

OPERATING INSTRUCTIONS

NOTE: This manual does not include Remote Controller Operations, see the <<Remote Controller Instruction>> packed with the unit for details.

Operating temperature

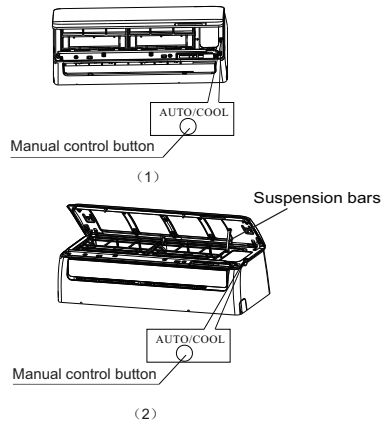
Mode Temperature	Cooling operation	Heating operation	Drying operation
Room temperature	17°C~32°C (62°F~90°F)	0°C~30°C (32°F~86°F)	10°C~32°C/50°F~90°F
Outdoor temperature	18°C~43°C (64°F~109°F)	-7°C~24°C (20°F~76°F)	11°C~43°C/52°F~109°F
	-7°C~43°C/20°F~109°F: (For the models with low temperature cooling system)		18°C~52°C/64°F~126°F (For special tropical models)
	18°C~52°C/64°F~126°F: (For special tropical models)		

NOTE:

- Optimum performance will be achieved within these operating temperatures. If air conditioner is used outside of the above conditions, certain safety protection features might 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.

Manual operation

Manual operation can be used temporarily in case the remote controller is disable or the unit requires maintenance.



- Open and lift the front panel up to an angle until it remains fixed with a clicking sound. For some models, please use suspension bars to prop up the panel.
 - Once you push the manual button, the operation mode is shifted in an order as: AUTO, COOL, OFF. (The default setting temperature is 24°C/76°F).
 - Close the panel firmly to its original position.
- CAUTION:**
- This is used for testing purposes only.
 - To restore the remote controller operation, use the remote controller directly.



3rd Free Service Coupon (Dry)
within 3rd qtr from the date of purchase

Model No.: _____

Sr.No.: _____

Name: _____

Address: _____

Land Mark if any: _____

Telephone No.: _____

Date of Purchase: _____

Arrival Time: _____ Completion of work: _____

Date: _____

Time.: _____

Technician
Signature

Customer
Signature



2nd Free Service Coupon (Wet)
within 2nd qtr from the date of purchase

Model No.: _____

Sr.No.: _____

Name: _____

Address: _____

Land Mark if any: _____

Telephone No.: _____

Date of Purchase: _____

Arrival Time: _____ Completion of work: _____

Date: _____

Time.: _____

Technician
Signature

Customer
Signature



1st Free Service Coupon (Dry)
within 1st qtr from the date of purchase

Model No.: _____

Sr.No.: _____

Name: _____

Address: _____

Land Mark if any: _____

Telephone No.: _____

Date of Purchase: _____

Arrival Time: _____ Completion of work: _____

Date: _____

Time.: _____

Technician
Signature

Customer
Signature

Please tick ✓ for the Checks carried out and × for the job not carried out

	Service 1	Service 2	Service 3
Air filter cleaned	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grill Temp. Checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Room Temp. Checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amperes Checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Service 1	Service 2	Service 3
Voltage I/P & O/P Checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drain System checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brushing of Cooling coil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
General Cleaning & Brushing up	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Service 1	Service 2	Service 3
Fan Motor a) speed Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Noise Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Alignment Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grill / Louver / Knobs Checked	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The Service coupons are utilised in first year, if not utilised then coupons will be expired. Customer to call at Call center to avail 3 preventive services.

VIDEOCON CARE CENTER

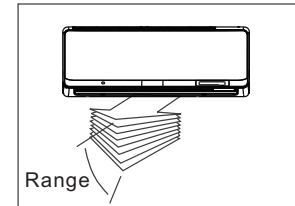
■ BUSINESS REPLY CARD

AFFIX
PROPER
POSTAGE
HERE.

NOTE : TO BE HANDED OVER TO THE AUTHORISED SERVICE AGENT AT THE TIME OF COMMISSIONING.

