

**Please read this manual carefully before installation and keep it for future reference.**

# **INVERTER SPLIT-TYPE ROOM AIR CONDITIONER HEAT PUMP**

# **Installation Manual**



**MRCOOL®**  
COMFORT MADE SIMPLE

## **DIY Series**

- Please read this installation manual completely before installing the product.
- Inspect all packaged components thoroughly.
- If the power cord is damaged, replacement work may be performed by authorized personnel only.
- Installation work must be performed in accordance with National Wiring Standards by authorized personnel only.
- Contact an authorized service technician for repair, maintenance or installation of this unit.

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### **CAUTION**


- Contact an authorized service technician for repair or maintenance of this unit.
- Contact the authorized installer for installation of this unit.
- This appliance is not intended for use by persons(including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord is to be replaced, replacement work shall be performed by authorized personnel only.
- Installation work must be performed in accordance with the national wiring standards by authorized personnel only.






## SAFETY PRECAUTIONS

- Read the following SAFETY PRECAUTIONS carefully before installation.
- Installation must be performed in accordance with the requirement of NEC and CEC by authorized personnel only.
- Incorrect installation due to ignoring of the instruction will cause harm or damage, and the seriousness is classified by the following indications.

 WARNING	This symbol indicates the possibility of death or serious injury.
 CAUTION	This symbol indicates the possibility of injury or damage to property.

The items to be followed are classified by the symbols:

	Symbol with background white denotes item that is PROHIBITED from doing.
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 WARNING	
1) Engage dealer or specialist for installation. If installation done by the user is defective, it will cause water leakage, electrical shock or fire.	
2) Install strictly according to installation instructions. If installation is defective, it will cause water leakage, electrical shock or fire.	
3) Use only included accessories in this package for installation.	
4) Install at a strong and firm location which is able to withstand the set's weight. If the strength is not enough or installation is not properly done, the set will drop and cause injury.	
5) For electrical work, follow the local national wiring standard, regulation and these installation instructions. An independent circuit and single outlet must be used. If electrical circuit capacity is not enough or defect found in electrical work, it will cause electrical shock fire.	
6) Use the specified cable and connect tightly and clamp the cable so that no external force will be acted on the terminal. If connection or fixing is not perfect, it will cause heat-up or fire at the connection.	
7) Wiring routing must be properly arranged so that control board cover is fixed properly. If control board cover is not fixed perfectly, it will cause heat-up at connection point of terminal, fire or electrical shock.	
8) When carrying out piping connection, take care not to let air substances other than the specified refrigerant go into refrigeration cycle. Otherwise, it will cause lower capacity, abnormal high pressure in the refrigeration cycle, explosion and injury.	
9) Do not modify the length of the power supply cord or use of extension cord, and do not share the single outlet with other electrical appliances. Otherwise, it will cause fire or electrical shock.	
 CAUTION	
1) This equipment must be grounded and installed with leakage current breaker. It may cause electrical shock if grounding is not perfect.	
2) Do not install the unit at place where leakage of flammable gas may occur. In case gas leaks and accumulates at surrounding of the unit, it may cause fire.	
3) Carry out drainage piping as mentioned in installation instructions. If drainage is not perfect, water may enter the room and damage the furniture.	

## INSTALLATION INSTRUCTIONS

### Selecting installation place

Read completely, then follow step by step.

#### Indoor unit:

- Do not expose the indoor unit to heat or steam.
- Select a place where there are no obstacles in front or around the unit.
- Make sure that condensation drainage can be conveniently routed away.
- Do not install near a doorway.
- Ensure that the space on the left and right of the unit is more than 12cm/4.72in.
- Use a stud finder to locate studs to prevent unnecessary damage to the wall.
- The indoor unit should be installed on the wall at a height of 2.3m/7.55ft or more from the floor.
- The indoor unit should be installed allowing a minimum clearance of 15cm/5.9in from the ceiling.
- Any variations in pipe length will/may require adjustment to refrigerant charge.
- There should not be any direct sunlight. Otherwise, the sun will fade the plastic cabinet and affect its appearance. If unavoidable, sunlight prevention should be taken into consideration.

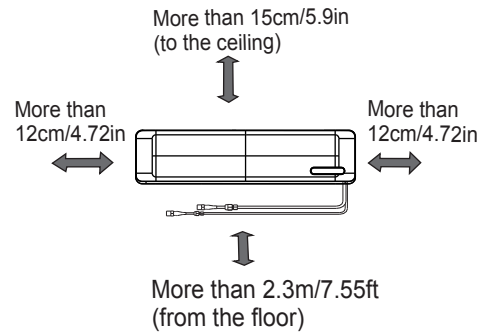


Fig.1

#### Outdoor unit:

- If an awning is built over the outdoor unit to prevent direct sunlight or rain exposure, make sure that heat radiation from the condenser is not restricted.
- Ensure that the clearance around the back of the unit is more than 30cm/11.81in and left side is more than 30cm/11.81in. The front of the unit should have more than 200cm/78.74in of clearance and the connection side (right side) should have more than 60cm/23.62in of clearance.
- Do not place animals and plants in the path of the air inlet or outlet.
- Take the air conditioner weight into account and select a place where noise and vibration will not be an issue.
- Select a place so that the warm air and noise from the air conditioner do not disturb neighbors.

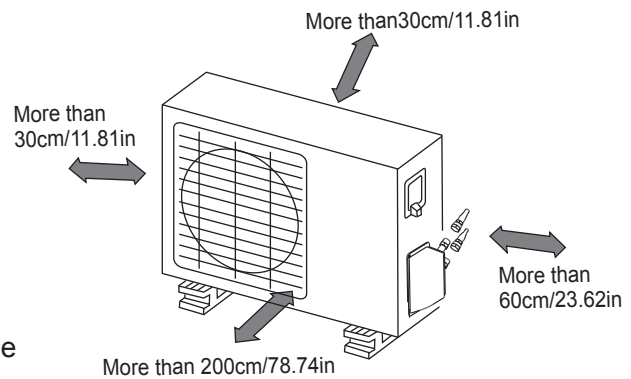


Fig.2

### Rooftop installation:

- If the outdoor unit is installed on a roof structure, make sure unit is level.
- Ensure the roof structure and anchoring method are adequate for the unit location.
- Consult local codes regarding rooftop mounting.
- If the outdoor unit is installed on roof structures or external walls, this may result in excessive noise and vibration, and may also be classed as a non serviceable installation.

