

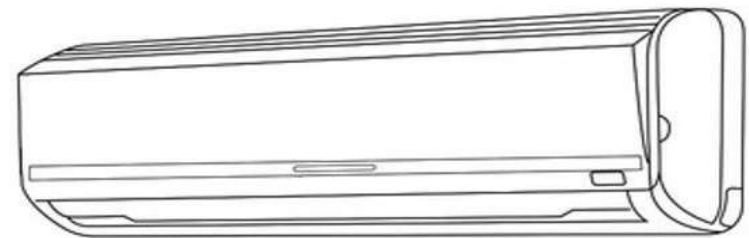
A **TATA** Product

cromā

USER MANUAL

CROMA SPLIT AIR CONDITIONER

Model Number	CRLA012IND283251
	CRLA018IND283252
	CRLA024IND283253
	CRLA012INF283254
	CRLA018INF283255



Croma Customer Care

**Infiniti Retail Limited, Unit No. 701 and 702, 7th Floor Kaledonia,
Sahar Road, Andheri (East), Mumbai – 400069, India.
Customer Care Number: 1800-572-7662
Email: customersupport@croma.com**

Thank you for selecting Croma Split Air Conditioner

WELCOME

Dear Customer,

Congratulations on your purchase and welcome to the Croma Family.

At Croma, we take pride in our reputation for high-quality products and industry-proven performance. Our products are designed around you so that you can connect with the product quickly.

We hope you have a truly rewarding experience with Croma. Your input and feedback will encourage us to design better and more user-friendly products and help us improve our current product range.

We look forward to your feedback on this product's page on croma.com.

Thank You
Team Croma

WARRANTY DETAILS

Product Name : Croma Split Air Conditioner
CRLA012IND283251, CRLA018IND283252,
Model Number : CRLA012INF283254, CRLA018INF283255 &
CRLA024IND283253


- This warranty is applicable on this product for a period of Twelve (12) months from the date of purchase.
- In the case of commercial usage of this product, the warranty period would be limited to 90 days only.
- This warranty will be terminated automatically after 12 months from the date of purchase, even if the product was not in use during the warranty period for any reason.

Infiniti Retail Limited ("IRL") guarantees the product purchased to be free from defects resulting from the use of faulty parts or poor workmanship during its manufacture, subject to the terms of the limited warranty ("Warranty").

These warranty instructions are detailed on our website and can be accessed through the link -
<https://www.croma.com/lp-warrantyon-croma-exclusive>

If you experience any difficulty in operating this product or require any service assistance, please contact:

Croma Customer Care, Infiniti Retail Limited, Unit No. 701 and 702,
7th Floor, Kaledonia, Sahar Road, Andheri (East), Mumbai – 400069, India.
Customer Care Number: 1800-572-7662
E-Mail: customersupport@croma.com

Trouble	Analysis
Spray mist from the outlet 	<ul style="list-style-type: none"> Mist appears when the room air becomes very cold because of cool air discharge from indoor unit during COOLING & DRY operation mode.
Cracking sound is heard	<ul style="list-style-type: none"> The sound may be generated by the expansion or contraction of the front panel due to change of temperature.
The compressor indicator light is ON constantly and IDU fan stops	<ul style="list-style-type: none"> The unit is shifting from heating mode to defrost. The indicator light will off with in 10 minutes and returns to heating mode.

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REGULATIONS

E-Waste Management Policy



This symbol on the product and/or accompanying documents means that the used electrical and electronic products should not be mixed with general household waste. For proper treatment, recoveries, recycling, etc., this product needs to be taken to the designated collection points, where it will be accepted on a free-of-charge basis.

Alternatively, the user may be able to return the product to the Croma Store on the purchase of a new product. Disposing of this product correctly will help save valuable resources and prevent any potential negative effect on human health and the environment, which could otherwise arise from inappropriate waste handling.

Please contact Croma Customer Care at 1800-572-7662 for further details on your nearest designated collection point. As per the Indian Legislation, penalties may be applicable for incorrect disposal of waste.

Product Packaging

Product packaging has the purpose of protecting an appliance from damage that might occur during transportation. The materials used for packaging are recyclable and are selected because of respect for the environment and ease of disposal, aiming for material reintegration into the product production cycles. This mechanism allows the reduction of the volume of waste and makes a more rational usage of non-renewable resources possible.

Important Instructions

- Read this manual and the warranty card carefully before operating your product. Retain this manual for future reference.
- Follow all instructions and explanations while handling and installing your product. Keep the manual handy for later use.
- All the information in this manual is based on the latest product information available at the time of printing of this manual. However, due to improvements or other changes, there may be discrepancies between the information in this manual and the actual product.
- While due precautions are taken in printing this manual, Infiniti Retail Limited assumes no responsibility for any errors or omissions.

Troubleshooting

Trouble	Analysis
<p>Does not run</p>	<ul style="list-style-type: none"> • Check if the MCB is trip / Fuse blown up • Please wait for 3 minutes and start again, protector device may be preventing unit to work. • If batteries in the remote controller is exhausted. • If the plug is not properly plugged.
<p>No cooling/heating air</p>	<ul style="list-style-type: none"> • Is the air filter dirty. • Check if the air inlet & outlet is blocked or choked with the dirt/dust. • Is the temperature set properly.
<p>In-effective control</p>	<ul style="list-style-type: none"> • If the strong interference (from excessive static electricity discharge, power supply voltage abnormality) is present, operation will be abnormal. In such case, disconnect from the power supply and connect back 2-3 seconds later.
<p>Peculiar odour</p>	<ul style="list-style-type: none"> • This odour may come from another source such as furniture, cigarette, etc., which is sucked in the unit and blows out with the air.
<p>A sound of flowing water</p>	<ul style="list-style-type: none"> • Caused by the flow of refrigerant in the unit, not a trouble. • Defrosting sound in heating mode.