OPERATING INSTRUCTIONS

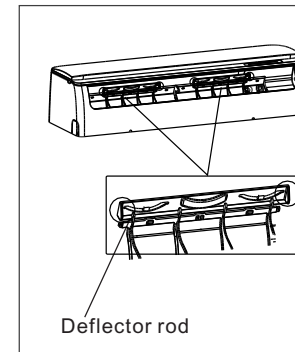
Airflow direction control



Adjust the air flow direction properly otherwise it might cause discomfort or cause uneven room temperatures.

Adjust the horizontal/vertical louver using the remote controller. For some models, the vertical louver can only be adjusted manually.

- To set the horizontal/vertical air flow direction Perform this function while the unit is in operation.
- Use the remote controller to adjust the air flow direction. The vertical/horizontal louver changes 6 degree in angle for each press, or swing up and down automatically. Please refer to the 'REMOTE CONTROLLER OPERATION MANUAL' for details.
- For some models, the vertical louver can only be adjusted manually. Move the deflector rod manually to adjust the air flow in the direction you prefer.



IMPORTANT: Do not put your fingers into the panel of blower and suction side. The high-speed fan inside may cause danger.

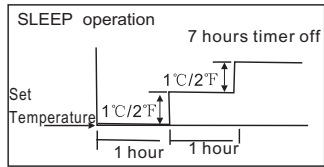
⚠ CAUTION

- Do not operate the air conditioner for long periods with the air flow direction set downward in cooling or dehumidifying mode. Otherwise, condensation may occur on the surface of the horizontal louver causing
 - moisture to drop on to the floor or on furnishings.
- 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 move the horizontal louver manually, otherwise
- the horizontal louver will be out of sync. Please cease operating, unplug power for a few seconds, then restart the air conditioner.

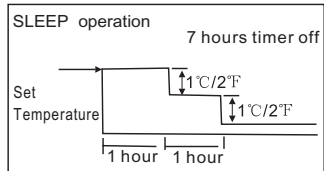
Do not operate unit with horizontal louver in closed position.

OPERATING INSTRUCTIONS

How the air conditioner works



Cooling



Heating

AUTO operation

- 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 set temperature and the room temperature.
- The air conditioner will control room temperature automatically to the temperature point you set.
- If you feel uncomfortable in the AUTO mode, you can set your desired temperature.

SLEEP operation

When you push SLEEP button on remote controller during cooling, heating (cooling & heating models only), or AUTO operation, the air conditioner will automatically increase (cooling) or decrease (heating) 1°C/2°F per hour for the first 2 hours, then hold steadily for the next 5 hours, after that it will switch off.

- This mode saves you energy and brings you comfort at night.

DRYING operation

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

- Optimal operation
- To achieve optimal performance, please note the following:
 - Adjust the air flow direction correctly so that it is not forwards people.
 - Adjust the temperature to achieve the highest comfort level. Do not adjust the unit to excessive temperature levels.
 - Close doors and windows on COOL or HEAT modes, or performance may be reduced.
- Use TIMER ON button on the remote controller to select a time you want to start your air conditioner. 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.
- Clean the air filter periodically, otherwise cooling or heating performance may be reduced.
- Do not operate unit with horizontal louvre in closed position.

VIDEOCON AIR CONDITIONER

CUSTOMER COPY

WARRANTY

Model No. _____ Serial No. _____
 Name of Customer _____
 Address _____
 _____ (PIN) _____
 Landmark _____
 Phone No (R). _____ (O). _____
 Date of Purchase _____
 Customer's Signature _____ Dealer's Signature & Stamp _____
 Date of Purchase: _____ Purchased from: _____