### Tools needed for installation:

Level gauge	Hexagonal wrench (4mm/0.157in)
Screwdriver	Gas-leak detector (or a soapy spray)
Electric drill, Hole core drill ( $\phi$ 90mm/3.54in)	User manual
Thermometer (no required, but recommended)	Measuring tape
Multimeter (no required, but recommended)	Gloves for safety (especially connecting line set)
Safety goggles (especially connecting line set)	



## Accessories

Number	Name of Accessories	QTY
1	Installation Plate	1
2	Clip Anchor	5-8(depending on models)
3	Self-tapping Screw A ST3.9X25	5-8(depending on models)
4	Seal(For cooling & heating models only)	1
5	Drain Joint(For cooling & heating models only)	1
6	Remote controller	1
7	Self-tapping Screw B ST2.9X10	Optional parts
8	Remote controller holder	
9	Quick connecting refrigerant pipe and wire	1
10	Air freshening filter(used to install on Air filter)	1(depending on models)
11	Sound deadening pads(used to wrap up the quick connectors)	2

Note: Except the above parts provided, the other parts needed during installation you must purchase.

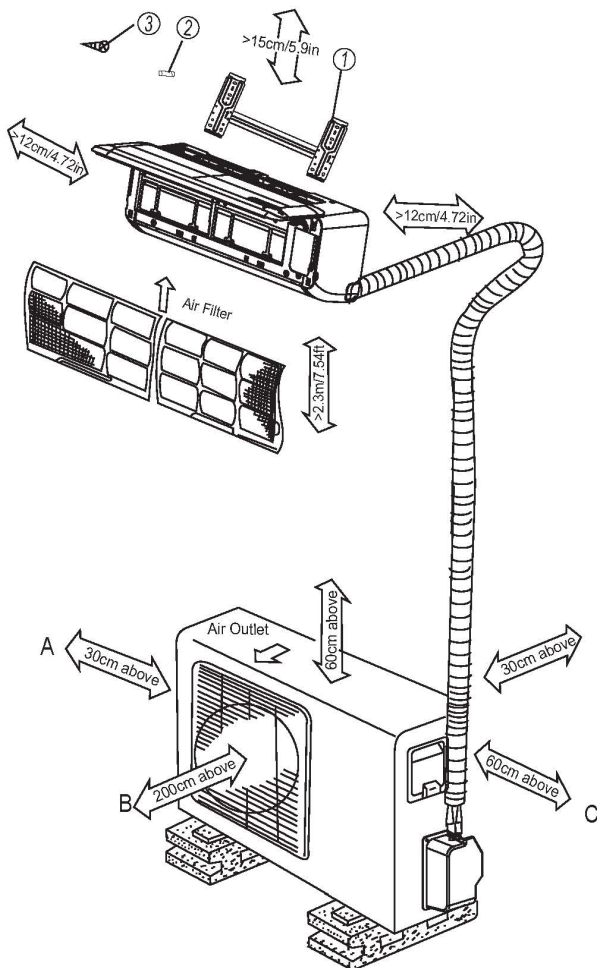


Fig.3

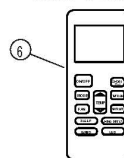
### CAUTION

- Use a stud finder to locate studs to prevent unnecessary damage to the wall.
- Two of the A, B and C directions should be free from obstructions.
- This illustration is for explanation purposes only.
- Copper lines must be insulated independently.

Quick connecting refrigerant pipe



Remote Controller



Mounting screw B  
ST2.9x10-C-H



Remote controller holder

# INSTALLATION INSTRUCTIONS

## Indoor unit installation

### 1. Fitting the Installation Plate

1. Fit the installation plate horizontally on structural parts of the wall with spaces around the installation plate.
2. If the wall is made of brick, concrete or the like, drill five or eight 5mm/0.197in diameter holes in the wall. Insert Clip anchor for appropriate mounting screws.
3. Fit the installation plate on the wall with eight or five type A screws.

Correct orientation of Installation Plate

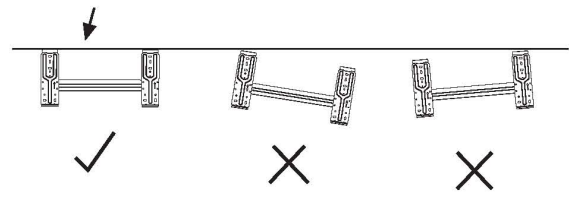
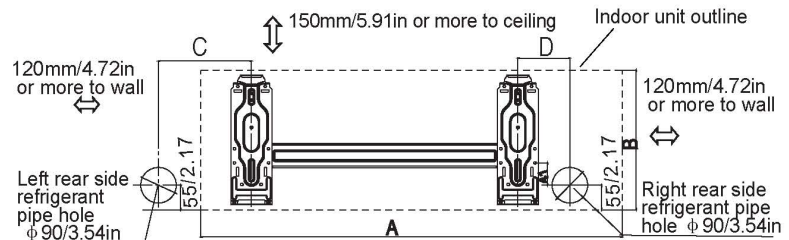


Fig.4

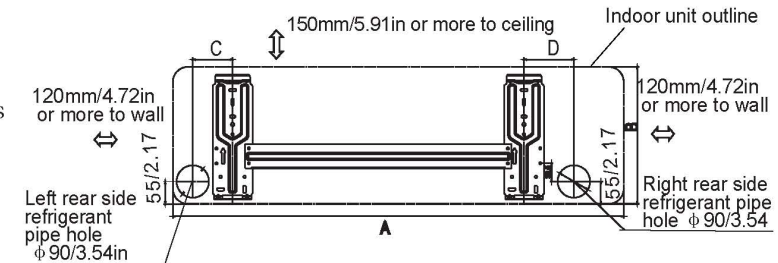
Note:

Fit the Installation Plate and drill holes in the wall according to the wall structure and corresponding mounting points on the installation plate.

