

Please read the user's manual carefully before using the product

GL28Eng



USER'S MANUAL

Split Floor-Standing Air Conditioner

MODEL | 121V-FSIA-2410/121V-FSA-2410

Preface

Air conditioners are pieces of high value. In order to ensure your lawful rights and interests, please have the professional technicians do the installation for you.

This Instruction Manual is the universal-purpose version for the models of split floor-standing air conditioners manufactured by our Co. The appearance of the units that you purchase might be slightly different from the ones described in the Manual, but it does not affect your proper operations and usage.

Please read carefully the sections corresponding to the specific model you choose, and keep the Manual properly so as to facilitate your reference at later time.

Addition to the user manual:

The appliance is not intended for use by young children or infirm persons without supervision; Young children should be supervised to ensure that they do not play with the appliance.

Contents

Instructions to users	1
The name of each part and its function	2
Use of operation panel	4
Use of remote controller	4
Maintenance	8
Phenomena diagnosis and treatment	9

【Instructions to users】

Please read the Manual carefully before using the air conditioner so as to ensure the normal operations of the units.

Do not open the air-return grids or bottom panel of the indoor unit during operations.



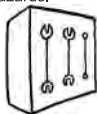
Do not put the sticks or other similar objects into the air inlet and outlet.



Do not place insecticides, paints or other inflammables near the inlet or outlet; do not spray such articles directly against the units.



Operate the machine only under the nominated voltage and frequency and with corresponding protective devices. Never use copper wires to substitute the fuses, which might lead to operational faults or fire hazards.



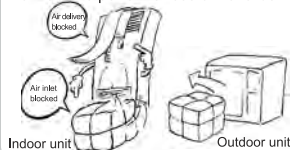
The grounding terminal of the units must be well connected to the grounding of the power source.



When cleaning the air-conditioner, please do not spray water on the machine. When the microcomputer parts and circuits in the air-conditioner are covered with water, it is possible to cause failure or electric shock disaster.



Do not block the air inlet and outlet of the indoor or outdoor units so as to avoid possible negative impacts upon the machine performances or hazards.



Re-start the operation after power failure. When the power supply is resumed, the air conditioner will automatically enter the standby mode. Press the On/Off button to restart the operation.



If the machine is not in use for long time, the power source should be disconnected for the sake of safety and energy-saving.



In the case that the breaker is frequently disconnected, you should stop the operation of the machine and contact the dealer or our Co. authorized maintenance shop.



When you restart the operation after a long period of non-operation, you should carefully check the air conditioner and the wire connection. If the electric wires are damaged or need to be replaced due to other reasons, please ask our Co. after-sale service person or the professional technicians in the authorized maintenance shops to do the replacement so as to avoid possible electric shock, overheating, fire hazards or other accidents.

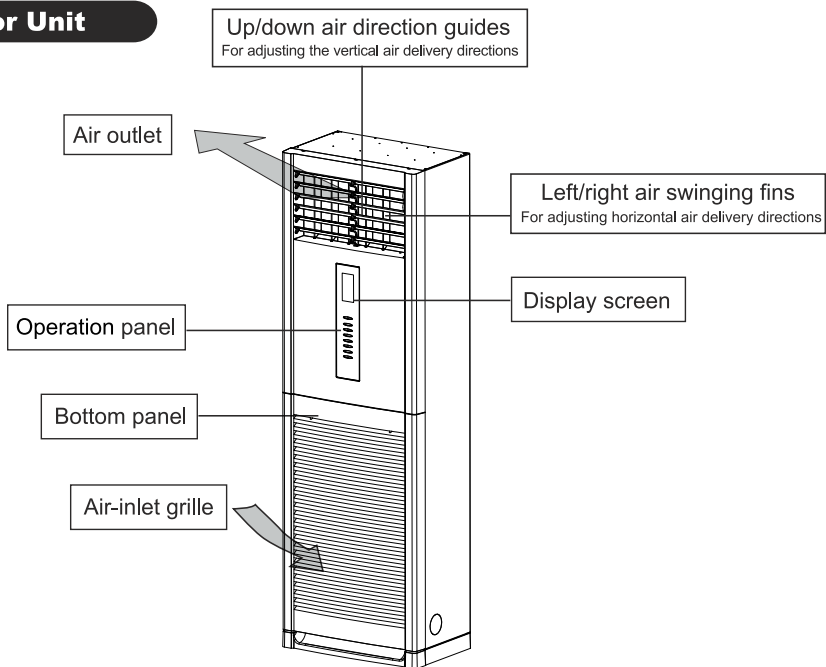


INSTRUCTIONS FOR REMOVAL AND REPAIRS

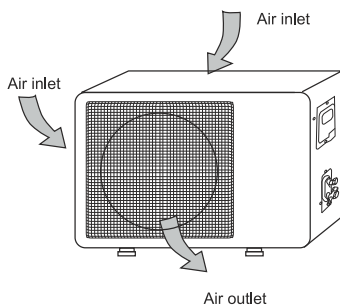
- If the unit needs to be removed for installation elsewhere or for repairs, please contact our company dealer or authorized technicians.
- In case of occurrence of abnormality (burning smell, for example), please stop the operation of the unit, disconnect the power and contact our company dealer or authorized technicians.