VIDEOCON AIR CONDITIONER

SERVICE CENTER / SSD COPY

WARRANTY

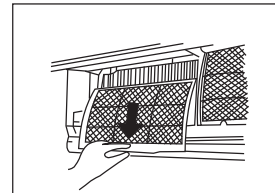
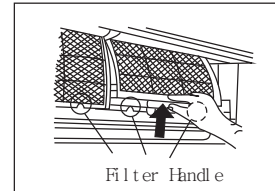
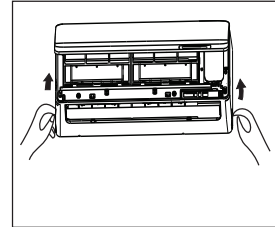
Model No. _____ Serial No. _____
 Name of Customer _____
 Address _____
 _____ (PIN) _____
 Landmark _____
 Phone No. Residence _____ Office _____
 Date of Purchase _____
 Customer's Signature _____ Dealer's Signature & Stamp _____
 Date of Purchase: _____ Purchased from: _____

VIDEOCON AIR CONDITIONER

COMPANY COPY

WARRANTY

Model No. _____ Serial No. _____
 Name of Customer _____
 Address _____
 _____ (PIN) _____
 Landmark _____
 Phone No. Residence _____ Office _____
 Date of Purchase _____
 Customer's Signature _____ Dealer's Signature & Stamp _____
 Date of Purchase: _____ Purchased from: _____

Care and Maintenance

Cleaning the Grille, Case and Remote Controller

Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.
NOTE: Power supply must be disconnected before cleaning the indoor unit.

 CAUTIONS

- A cloth dampened with cold water may be used on the indoor unit if it is very dirty. Then wipe it with a dry cloth.
- Do not use a chemically treated cloth or duster to clean the unit.
- Do not use benzine, thinner, polishing powder, or similar solvents for cleaning. These may cause the plastic surface to crack or deform.
- Never use water hotter than 40 C/104 F to clean the front panel, it could cause deformation of discoloration.

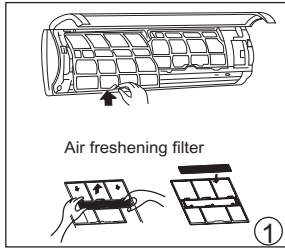
Cleaning the air filter

NOTE: Power supply must be disconnected before cleaning the indoor unit.

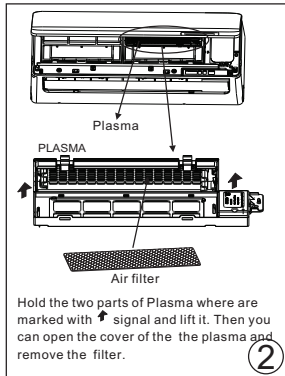
A clogged air filter reduces the cooling efficiency of this unit. Please clean the filter once every 2 weeks.

1. Lift the indoor unit panel up to an angle until it stops with a clicking sound. For some models, please use suspension bars to prop up the panel.
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 from the indoor unit. Clean the AIR FILTER once two weeks. Clean the AIR FILTER with a vacuum cleaner or water, then dry it up in cool place.

CARE AND MAINTENANCE



Air freshening filter

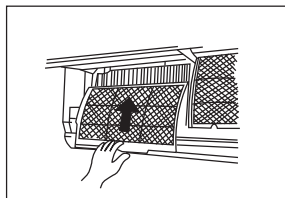
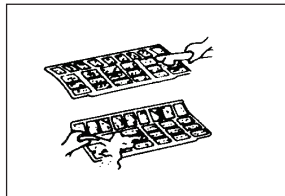


Plasma

PLASMA

Air filter

Hold the two parts of Plasma where are marked with ↑ signal and lift it. Then you can open the cover of the plasma and remove the filter. ②



- Remove the Air Freshening Filters from its supporting frame (The solution to disassemble may differ from each other for different filters. Refer to ① and ②). Clean the air freshening filter at least once a month, and replace it every 4-5 months.

Clean it with vacuum cleaner, then dry it in cool place.

- ⚠ For the models with plasma, do not touch the plasma within 10 minutes after you open the panel.

- Install the air freshening filter back into position.
- Insert the upper portion of air filter back into the unit, taking care that the left and right edges line up correctly and place filter into position.

Maintenance

If you plan to not use the unit for a long time, perform the following:

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

Checks before operation

- Check that the wiring is not broken off or disconnected.
- Clean the indoor unit and filters.
- Check that the air filter is installed.
- Check if the air outlet or inlet is blocked after the air conditioner has not been used for a long time.