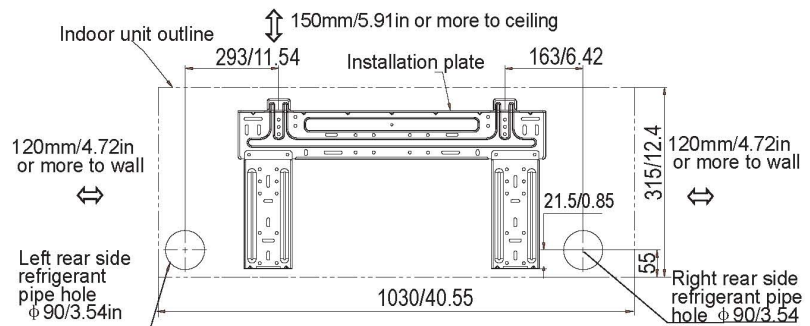
(Dimensions are in mm & in unless otherwise stated)



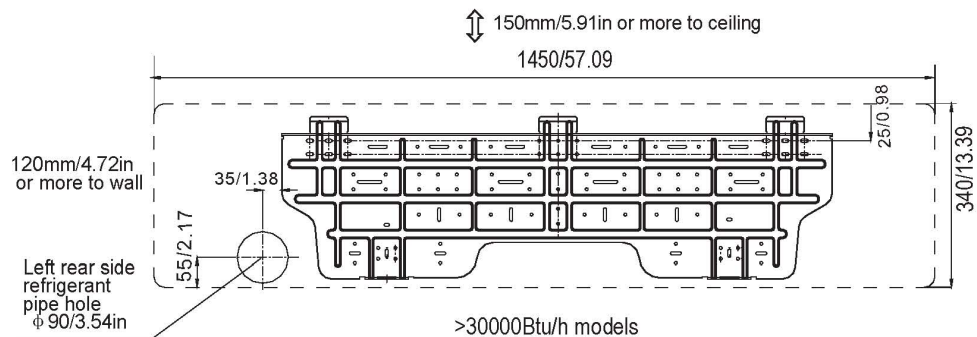
9000Btu/h models(A:680/26.77, B:255/10.04, C:170/6.69, D:92/3.62)  
12000Btu/h models(A:770/30.31, B:255/10.04, C:170/6.69, D:95/3.74)



18000Btu/h models(A:905/35.63, B:275/10.83, C:80/3.15, D:100/3.94)



22000Btu/h models



>30000Btu/h models

Fig.5

## INSTALLATION INSTRUCTIONS

### 2. Drilling

1. Determine hole positions according to the diagram detailed in Fig.5. Drill one (1) hole ( $\phi 90\text{mm}/3.54\text{in}$ ) slanting slightly to outdoor side.
2. Always use wall hole conduit when drilling metal grid, metal plate or the like.

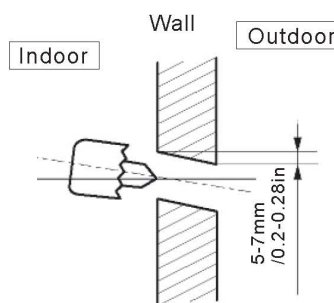


Fig.6

### 3. Drainage Installation

1. Run the drain hose sloping downward. Do not install the drain hose as illustrated in Fig.7.
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.

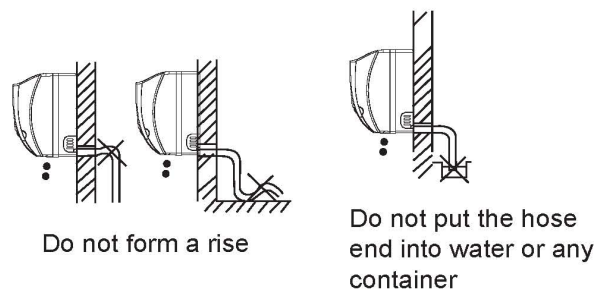


Fig.7

### 4. Connecting the refrigerant pipes

#### 4.1 Tools needed

-You will require the following tools to carry out this installation work correctly:

- 1x open-ended wrench, 19 mm/0.75in
- 1x open-ended wrench, 22 mm/0.87in
- 1x open-ended wrench, 24 mm/0.95in
- 1x Allen key, 5 mm/0.2in
- 1x Philips screwdriver
- 1x leak detection spray or alternatively soap suds (water/detergent mix)

#### 4.2 **Important** information

- Follow the detailed instructions for connecting the refrigerant pipes to the indoor unit and outdoor unit. We can only provide a warranty if the lines are installed correctly as described in the instructions.
- Do not remove the sealing caps and stoppers until immediately before you install the lines.
- To prevent leaks, ensure that the quick-release screw connections are absolutely free of dirt. Moisture or foreign bodies will adversely affect the function of the quick-release connectors, leading to a risk of refrigerant loss (not covered by the warranty).
- Only install refrigerant lines outdoors in dry weather.
- The refrigerant lines must not be installed and then plastered over.
- Please make sure that refrigerant is never allowed to enter the environment. Improper handling of refrigerant may be harmful to health. Always wear work gloves and goggles when handling refrigerant.

Refrigerant pipe  
Connectors(both ends):



Fig.8

NOTE: To distinguish the connectors to be connected to the indoor unit and outdoor unit, the connectors of the refrigerant pipe has been labelled "A", "B", "C" and "D". Ensure the marks on the connectors are the same to the indoor's and outdoor's respectively during connection.



## INSTALLATION INSTRUCTIONS

- Do not smoke during the installation work.  
The equipment must never be operated without the refrigerant lines connected, otherwise the equipment will be damaged immediately.
- The screw connections may only be tightened using the appropriate open-ended wrench.
- Remember that if they are tightened with too little torque they will leak but if they are tightened with too much torque, the screw connections may suffer damage. If you should not be confident about connecting the refrigerant line connectors yourself, it is imperative that you contact your customer service team or a refrigeration contractor.