CLEANING AND MAINTENANCE

Cleaning Your Air Conditioner

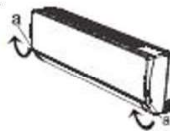
Front Panel Maintenance

1 Cut off the power supply

Turn off the unit first before disconnecting from power supply.




2 Grasp position "a" and pull outward to remove the front panel.




3 Wipe with a soft and dry cloth

Use a dry and soft cloth to clean it




Use soft moisture cloth to clean if the front panel is very dirty.

4 Never use volatile substance such as gasoline or polishing powder to clean the appliance.




5 Never sprinkle water onto the IDU unit



**Dangerous!
Electric Shock**

6 Reinstall and shut the front panel.


Reinstall and shut the front panel by pressing position "b" downwards.




Air Filter Maintenance

It is necessary to clean the air filter after using it for about 100 hours.

1 Stop the unit and remove the air filter



2 Clean and reinstall the air filter



3 Close the front panel again

Clean the air filter every 2 weeks if unit operates in an extreme dusty environment

PRODUCT DETAILS

Specification	CRLA012IND 283251	CRLA018IND 283252	CRLA024IND 283253	CRLA012INF 283254	CRLA018INF 283255
Capacity (Ton)	1.0	1.5	2.0	1.0	1.5
Star Rating	3	3	3	5	5
Cooling Capacity (W)	3520/1760	4850/2425	6350/3175	3580/1790	5150/2575
Cooling Current (Amps)	4.75/3.30	7.10/4.25	9.30/5.70	3.60/2.60	5.85/3.70
Power Input – Cooling (W)	1050/450	1550/570	2110/770	850/339	1260/475
Rated ISEER (W/W)	3.90	3.96	3.82	5.10	5.10
Power Supply (VAC/Hz/Ph)	230/50/1	230/50/1	230/50/1	230/50/1	230/50/1
IDU Noise Level (dB)	40	40	44	40	42
ODU Noise Level (dB)	52	54	58	52	58
Operation Type	LCD Remote	LCD Remote	LCD Remote	LCD Remote	LCD Remote
Compressor Type	Inverter	Inverter	Inverter	Inverter	Inverter
Refrigerant	R32	R32	R32	R32	R32
Refrigerant Qty (gm)	400	450	630	520	660
IDU Unit Dimension (W x D x H) (mm)	W: 820 D: 270 H: 220	W: 820 D: 270 H: 220	W: 920 D: 320 H: 240	W: 820 D: 270 H: 220	W: 920 D: 320 H: 240
IDU Net Weight (Kg)	12.5	12.5	15	12.5	15
ODU Unit Dimension (W x D x H) (mm)	W: 780 D: 240 H: 540	W: 780 D: 240 H: 540	W: 820 D: 310 H: 584	W: 780 D: 240 H: 540	W: 820 D: 310 H: 584
ODU Net Weight (Kg)	25.8	27.9	33.5	29.1	34.1

SAFETY INSTRUCTIONS

General Safety Instructions

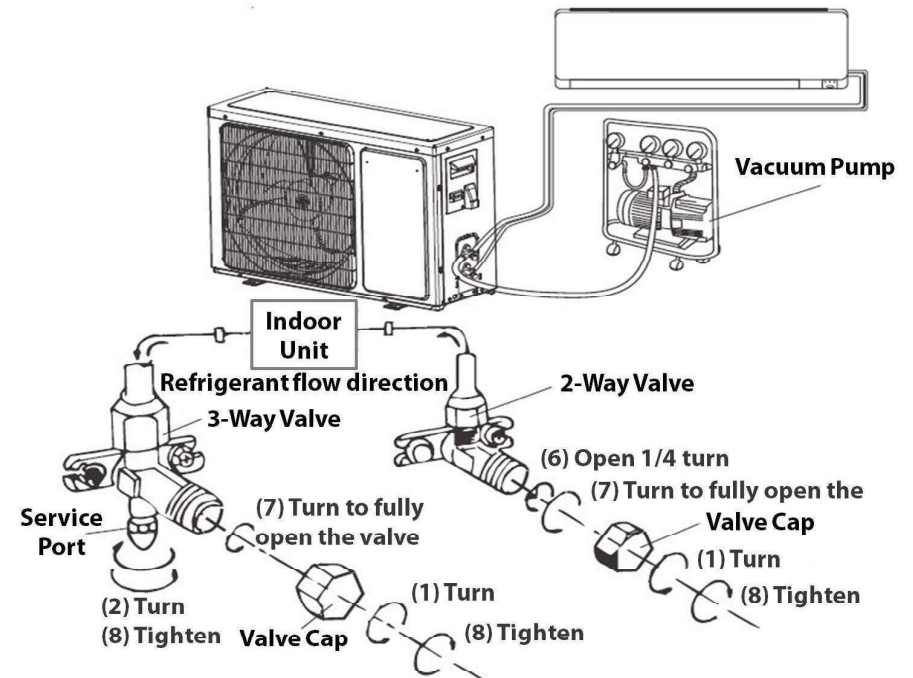
- Before using the appliance, check for any damage. If there is any damage, do not use the appliance and immediately contact Croma Customer Care at 1800-572-7662.
- Do not operate the appliance with a damaged power cord/plug or if it has been dropped and damaged in any manner. If the product requires attention within the warranty period, please contact Croma Customer Care at 1800-572-7662.
- To protect against fire, electric shock, or injury, do not place a cord, plug or appliance in water or any other liquid.
- Do not install the product in an area prone to combustible gas leaks, grease, or metal dust.
- This appliance is not intended to be used by people, including children, with reduced physical, sensory, or mental capabilities or a lack of experience and knowledge unless they have been given supervision or instructions concerning the use of the appliance by a person responsible for their safety.
- To protect against electric shock, always unplug from the outlet before cleaning. To disconnect, remove the plug from the outlet. Do not yank on the cord, as it may damage the cord and eventually cause an electric shock.
- To avoid an electrical overload, do not operate another high-wattage appliance on the same power socket.
- The use of accessories/attachments/utilities not approved by the manufacturer may result in improper functioning of the appliance/fire/electric shock/injury.