⚠ Caution

- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- When cleaning the unit, first make sure that the power and circuit breaker are turned off.
- Do not wash with hot water at more than 40°C. Shake off moisture completely and dry it in the shade; do not expose it directly to the sun. The filter may shrink.

WARRANTY

Manufacturer of this Videocon Air Conditioner (Split AC) undertake that the product is warranted against manufacturing defects for a period of 1 year from the date of purchase on all parts except front grill & plastic parts and thereafter 4 year Additional warranty on the compressor, as per the terms and conditions mentioned here below. In the event of any complaint contact our nearest Videocon service center.

4 Year Additional Warranty on Compressor

The 4 year warranty on Compressor will be continue even after the expiry of 1 year period from the date of purchase. This warranty covers Compressor only. Gas charging is included only when compressor is defective & inoperative. During the additional warranty period, it does not cover any part such as condenser coil, evaporator coil, capillary, suction line, electronics parts etc. Standard visiting charges will be applicable within the municipal limit of town where Videocon Industries Ltd. (VIL) has it's Authorized Service center, Service outside municipal limit will attract to and fro traveling, other incidental expenses in addition to standard visiting charges, as prevailing from time to time. During the warranty period, the parts replaced or repaired shall be free of costs, but service charges shall always be payable by the customer.

Terms & Condition

- The warranty is confined to the first purchaser of the Air- Conditioner only & is non-transferable.
- Installation, Repairs & replacements will be carried out by the dealer (Sales & Service Dealer) from whom the product has been purchased, or through the Authorized Service Centers of VIL. In case the customer shifts the place of residence during warranty period, it is advised to contact Authorized Service Center directly or call our help line no's (toll free). Any Installation / alteration in the installation position or shifting of the Air- Conditioner from one premises to another should be carried out by VIL's Customer Care Center or its Authorised Service Franchised / Sales & Service Dealer only. Such change if address of the installation must be notified to VIL Customer Care Center.
- Repairs under warranty shall be carried out by an authorized service personnel only. The details of centralized help lines are attached.
- For units installed beyond municipal limits of the jurisdiction of company's Authorized Service Center, it is responsibility of the purchaser to contact the nearest authorized service center and bring the unit to the authorized service center at its own cost and risk. All expenses incurred in collecting the units or parts thereof from the company's authorized service center, as well as expenses incurred with deputizing of service personnel/technicians towards conveyance and other incidentals etc. will be borne by the customer. Local Charges for transportation and handling charges may vary from location to location. Customers are advised to verify before. In case the customer desires to bring the unit on its own to the Authorized Service Center, the same shall be at its own risks & consequences.
- The concerned authorized service center will advise the customer whether to effect the repairs at site or at the authorized service center.
- Call registered with the centralized helpline/Authorized service center, wherein only cleaning of the unit/parts in the unit due to dust accumulation on portions of the unit, general explanations / returning, are not to be considered as defects.
- In case of repairs or replacement of any part/s of the unit, this warranty will thereafter continue and remain in force only for the unexpired period of the warranty. Replacement of parts would be purely at the discretion of VIL alone. In case the replacement of the entire unit is being made, (subject to the sole discretion of VIL), the same model shall be replaced and in the event such model has been discontinued, it shall be replaced with the model of price equivalent at the time of purchase.
- In case of any damage to the product / customer abuse/ repairs by un-authorized personals / misuse detected/ by the Authorized Service Center personnel, the warranty conditions are not applicable and repairs will be done subject to availability of parts and on a chargeable basis only.
- This warranty shall not cover any consequential or resulting liability, damage or loss to property or life arising directly or indirectly out of any defect in the Air- Conditioner. The company's obligation under this warranty shall be limited to repair or providing replacement of defective parts only under the warranty period.
- The company or its Authorized Service Center reserves the right to retain any part/s or component replaced at its discretion, in the event of a defect being noticed in the equipment during warranty period.
- While the company will make every effort to carry out repairs at the earliest, it however is made expressly clear that the company is under no obligation to do so in a specified period of time.
- Warranty does not cover accessories external to the equipment supplied by the dealer.
- If any coloured internal or external components are replaced, there will be commitment to ensure that the shades match with the original or other components. The replaced shades, patterns, tints may vary from the customer's unit due to continuous usage of the unit. Any matching components changed at customer's request will be on chargeable basis except the component which actually needed.
- The unit shall be operated with variation of + 5% of rated voltage at 50Hz. Any failure due to voltage / fluctuation beyond specified tolerance will not be covered under warranty.