**Important! The EQ valves are only designed for one-time installation. Their seal can not be guaranteed if they are installed on more than one occasion. This will also void the warranty.**



Fig.9

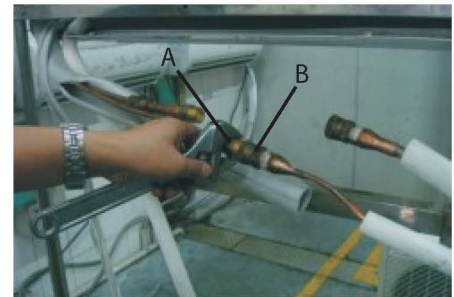


Fig.10a

### 4.3 Connecting the refrigerant pipes to indoor unit

1. Do not remove the plastic seals from the indoor equipment and the appropriate refrigerant pipe until immediately before you connect them.
2. Align the refrigerant pipes correctly, make sure the dimensions of the connecting refrigerant pipe are the same. Place the screw connector on the refrigerant pipes just on to the thread on the indoor equipment and tighten the first few threads by hand. See Fig.9.

**IMPORTANT: Before you continue, it is essential that you read the following instructions carefully.**

3. Hold the points marked "A" using a 22mm/0.87in open-ended wrench and turn the nuts only at the points marked "B" using a 24mm/0.95in open-ended wrench. See Fig.10a & 10b.
4. Ensure that the screw connectors do not skew as you tighten them and work quickly.



Fig.10b

**IMPORTANT: Since the coupling works with tapping rings, it may leak if you undo and reconnect the pipes. This will also void the warranty.**

5. After finishing the connection, first wrap up the quick connectors with the sound deadening pads (packed with accessories) solidly and tightly as shown in Fig.11, then use the tape to wrap the refrigerant pipe and connecting cable together. See Fig.12.



Fig.11

NOTE: For aesthetic reasons, the quick connector parts are recommended to be placed outside of room.



Fig.12

Note: Route the package of pipes/hoses in the direction of (rear)right or (rear)left. See Fig.13 .

One side drainage structure is standard. Both sides drainage structure is optional and can only be customized from factory. For both sides drainage structure, it can be chosen for right, left or both sides drainage connection. If choosing both sides drainage connection, another proper drain hose is needed as there is only one drain hose offered by factory. If choosing one side drainage connection, make sure the drain hole on the other side is well plugged. For 9k/12k models, if choosing right side drainage connection, please choosing right-hand or right-back piping. The connection of the drain hose is supposed to be done by qualified installer in case of water leakage.

5. Bundle the tubing, connecting cable with tape securely, evenly as shown in Fig. 14.

- 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.

**CAUTION:**

- Do not allow the piping to let out from the back of the indoor unit.
- Be careful not to let the drain hose slack.
- Heat insulate both of the auxiliary piping.
- 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.
- Never intercross nor intertwist the power wire with any other wiring.
- Run the drain hose sloped downward to drain out the condensed water smoothly.

**5. Indoor unit installation**

1. Feed the package of pipes/hoses through the hole in the wall.
2. Hook the indoor unit onto the upper portion of the installation plate. (Engage the two hooks of the rear top of the indoor unit with the upper edge of the installation plate.) Ensure that the hooks are properly seated on the installation plate by moving it left and right.
3. The female half 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. Press the lower left and right sides of the unit against the installation plate until the hooks engage into their slots.

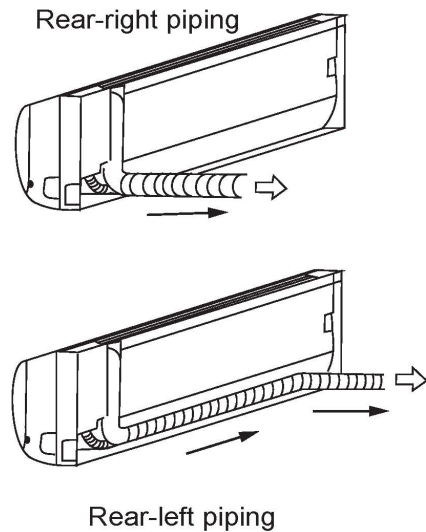


Fig. 13

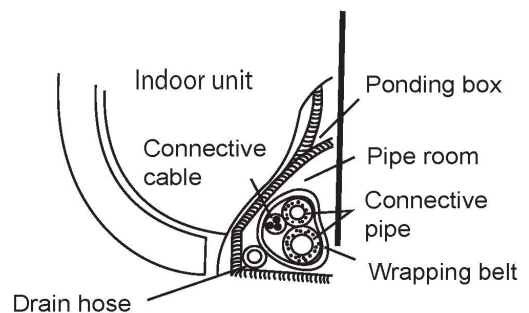


Fig. 14

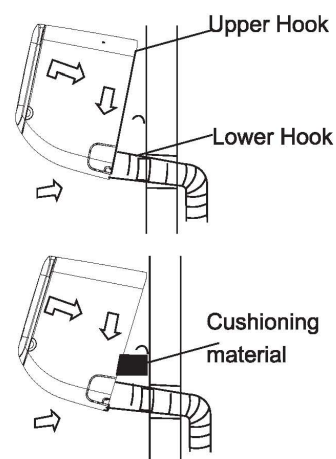


Fig. 15



# INSTALLATION INSTRUCTIONS

## Outdoor unit installation

### 1. Outdoor installation precaution

- Select the location for installation (follow the previous notes on selecting the installation place).
- If the outdoor unit is higher than the indoor unit, make sure that a curve is made in the refrigerant pipe which is lower than the bottom edge of the indoor unit. See Fig.16.
- 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, Fig.17.
- If need suspending installation, the installation bracket should accord with technique requirement in the installation bracket diagram. 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.
- Be sure there is no obstacle which can block radiating air.