Product Usage Warning

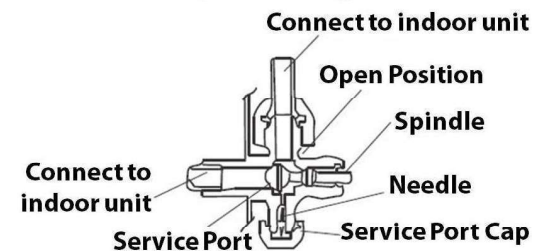
Electrical Warning

- Use only the specified power cord. If the Power Cord is damaged, it must be replaced by the manufacturer or an Authorised Service Agent to avoid a hazard.
- The unit should be connected to a separate circuit with the same circuit breaker/fuse rating as the power cord.
- Do not pull the power cord to unplug the Unit. Hold the plug firmly and pull it from the outlet. Pulling the cord directly can damage it, which can lead to fire or electric shock.

Air Purging connection diagram



3-Way Valve Diagram

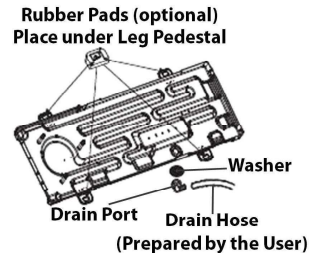


Installing the Outdoor Unit

1. Install the drain port and drain hose (for the heat pump model only).

The condensate drains from the outdoor unit when the unit is in operation. In order not to disturb your neighbourhood area and protect the environment, install a drain port and drain hose to direct the condensate water.

2. Install and fix the outdoor unit.
Fix it with bolts and nuts tightly on a flat and strong floor. If the supporter is mounted on a wall or roof, make sure it is securely fastened to prevent it from swaying in the event of severe vibrations or high winds.
3. Outdoor unit piping connection.
Remove the valve caps from the 2-way and 3-way valves. Connect the pipe to the 2-way and 3-way valves separately according to the required torque.
4. Outdoor Unit cable connection (see the previous page).



Air Purging

The air, which contains moisture from the refrigeration cycle, may cause a malfunction in the compressor. After connecting the indoor and outdoor units, evacuate air and moisture from the system using a vacuum pump. Follow the given steps for air purging:

1. Unscrew and remove the caps from the 2-way and 3-way valves.
2. Unscrew and remove the cap from the service valve.
3. Connect the vacuum pump's flexible hose to the service valve.
4. Start the vacuum pump for 10-15 minutes until the vacuum reaches 10mmHg absolute level.
5. With the vacuum pump still running, close the low-pressure knob on the vacuum pump manifold. Then stop the vacuum pump.
6. Open the 2-way valve 1/4th turn, then close it after 10 seconds. Check the tightness of all joints using liquid soap or an electronic leak detector.
7. Close 2-way and 3-way valves fully. Disconnect the vacuum pump flexible hose
8. Retighten all the valve caps on their respective valves.

- Do not modify the length of the power supply cord or use an extension cord to power the unit.
- Do not share the electrical outlet with other appliances. An improper or insufficient power supply can cause a fire or an electrical shock.
- The product must be properly earthed at the time of installation to prevent electrical shocks.
- For all electrical work, follow all local and national wiring standards and regulations and the user manual. Connect the cables tightly, and clamp them securely to prevent external forces from damaging the terminal. Improper electrical connections can overheat and cause fires or electric shocks. All electrical connections must be made according to the Electrical Connection Diagram located on the panels of the Control Box unit.
- All wiring must be properly arranged to ensure that the Control Board Cover can be closed properly. Failure to do that can lead to corrosion and cause the connection points on the terminal to heat up, catch fire or cause electrical shock.

Warning for Product Use

- In abnormal situations (like a burning smell), immediately turn Off the unit and disconnect the power.
- Do not insert fingers, rods or other objects into the Air Inlet or Outlet. This may cause injury, given the fan may be rotating at high speeds.
- Do not use flammable sprays such as hair spray, lacquer or paint near the unit. This may cause fires or burns.
- Do not operate the Air Conditioner near or around combustible gases. Emitted gases may collect around the unit and cause an explosion.
- Do not operate your Air Conditioner in wet areas such as bathrooms or laundry rooms. Too much exposure to water can cause short circuits.
- Do not expose your body directly to cool air for a prolonged period.
- Do not allow children to play with the Air Conditioner. Children must be supervised around the unit at all times.
- If the Air Conditioner is used along with burners or other heating devices, thoroughly ventilate the room to prevent oxygen deficiency.
- In certain functional environments, such as kitchens, server rooms, etc., the use of specially designed Air Conditioning Units is highly recommended.