This Warranty is not applicable in any of the following cases :

- The warranty card is not completed properly at the time of purchase.
- The completed warranty card is not presented to authorized service personnel at the time of service of the product.
- The product is not operated according to instructions given in the Operating Instruction Booklet.
- Defects are caused by improper or reckless use, which shall be determined by the company personnel.
- Any repair work is carried out by persons other than authorized service personnel.
- Defects are caused by due to causes beyond control like lightning, abnormal voltage, acts of God or while in transit to service center or purchaser's residence.
- The warranty is not valid in case, the serial number is deleted, defected or altered. Damage to the product or any part/s due to transportation or shifting is not covered by warranty.
- a) This warranty will automatically terminate on the expiry of the warranty period of 12 months, even if the Air- Conditioner may not be in use for any time during the warranty period for any reason
b) The warranty on compressor will automatically terminate on expiry of 4 years (after 1 year warranty period) even if the Air- Conditioner may not be in use for any time during the said period for any reason
- All disputes are subjected to Aurangabad Jurisdiction.
- All the disputes and / or differences arising between the parties will be referred to sole Arbitrator, to be appointed by VIL . The Arbitrator shall be conducted subject to Arbitration & conciliation act 1966. The place of Arbitration shall be Aurangabad (MS)

The following events may occur during normal operation.

1. Protection of the air conditioner.

- Compressor protection
The compressor can't restart for 3-4 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.
 - A) When heating has just started.
 - B) Defrosting.
 - C) Low temperature heating.
- The indoor or outdoor fan stop running when defrosting (Cooling and heating models only).
- 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 built up on the outdoor unit.

2. 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.

3. Low noise of the air conditioner

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

4. 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.

5. 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.

6. 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.

7. The air conditioner runs Anti-mildew function after turning off the unit.

When turning off the unit under COOL(AUTO COOL, FORCED COOL) and DRY mode, the air conditioner will run Anti-mildew function for 7-10 minutes, then stop the operation and turn off the unit automatically.

OPERATION TIPS

8. Dripping water may generate on the surface of the indoor unit when cooling in a high relatively humidity (relative humidity higher than 80%). Adjust the horizontal louver to the maximum air outlet position and select HIGH fan speed.
9. 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.
10. 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.
11. 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.

TROUBLESHOOTING TIPS

Troubleshooting Tips

If one of the following faults occurs, stop the air conditioner immediately, disconnect the power and then connect it in again. If the problem still exists, disconnect the power and contact the nearest customer service center.

Trouble	OPERATION indicator or other indicators continue flashing.
	Fuse blows frequently or circuit breaker trips frequently.
	Other objects or water fall into the air conditioner.
	The remote controller won't work or works abnormally.
	If one of the following code appears on the display area : E0,E1,E2,E3.....or P0,P1,P2,P3.....

Malfunctions	Cause	What should be done?
Unit does not start	Power cut	Wait for power to be restored.
	Unit may have become Unplugged.	Check that plug is securely in wall receptacle.
	Fuse may have blown.	Replace the fuse.
	Battery in Remote controller may have been exhausted.	Replace the battery.
	The time you have set with timer is incorrect.	Wait or cancel timer setting.
Unit not cooling or heating (Cooling/ heating models only) room very well while air flowing out from the air conditioner	Inappropriate temperature setting.	Set temperature correctly. For detailed method please refer to "Using remote control" section.
	Air filter is blocked.	Clean the air filter.
	Doors or Windows are open.	Close the doors or windows.
	Air inlet or outlet of indoor or outdoor unit has been blocked.	Clear obstructions away first, then restart the unit.
	Compressor 3 or 4 minutes protection has been activated.	Wait.
If the trouble has not been corrected, please contact a local dealer or the nearest customer service center. Be sure to inform them of the detailed malfunctions and unit model number.		

Notes: Do not attempt to repair the unit yourself.

Always consult an authorized service provider.