### 2. Settlement of outdoor unit

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

Outdoor unit dimension mm/in(WxHxD)	Mounting dimensions	
	A(mm/in)	B(mm/in)
760(29.92)x590(23.23)x285(11.22)	530(20.87)	290(11.42)
820(32.28)x595(23.43)x330(12.99)	523(20.59)	340(13.39)
780(30.71)x540(21.26)x250(9.84)	549(21.61)	276(10.87)
660(25.98)x242(9.52)x540(21.26)	458(18.03)	276(10.87)
840(33.07)x700(27.56)x320(12.6)	560(22.05)	335(13.19)
990(38.98)x965(37.99)x345(13.58)	624(24.57)	366(14.41)

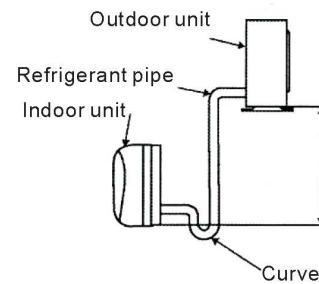


Fig.16

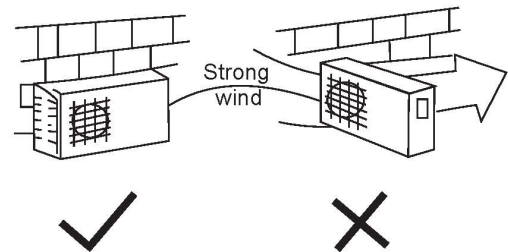


Fig.17

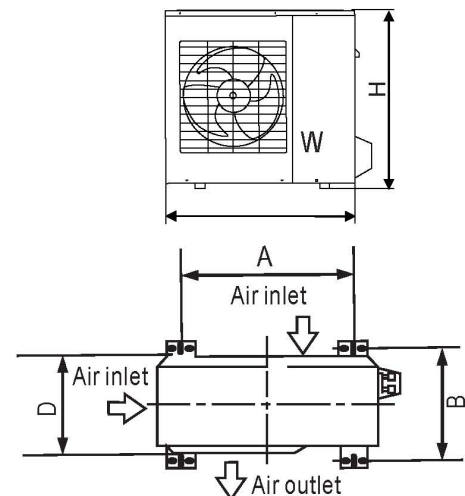


Fig.18

## Drain joint installation

**NOTE:** The drain joint is slightly different according to the outdoor unit specifications .

For the drain joint with the seal (Fig.19 (A)), first fit the seal onto the drain joint, then insert the drain joint into the base pan hole of outdoor unit, rotate  $90^\circ$  to securely assemble them. To install drain joint as shown in Fig.19 (B), insert the drain joint into the base pan hole of outdoor unit until it remains fixed with a clicking sound. 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.

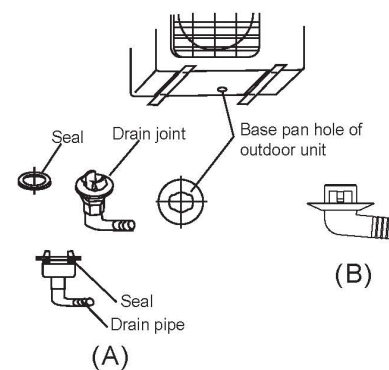


Fig.19

## REFRIGERANT PIPE CONNECTION

### 4. Connecting the refrigerant pipe to outdoor unit

**CAUTION:** For your safety, always wear goggles and work gloves when connecting the pipes.

**NOTE:** To distinguish the connectors to be connected to the indoor unit and outdoor unit, the connectors of the refrigerant pipe have been labelled “A”, “B”, “C” and “D”. Ensure the marks on the connector are the same to the indoor’s and outdoor’s respectively during connection.

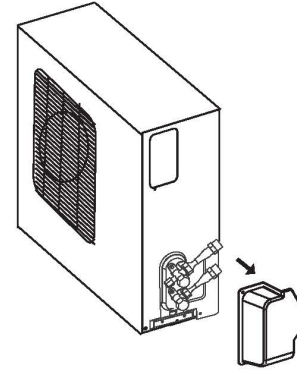


Fig.20

1. First remove the water tray on the outdoor unit as shown in Fig.20.
2. Do not remove the plastic seals from the outdoor unit and the appropriate refrigerant pipes until immediately before you connect them, Fig.21.
3. Align the refrigerant pipes correctly so they line up with the valves and are not stressed. Place the screw connector on the refrigerant line just on to the thread on the outdoor unit and tighten the first few threads by hand, Fig.22.

**IMPORTANT: Before you continue, it is essential that you read the following instructions carefully.**

4. Now tighten the bottom screw connector first and then the top screw connector using the open-ended wrench. Hold the points marked “A” using a 22mm/0.87in open-ended wrench and turn the nuts only at the points marked “B” using a 24mm/0.95in open-ended wrench, see Fig.23.
- Ensure that the screw connectors do not skew as you tighten them and work quickly. See the next page for the proper torque.

**IMPORTANT: Since the coupling works with tapping rings, it may leak if you undo and reconnect the pipes. This will void the warranty.**