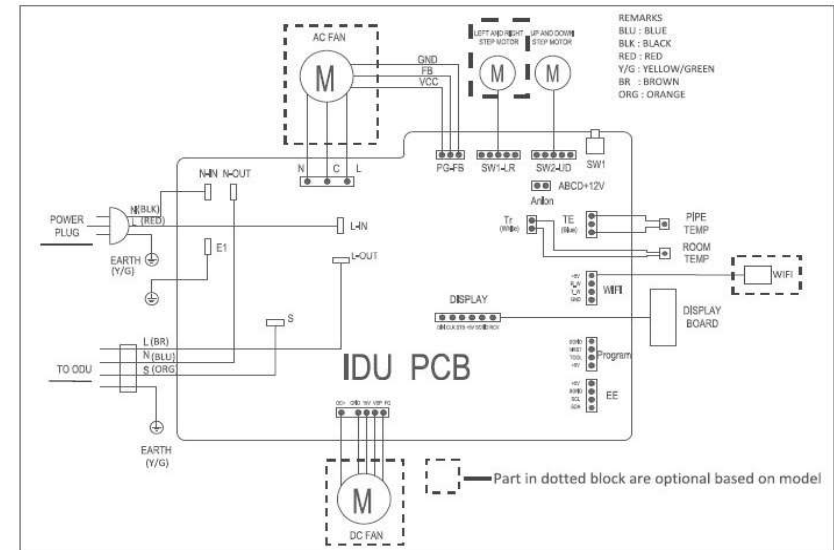
Product Installation Warning

- Installation must be performed by an Authorised Dealer or Specialist. Defective installation can cause water leakage, electrical shock, or fire.
- Install according to the instructions. Improper installation can cause water leakage, electrical shock or fire.
- Contact an Authorised Service Personnel for repair or maintenance of this unit. This appliance should be installed following the National Wiring Regulations.
- Use only the included accessories and parts for installation. Using non-standard parts can cause water leakage, electrical shock, and fire and can even cause the unit to fail.
- Install the unit in a secure location that can support the unit's weight to prevent it from dropping and causing severe injury or damage.
- Install drainage piping according to the instructions in this manual. Improper drainage may cause water damage to your home and property.
- For units that have an auxiliary Electric Heater, do not install the unit within 1 m (3 ft) of any combustible substances.
- Do not turn the power on until all the work has been completed.
- Do not install the unit in a location that may be exposed to combustible gas leaks. If combustible gases accumulate around the unit, it may cause a fire.
- When moving or relocating the Air Conditioner, consult Croma's Authorised Service Technician for disconnection and reinstallation of the unit.

Warning for using Refrigerant

- When charging refrigerant into the system, make sure to charge in a liquid state if the refrigerant of the appliance is R407C or R410A. Otherwise, the chemical composition of the refrigerant inside the system may change and thus affect the performance of the appliance.
- According to the characteristics of the refrigerant (R410A with a value of GWP of 1975), the pressure of the tube is very high, so be careful when you install and repair the appliance.
- When Mechanical Connectors are reused, the sealing parts should be renewed. When flared joints are reused, the flare part shall be refabricated.

Inverter PCB wiring Diagram



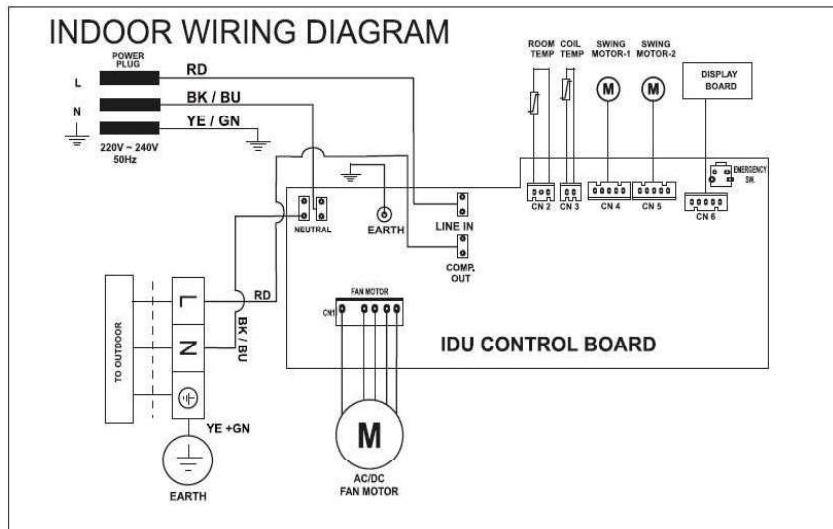
DISPLAY	FAULT DETAILS
EE	Indoor machine EE fault
E1	Indoor fan fault
E2	Indoor fan Zero crossing detection abnormal
E3	Indoor coil temperature sensor fault
E4	Indoor ambient temperature sensor fault
E0	Outdoor EE fault
F1	Compressor starting abnormal (phase failure, reverse)
F2	Compressor out-of-step fault
F3	IPM module fault
F4	Compressor Shell roof fault/protection
F5	Discharge temperature sensor fault
F6	Suction temperature sensor fault
F7	Outdoor coil temperature sensor fault
F8	Outdoor ambient temperature sensor fault
F9	Outdoor DC fan fault
E6	Indoor to Outdoor communication fault

Wiring Diagram:

Make sure that the colour of the wires between the outdoor unit and the terminal is the same as those of the indoor unit.

For the below models, the power supply is connected from IDU:
12K, 18K and 24K models

Fixed Speed PCB wiring Diagram



- E1** : When Room Sensor Short or Open, Display will show E1 & Preset temperature alternate after every 4 seconds.
- E2** : When Coil Sensor Short or Open, Display will show E2 & Preset temperature alternate after every 4 seconds.
- E5** : To indicate Fan Motor Error.
- SL** : When sleep is enable "SL" comes for 5 sec at every minute.
- CL** : Blink on display when self-clean feature is enable.
- dF** : To indicate Defrost error. Display will show dF & Preset temperature alternate after every 4 seconds.

Warning for Maintenance

- Turn Off the device and disconnect the power before cleaning. Failure to do so can cause electric shocks.
- Do not clean the Air Conditioner with excessive amounts of water.
- Do not clean the Air Conditioner with combustible cleaning agents; it can cause fires or deformation.



- Turn OFF the appliance and disconnect the power if you are not going to use it for a long time.
- Turn OFF and unplug the unit during storms.
- Make sure that the condensed water drains unhindered from the unit.
- Do not operate the appliance with wet hands.
- Do not use the device for any purpose other than the intended use.
- Do not climb or place objects on top of the outdoor unit.
- Do not operate appliances for a long time with doors and windows open, or while the humidity is too high.
- Appliances with R32 refrigerant may cause serious harm to the human body or surroundings if used roughly.

