode (For cooling and heating models only) to the set point.

Dripping water may generate on the surface of the indoor unit when cooling in a high relative humidity (relative humidity higher than 80%). Adjust the horizontal louver to the maximum air outlet position and select HIGH fan speed.

### **Heating mode (For cooling and heating models only)**

The air conditioner draws in heat from the outdoor unit and releases it via the indoor unit during heating operation. When the outdoor temperature falls, heat drawn in by the air conditioner decreases accordingly. At the same time, heat loading of the air conditioner increases due to larger difference between indoor and outdoor temperature. If a comfortable temperature can't be achieved by the air conditioner, we suggest you use a supplementary heating device.

### **Auto-restart function**

Power failure during operation will stop the unit completely.

For the unit without Auto-restart feature, when the power restores, the OPERATION indicator on the indoor unit starts flashing. To restart the operation, push the ON/OFF button on the remote controller. For the unit with Auto-restart feature, when the power restores, the unit restarts automatically with all the previous settings preserved by the memory function.

### **Lightning or a car wireless telephone operating nearby may cause the unit to malfunction.**

Disconnect the unit with power and then re-connect the unit with power again. Push the ON/OFF button on the remote controller to restart operation.

## Solutions for problems

If your air conditioner malfunctions, check the following information to find solutions or probable causes of the failure. Do not try to repair the unit by yourself, if these solutions do not solve the failures; call your local service repair team.

### Poor Equipment performance

1. The air outlet or inlet in the exterior part is obstructed.
2. The temperature in the exterior is high due to direct sunlight or another heat source.
3. Heater or a cooking stove is being used in the same room.
4. Room is full of people.
5. The air filter is obstructed by dust or is dirty.
6. Inappropriate temperature adjustment.
7. Front part is obstructed.
8. The capacity of the equipment is not adequate for the size of the room.
9. Air conditioner was just turn on.
10. Windows or doors are open.
11. Motor protector has been activated.

### The unit does not start

1. The plug is not connected to the outlet.
2. No electricity in the outlet.
3. The voltage is different.
4. Temperature is not adjusted properly.
5. burned fuse.
6. The remote control batteries need to be replaced.
7. wrong operation time.



### Stop the air conditioner immediately if one of the following malfunctions occur

1. The operation indicator or other indicator flash(5 times per second) and the flashing is not stop by disconnecting and connecting the unit.
2. Frequent change of fuses and malfunctions in the switch circuit.
3. Water spills over the equipment.
4. Remote control does not work.
5. Any other abnormal situation.

## Technical specifications

### COOL MODELS

OUTDOOR UNIT	EASC09C2ASK*	EASC12C2ASK*	EASC18C2ASK*	EASC24C2ASK*
INDOOR UNIT	EASE09C2ASK*	EASE12C2ASK*	EASE18C2ASK*	EASE24C2ASK*
*Color (W=White;S=Silver;M=Mirror)	W,S,M	W,S,M	W,S,M	W,S,M
Cycle	Cool	Cool	Cool	Cool
Cooling power (Btu/h)	9000	12000	18000	24000
Heating power (Btu/h)	-	-	-	-
Rated voltage (V)	220	220	220	220
Frequency (Hz)	60	60	60	60
Indoor unit width (mm)	790	790	930	1036
Indoor unit high (mm)	275	275	275	315
Indoor unit depth (mm)	190	196	198	230
Indoor unit net weight (kg)	7,5	9	10	13,5
Outdoor unit width (mm)	700	700	780	820
Outdoor unit high (mm)	535	540	540	600
Outdoor unit depth (mm)	235	240	250	345
Outdoor unit net weight (kg)	21	24	36	40