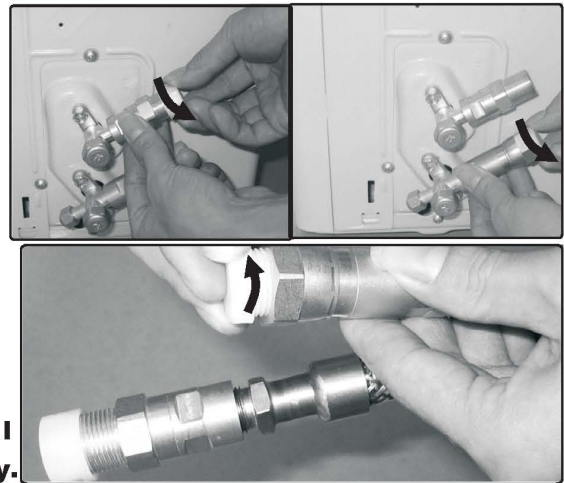


Fig.21



Fig.22

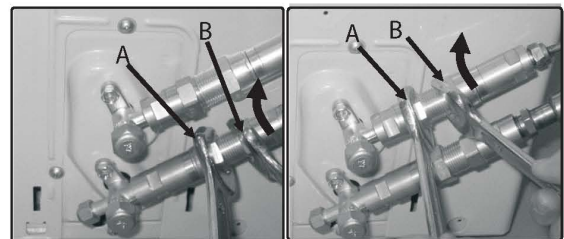


Fig.23



## REFRIGERANT PIPE CONNECTION

Coupling size (last 2 part numbers)	Pound-force foot(1bf-ft)	Newton meter(N-m)	Kilogram-force meter(kgf-m)
-06(9.5mm/3/8' dash size)	18 - 20	24.4 - 27.1	2.4 - 2.7
-08(12.7mm/1/2' dash size)	30 - 35	40.6 - 47.4	4.1 - 4.8
-12(19.1mm/3/8' dash size)	45 - 50	61.0 - 67.7	6.2 - 6.9
-16(25.4mm/1' dash size)	60 - 65	81.3 - 88.1	8.2 - 8.9

After completing steps 1 - 4, check that all the connections are sealed correctly using leak detection spray or soap suds. If any bubbles form, the system has a leak and the screw connectors must be retightened using an open-ended wrench.

5. Now remove the cover on the top valve using a 19 mm open-ended wrench. Open the valve by turning it counter-clockwise as far as it will go using a 5 mm Allen key. The valve is now open. If the valve is not opened fully, the system may malfunction and suffer damage. Screw the cover back on to the top valve and tighten it well to ensure that it is properly sealed. See Fig.24.

6. Now remove the cover on the bottom valve using a 19 mm open-ended wrench. Open the valve by turning it counter-clockwise as far as it will go using a 5 mm Allen key. The valve is now open. If the valve is not opened fully, the system may malfunction and suffer damage. Screw the cover back on to the bottom valve and tighten it well to ensure that it is properly sealed. See Fig.25.

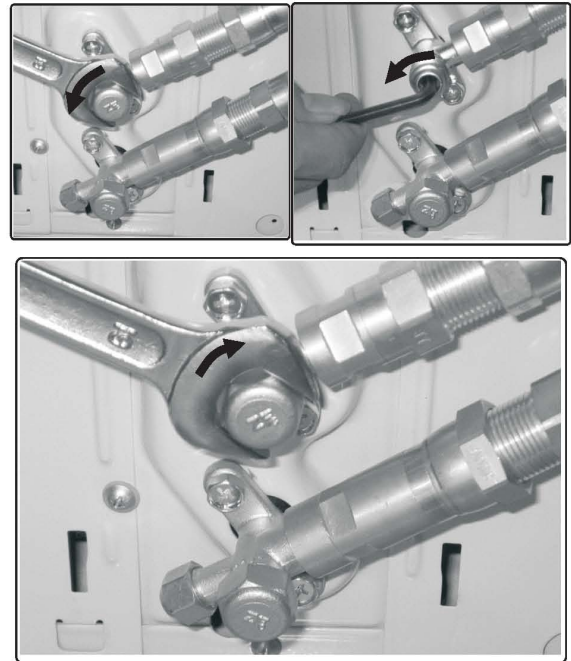


Fig.24

**Important! The conical ring on the valve has an important sealing function together with the sealing seat in the caps. Ensure that you do not damage the cone and that you keep the cap free of dirt and dust.**

7. After completing steps 1 - 6, check that all the connections are sealed correctly using leak detection spray or soap suds. If any bubbles form, the system has a leak and the screw connectors must be retightened using an open-ended spanner.

8. Start the equipment so that the operating pressures build up inside it. Check all the connectors again for signs of leaks  
 a) during cooling mode  
 b) in heating mode.  
 If any bubbles form, the system has a leak and the screw connectors must be retightened using an open-ended wrench.

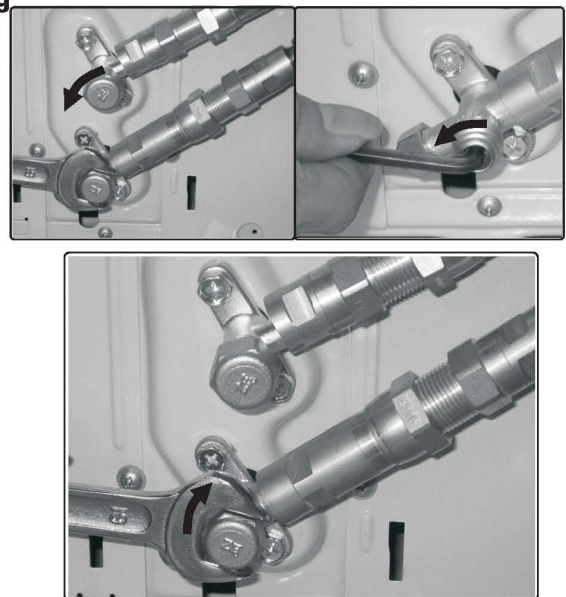
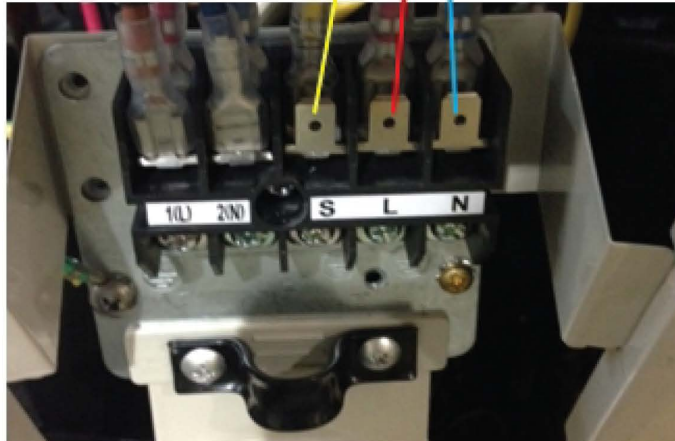
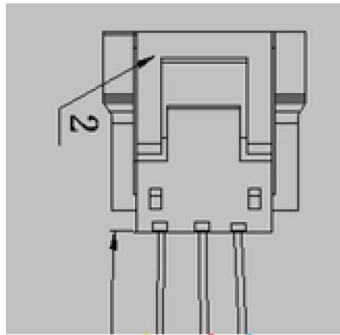