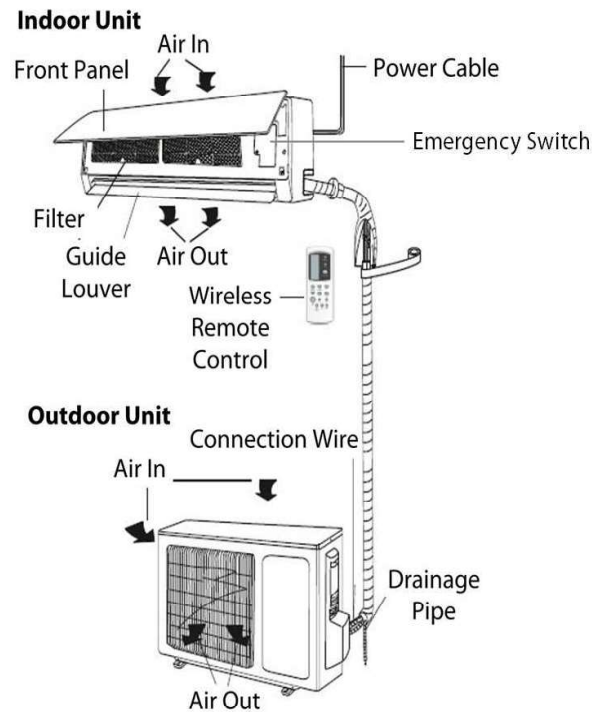
KNOW YOUR PRODUCT

Package Contents

This package contains the items listed below. In case any of the listed items are missing, immediately contact Croma Customer Care at 1800-572-7662.

S/N	Items	Qty
1	Indoor Unit	1
2	Outdoor Unit	1
3	Remote Control	1
4	Connecting Wire	1
5	Connecting Pipes	1
6	User Manual	1

Understanding Your Air Conditioner



Cable Specifications:

Capacity (Btu/h)	Power Cord		Power connecting cord			Main power supply(Note)
	Type	Normal cross-sectional area	Type	Normal cross-sectional area (Inverter)	Normal cross-sectional area (FS)	
12k	IS:694	1.0mm ² X3	IS:694	1.0mm ² X4	1.0mm ² X3	To indoor
18k	IS:694	1.5mm ² X3	IS:694	1.5mm ² X4	1.5mm ² X3	To indoor
24k	IS:694	2.5mm ² X3	IS:694	2.5mm ² X4	2.5mm ² X3	To indoor

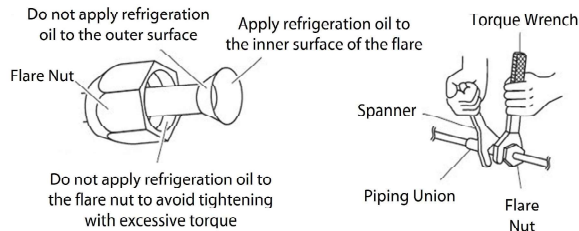


CAUTION

- Never fail to have an individual power circuit specifically for the air conditioner. As for the method of wiring, refer to the circuit diagram pasted on the inside of the access door.
- Confirm that the cable thickness is as specified in the power source specification.
- Check the wires and make sure that they are all tightly fastened after cable connection.
- Be sure to install an earth leakage Circuit breaker in wet or moist areas.
- ODU rubber pad to be used during installation to avoid vibration & noise.
- Do not use tapped wires, extension cords, or starburst connections, as they may cause overheating, electric shock or fire.
- Do not use locally purchased electrical parts inside the product. (Do not branch the power for the drain pump, etc. from the terminal block) Doing so may cause electric shock or fire.
- Do not connect the power wire to the indoor unit. Doing so may cause electric shock or fire.

Piping Connection:

- a. Connect indoor unit pipes with two wrenches. Pay special attention to the allowed torque as shown below to prevent the pipes, connectors and flare nuts being deformed and damage.

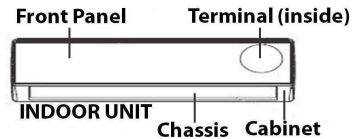


Model	Pipe Size	Torque	Nut Width	Min. Thickness
1.0 TR	Liquid Side (1/4")	15~20N.m	17 mm	0.6 mm
1.5 TR	Liquid Side (1/4")	15~20N.m	17 mm	0.6 mm
2.0 TR	Liquid Side (1/4")	15~20N.m	17 mm	0.6 mm
1.0 TR	Gas Side (1/2")	50~55N.m	24 mm	0.6 mm
1.5 TR	Gas Side (1/2")	50~55N.m	24 mm	0.6 mm
2.0 TR	Gas Side (5/8")	160~65N.m	27 mm	0.6 mm

4. Connecting the cable

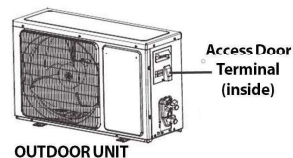
Indoor Unit:

Connect the power cable to the indoor unit by connecting the wires to the terminals on the control board individually as per the outdoor unit connection.



Outdoor Unit:

- Remove the access door from the unit by loosening the screw. Connect the wires to the terminals on the control board individually as follows:
- Secure the power connection cord onto the control board with the cable clamp.
- Reinstall the access door to the original position with the screw.
- Use a recognized circuit breaker between the power source and the unit. A disconnection device to adequately disconnect all the supply lines must be fitted.



Display Introduction



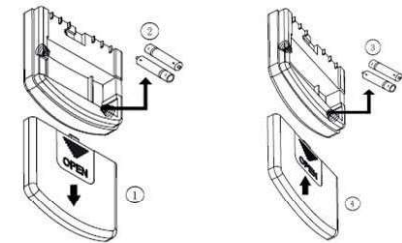
Display symbols:

- 88 Display Set Temperature
- ❄️ Cool Mode Indicator
- ⏻ ON/OFF Button
- 🕒 Timer Indicator
- 🌙 Sleep Mode Indicator
- 5L Sleep Mode Indicator for Fix speed
- 📶 Remote Sensor

Understanding the Remote Control

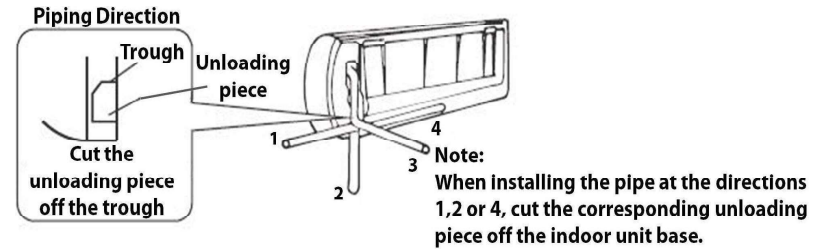
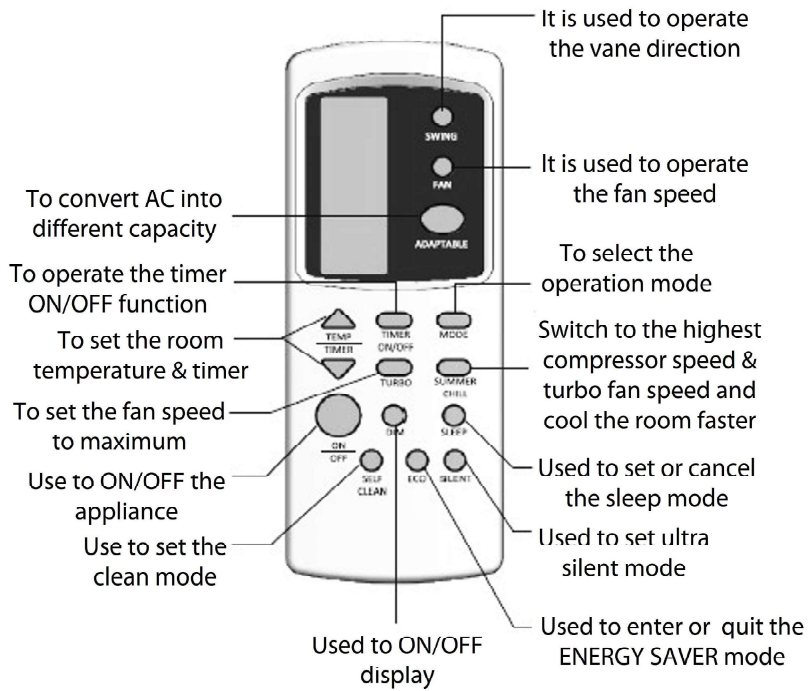
Starting your remote

- Lightly press the location marked, "Open" along the arrowhead direction to push the back cover of the wireless remote handset.
- Insert two new AAA batteries of 1.5V and pay attention to the polarity.
- Replace the back cover of the wireless remote handset.
- To replace the batteries, follow the same sequence as above & replace the old batteries with the new ones.



- When changing the batteries, do not use the old or different batteries, otherwise, it can cause a type of malfunction of the wireless remote control.
 - If the wireless remote control will not be used for a long time, please take them out, and don't let liquid leakage damage the wireless remote control.
- NOTE**
- Place the wireless remote control 1m away from the appliances.
 - If the wireless remote control is not functioning normally, take out the batteries, and after 30 seconds reinsert them. If they are still not running normally replace them.

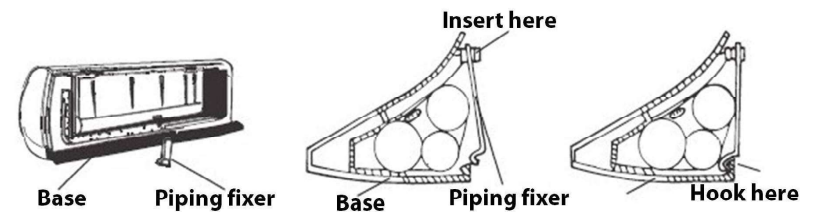
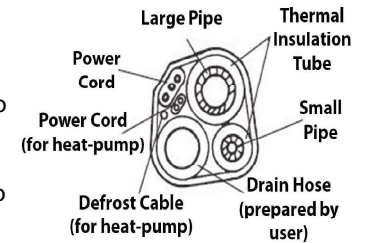
Remote Display



- Install the drain hose after connecting the piping as needed, and then connect the power wire and interconnection cord. Wrap the pipe cords and drain with thermal insulation material once the connection is complete.

Thermal insulation is to be done as follows:

- Place the drain hose under the piping.
- For easy drain flow, the drain pipe should point downward. Do not twist, stick out, or wave the drain pipe, and do not submerge the drain pipe's end in water.
- If an external drain hose is connected to the drain pipe, make sure that the thermal insulation is properly applied.
- When piping is oriented to the right, the piping, power cable, and drain pipe should all be thermally insulated and secured to the rear.

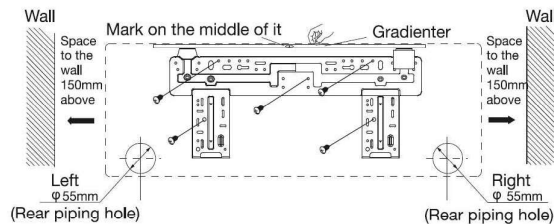


NOTE

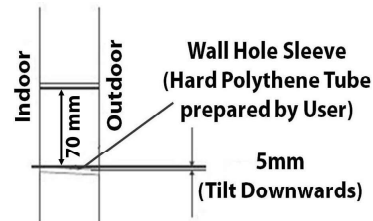
The picture is for reference only. Please refer to the real product as the standard. Attachments and accessories may vary depending upon the model you have purchased.

Installing the Indoor Unit

1. Installing the mounting plate
 - Choose an installing location for the mounting plate according to the indoor unit location and piping direction.
 - Keep the mounting plate horizontal with a horizontal ruler or falling line.
 - Drill the holes to the depth of 32mm on the wall to fix the plate.
 - Insert the plastic plugs into the holes and fix the mounting plate with a tapping screw.
 - Inspect if the mounting plate is well fixed. Then drill a hole for piping.



2. Drilling a hole for piping
 - Decide the position of the hole for piping according to the location of the mounting plate.
 - Drill a hole in the wall. The hole should tilt a little down toward the outside.
 - Install a sleeve through the wall hole to keep the wall tidy and clean.