Fig.25

# ELECTRICAL WORK

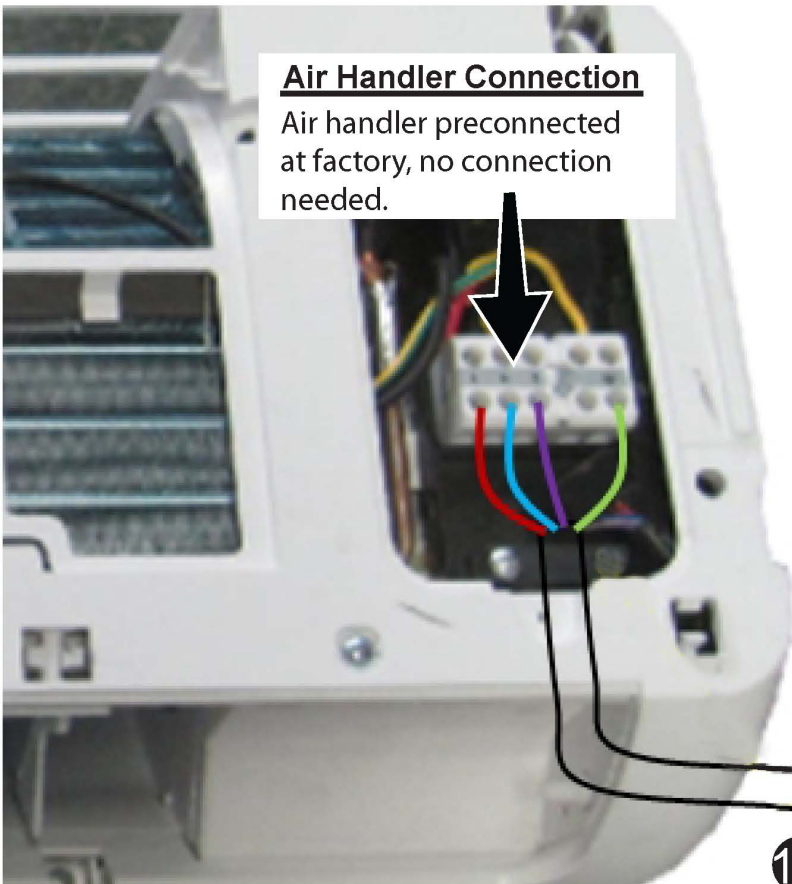
## Condenser Connection

Connection at the condenser slides over the spade.



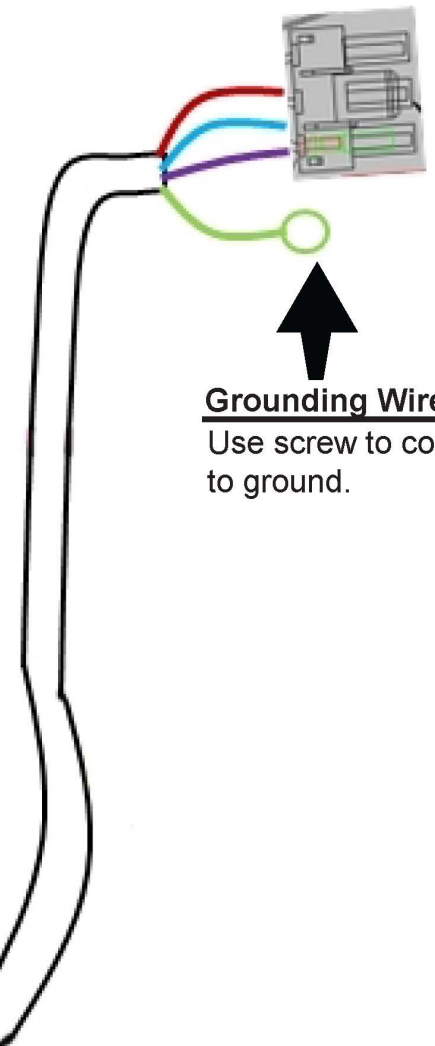
## Air Handler Connection

Air handler preconnected at factory, no connection needed.



## Grounding Wire

Use screw to connect to ground.



Electrical Specifications				
System	DIY-12	DIY-18	DIY-24	DIY-32
Power Supply	115/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Min. Circuit Amps	20.0A	4.0A	15.0A	16.0A
Max Fuse	30.0A	20.0A	25.0A	25.0A

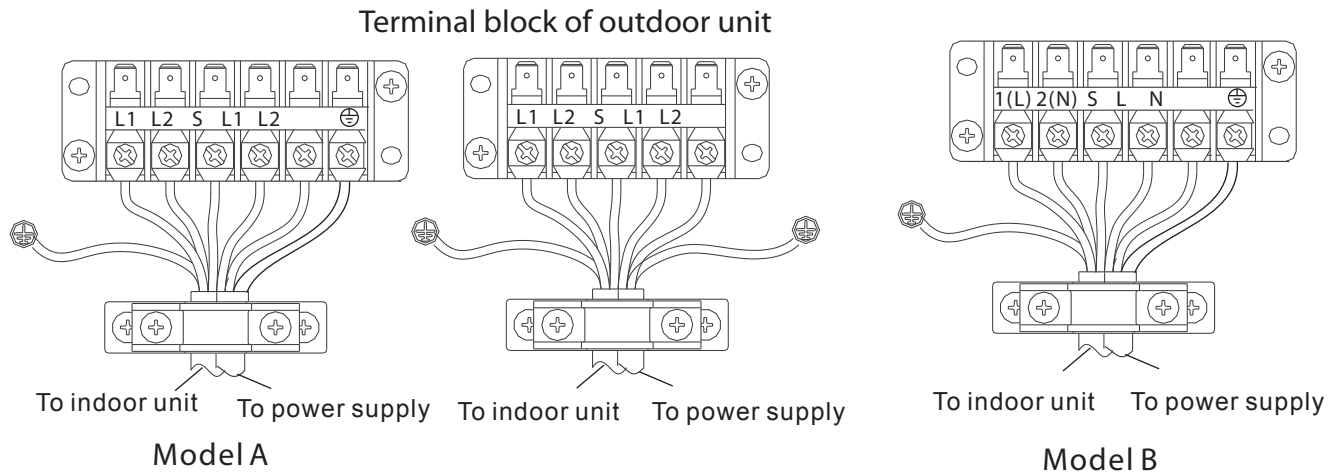


Fig.27

**Test running:**

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

- Check that all tubing and wiring have been properly connected.
  - Check that the gas and liquid side service valves are fully open.
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 63 °F), the unit cannot be controlled by the remote controller to run at cooling mode, manual operation can be taken. Manual operation is used when the remote controller is disabled or maintenance is necessary.
    - Hold the panel sides and lift the panel up to an angle until it remains fixed with a clicking sound.
    - Press the Manual control button to select the AUTO or COOL, the unit will operate under Forced AUTO or COOL mode(see User Manual for details).
  4. The test operation should last 30 minutes.

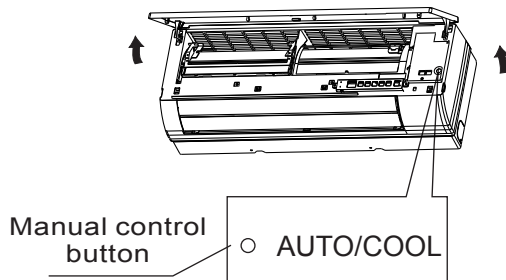


Fig.28



### 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 leakage circuit breaker in a wet or moist area.
- 8) The following would be caused by voltage drop.
  - A) 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.

### 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:

Suggest Minimum Wire Size (AWG: American Wire Gage):

Appliance Amps	AWG Wire Size
10	18
13	16
18	14
25	12
30	10

**NOTE:** The cable size and the current of the fuse or switch are determined by the maximum current indicated on the nameplate which located on the side panel of the unit. Please refer to the nameplate before selecting the cable, fuse and switch.

# Troubleshooting

Connect the cable to the indoor unit

**NOTE:** Before performing any electrical work, turn off the power to the system.

1. The inside and outside connecting cable can be connected without removing the front grille.
2. The indoor power cord type is H05VV-F or H05V2V2-F, the outdoor power cord and interconnected cord type is H07RN-F.
3. Lift the indoor unit panel up, remove the electrical box cover by loosening the screw.
4. Ensure the color of wires of outdoor unit and the terminal Nos. are the same to the indoor's respectively.
5. Wrap those cables not connected with terminals with insulation tapes, so that they will not touch any electrical components. Secure the cable onto the control board with the cord clamp.

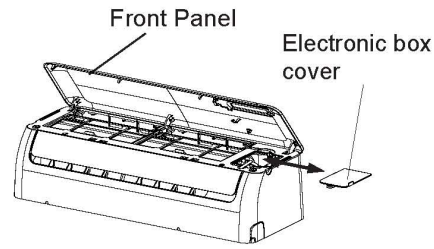
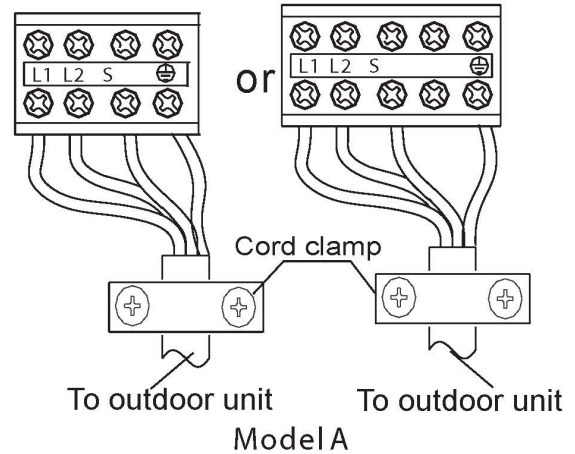


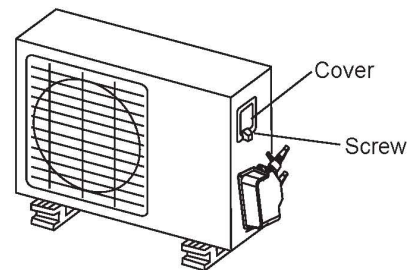
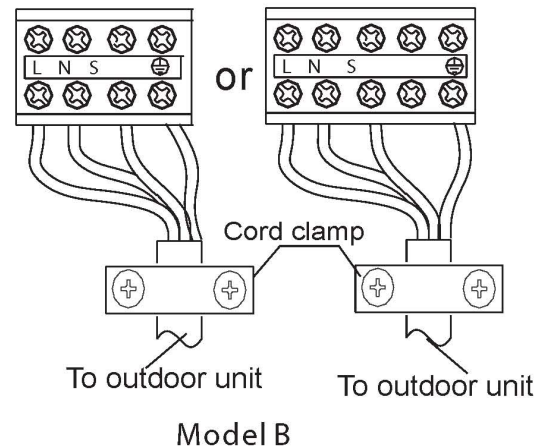
Fig.26

## Terminal block 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 connective cables to the terminals as identified with their respective matched numbers on the terminal block of indoor and outdoor units.
3. Secure the cable onto the control board with the cord clamp.
4. To prevent the ingress of water, form a loop of the connective cable as illustrated in the installation diagram of indoor and outdoor units.
5. Insulate unused cords (conductors) with PVC-tape. Process them so they do not touch any electrical or metal parts.





# DIY Series

The design and specifications are subject to change without prior notice.  
Consult with the sales agency or manufacturer for details.

**CS260I-BP11D(QF)**  
**202000192602**  
**20130319P**