3. Indoor Unit piping installation
 - Put the piping (liquid and gas pipe) and cables through the wall hole from outside or put them through from inside after the indoor piping and cable connection are completed, to connect to the outdoor unit.
 - Decide from which side of the indoor unit the piping is to be routed. Remove the opening cover by cutting it from the indoor unit chassis.

Modes of Operation

Standby ON/OFF

This button is nominated by "ON/OFF" on the remote control unit. It controls "ON/OFF Switching" the air conditioner. Only the temperature of 24°C is displayed on the remote LCD after inserting AAA batteries.

If the user has set the temperature below 24°C in cool mode before switching off the AC and then if AC is turned on by the remote, AC will start operating at 24°C.

If the user has set the temperature to 24°C and above in cool mode before switching off the AC and then if AC is turned on by the remote, AC will start operating at the previous set temperature by the user.

Mode

This button is nominated by "MODE" on the remote control unit. It changes the operation (operation switching) in the cyclic way of the air conditioner (indoor unit) after each pressing of this key.

Summer Chill Mode: This feature is applicable only in cool mode. This feature is used for instant cooling. In this feature, IDU fans run At turbo speed. The summer chill feature is applicable only for 20 min. After 20 min. the summer chill feature will be cancelled Automatically. In this mode, the temperature can't be changed



Cool Mode: In this mode, the compressor cools the air by taking hot air out and blowing cold air inside the room. This is the most energy-intensive mode in AC. Temperature can be varied from 16°C to 30°C by pressing the UP/DOWN keys. Fan speed can be varied by pressing the fan speed key in the sequence of Low>Med>High>Auto in a cyclic way. Adaptable can be enabled/disable by pressing the Adaptable button. When the Adaptable button is pressed the icon shown is c1, c2, c3 & c4 (only if the feature is available). The ECO function can be enabled/disable by Eco Key.

Dry Mode: The set Temperature will be 24°C by default and it can't be varied by pressing the temperature up/down keys. Fan speed is fixed to low speed and can't be varied. Turbo mode can't be set. Silent mode can't be set. Dim can be enabled/disable by pressing the Dim key. Timer off can be enabled/disable by pressing the Timer key. Swing can be enabled/disable by pressing the swing key. Self-clean & Eco functions can't be enabled/disable.

Fan Mode: The set temperature will be 24°C by default and it can't be varied by pressing the temperature up/down keys. Fan speed can be varied by pressing the fan speed key in the sequence of Low>Med>High cyclic way and Auto fan speed can't be set. Sleep mode can't be set by pressing the sleep key. Silent mode can't be set. Eco mode can't be set. Dim can be enabled/disabled by pressing the Dim key. Timer off can be enabled/disabled by pressing the Timer key. Swing can be enabled/disabled by pressing the swing key. Turbo mode can't be set.

Auto Mode: Auto mode serves to achieve a specified temperature set point and maintain it. The AC automatically adjusts the compressor and fan speed concerning the current room temperature. The set temperature will be 25°C by default and it can't be varied by pressing the temperature up/down keys. Fan speed can be varied by pressing the fan speed key in the sequence of Auto>Low>Med>High in a cyclic way. Swing can be enabled/disabled by pressing the swing key. Turbo mode can't be set. The timer can be enabled/disable by pressing the Timer key.

Sleep Mode: Sleep will activate when we press the "Sleep" key in cool mode from Handset. The sleep feature will be active for 8 hours. After completing 8 hours, the sleep feature will be deactivated, and the reset temperature will return to the previous settings. Increment value will not go to memory. The total 2-degree pre-set temperature will increment in 2 hours. After 2 hours unit will run for the next 6 hours at the same temperature.

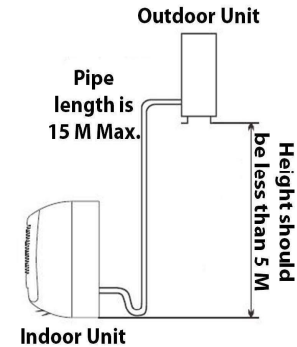
Dim Function: Dim can be enabled/disabled by pressing the Dim key. When the Dim key is pressed once, the display will turn off. Pressing the Dim key again, it will light up again.

Turbo Mode: The Turbo feature activates by pressing the turbo key to cool mode only. Fan speed will be turbo. The swing will be set at the default position. During the turbo set temperature can be changed by the user.

Silent Operation: When the silent key is pressed by the user the IDU fan will run at minimum speed. Silent mode is activated in cool mode only.

Eco Function: ECO mode works by efficiently using a compressor and fan so that minimal energy is consumed to achieve the temperature. When ECO has enabled the fan speed is not changeable. When we set the temperature (between 16°C to 30°C) by pressing the ECO key the default temperature would be 24°C. Set ECO function can be cancelled by ECO button, ON/OFF, Summer Chill Key, and Mode Key. Eco mode activates only in cool mode.

Location for installing an Outdoor unit



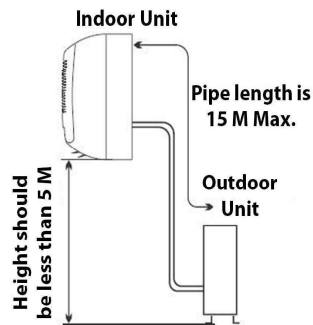
- Where it is convenient to install and well-ventilated.
- Do not install ODUs face to face and avoid the installation in the South and West directions.
- Avoid installing it where flammable gas could leak.
- Keep the required distance apart from the wall.
- Installation connection pipe length provided with this model is to be considered as a standard length to connect IDU & ODU units.
- Keep the outdoor unit away from a place where there is greasy dirt or vulcanised gas exit.
- Avoid installing it at the roadside where there is a risk of muddy water.
- A fixed base is not subjected to increasing operation noise.
- Where there is no blockage to the air outlet. Do not install it in the shaft. The installation area should have sufficient strength and durability.
- To get optimized efficiency install it under the shed.

Limit of Tubing Length (m)	Limit of Elevation Difference H (m)	*Required amount of additional refrigerant (g/m)
15	5	20

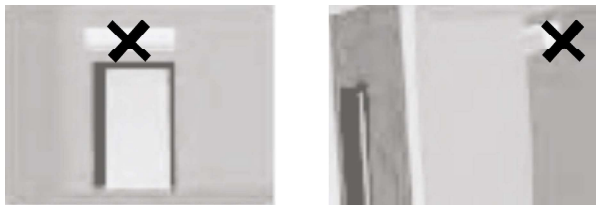
**Be sure to add the proper amount of additional refrigerant. Failure due to less amount of refrigerant may result in poor performance.*

Select Installation Location

Locating and Installing an Indoor Unit



- Where there is no obstacle near an air inlet or outlet, air can easily blow into every corner.
- Where piping and wall holes can be easily arranged.
- Maintain the distance from the ceiling and walls according to the installation diagram shown.
- Where the air filter can be easily removed.
- Keep the unit and remote control a minimum of 1 m away from the TV, radio, etc.
- To prevent the effect of the fluorescent lamp, keep it as far away as possible.
- Do not put anything near the air inlet to obstruct it from air absorption.
- Where the wall should be durable & strong enough to bear the weight and not tend to increase operation noise and vibration.
- Do not install above the entrance i.e. door or in front of the door.
- IDU should not be installed far away from the desired cooling area.
- Do not place any electronic equipment below the IDU unit (Ex. Laptop, Computer, etc.)



Adaptable Function *(Applicable in Inverter models only)*

By pressing the Adaptable button, AC comes to the desirable tonnage requirement thus saving energy. It only works in Cool mode.

FOR 1T INV MODELS		FOR 1.5T INV MODELS		FOR 2.0T INV MODELS	
ADAPTABLE	TONNAGE	ADAPTABLE	TONNAGE	ADAPTABLE	TONNAGE
C1	0.9 T	C1	1.2 T	C1	1.8 T
C2	0.8 T	C2	1 T	C2	1.4 T
C3	0.6 T	C3	0.8 T	C3	1.2 T
C4	1.1 T	C4	1.6 T	C4	2.1 T

Self-Clean

- Self-clean mode prevents the growth of airborne bacteria by removing moisture inside the unit.
- It cleans and dries the evaporator keeping the AC fresh for the next operation.
- Press the Self clean button for some seconds to enter this mode.
- This IDU display shows CL, louvre swing to the minimum Position.
- At the same time, ODU will run for 10 minutes.
- After 10 minutes Outdoor unit will switch off and the indoor unit fan will start for 5 minutes.
- After 5 minutes the self-clean feature will be cancelled and the system will run at the previous settings.

Operation without the Remote Control

If you have lost the remote-control unit or if it's malfunctioning, follow the steps below:

1. How to turn on the air conditioner:
Open the front panel (if necessary), and press the ON/OFF button with a ballpoint. Then the air conditioner will automatically select the operation mode according to the room temperature.
2. How to turn off the air conditioner:
Open the front panel (if necessary), and press the ON/OFF button with a ballpoint.



Do not press the ON/OFF button too long, as it may cause the air conditioner to operate abnormally.

CAUTION

Functions available in different modes

Function Mode	Cool	Dry	Fan	Auto
Sleep	√	X	X	X
DIM	√	√	√	√
Self-clean	√	X	X	X
Turbo	√	X	X	X
Fan Speed	√	X	√	√
Silent	√	X	X	X
Adaptable	√	X	X	X
Timer	√	√	√	√
Swing	√	√	√	√

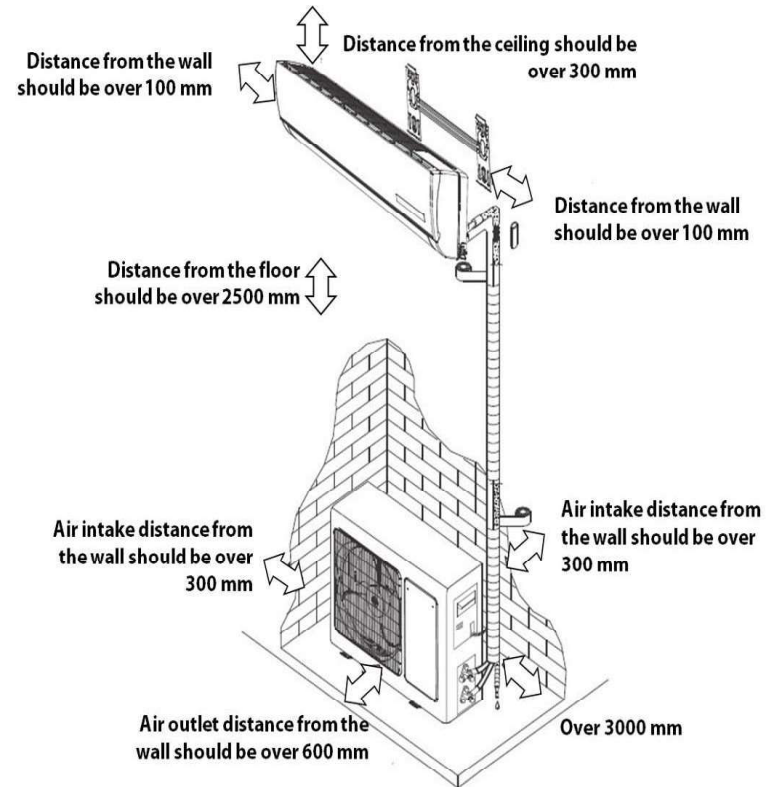
BEE Test Setting by Remote *(Applicable to specific models only)*

Full Load: Set cool mode at high fan speed at 16 degrees and then continuously press the DIM key eight times.

Half Load: Set cool mode at high fan speed at 17 degrees and then continuously press the DIM key eight times.

INSTALLING YOUR AIR CONDITIONER

Installation Diagram



NOTE

The picture is for reference only. Please refer to the real product as the standard. Attachments and accessories may vary depending upon the model you have purchased.

Installation must be performed in accordance with the national wiring standards by authorised personnel only.