【The name of each part and its function】

Indoor Unit



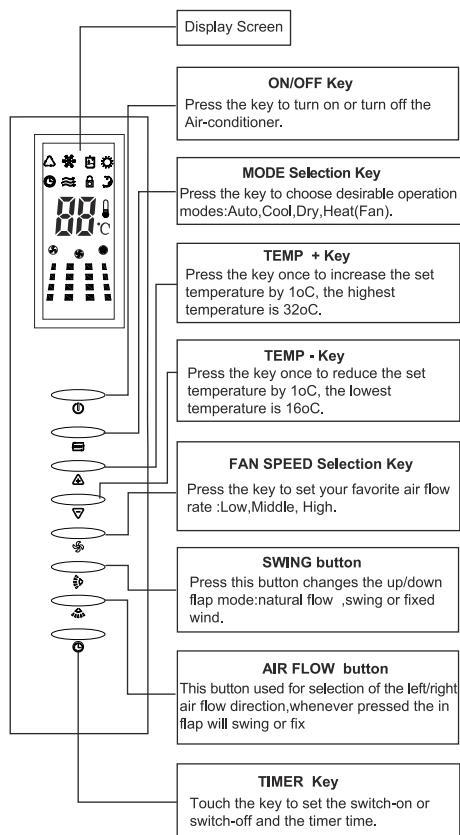
Outdoor Unit



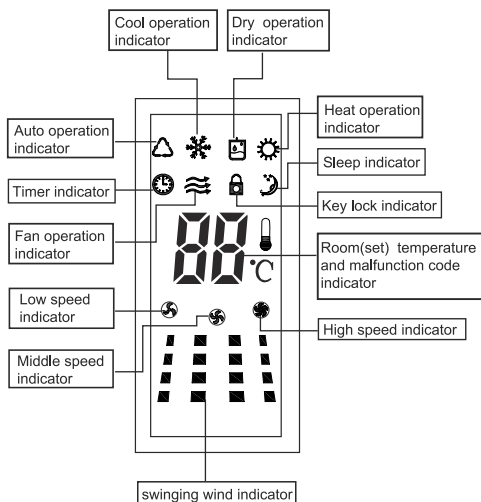
Function feature: During closedown of the air conditioner when it is running in refrigeration or dehumidification status, the air conditioner will not stop supplying air immediately, as the air conditioner is performing mould proofing functions. The upper slide plate will delay for 30 seconds and then automatically close.

Features and appearance will vary.All the figures give a demonstration to introduce the function.

Operation Panel



Display Screen

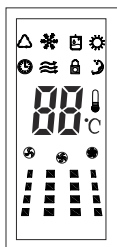


Specification:

- ◆ Usually, the display screen shows only the function mode and operation status you choose.
- ◆ When room temperature equals to or is lower than 10°C, the function of dehumidifying cannot be used.
- ◆ When room temperature equals to or is lower than set temperature, the AC unit stops for a period of time to save energy.
- ◆ The AC unit is equipped with automatic defrosting function and the heat operation indicator on the display screen flashes when the machine defrosts.
- ◆ The AC unit with heat pump has auxiliary electric heating function, which will automatically turn on or off according to room temperature during heating operation to achieve the best heating result.
- ◆ If you turn on the machine immediately after it is turned off, the machine with time-lapse starting function will automatically turn on the machine after 3 minutes to protect it.

【Use of operation panel】

Operation of Mode change between Cool/Dry/Heat/Fan

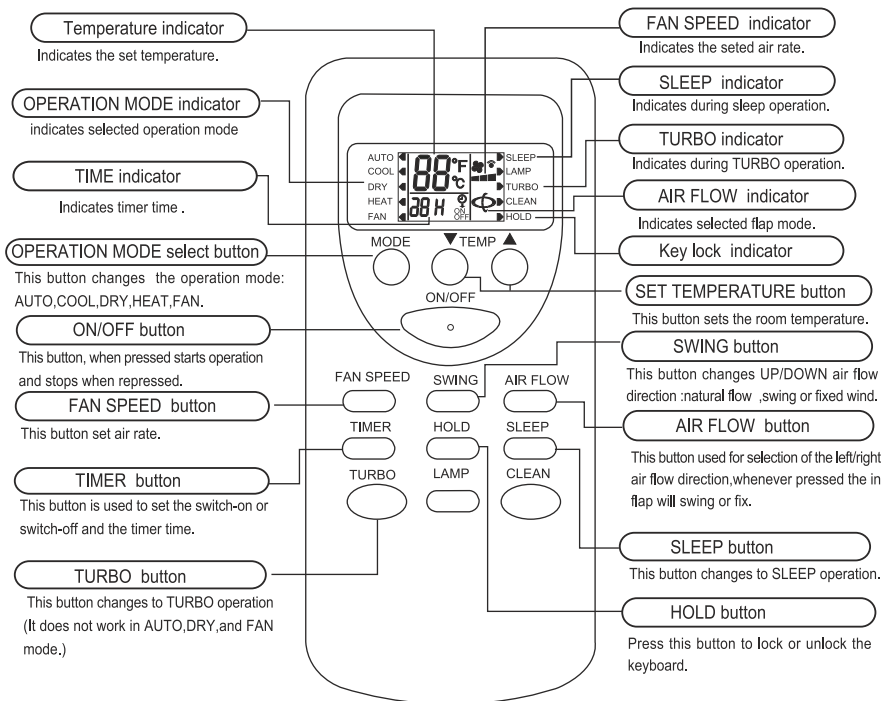


1. Press **ON/OFF** key.
2. Press **MODE** key to choose the mode you want.
When you choose Fan mode, the compressor does not work.
3. Press **TEMP +/-** key to set the room temperature you want
The room set temperature range is 16°C-32°C.
4. Press **FAN SPEED** key to set desirable air flow rate.
The fan operates in low speed under the mode of Dry.
5. Press **ON/OFF** key once again to stop.
If you turn on the machine immediately after it is turned off, the machine with time-lapse starting function will automatically turn on the machine after 3 minutes to protect it.

Note: Adjust the up/down or left/right air flow direction by pressing the SWING or AIR FLOW button of remote controller. Please do not adjust the guide blades of air outlet by hand directly, or which can damage the parts of the machine.

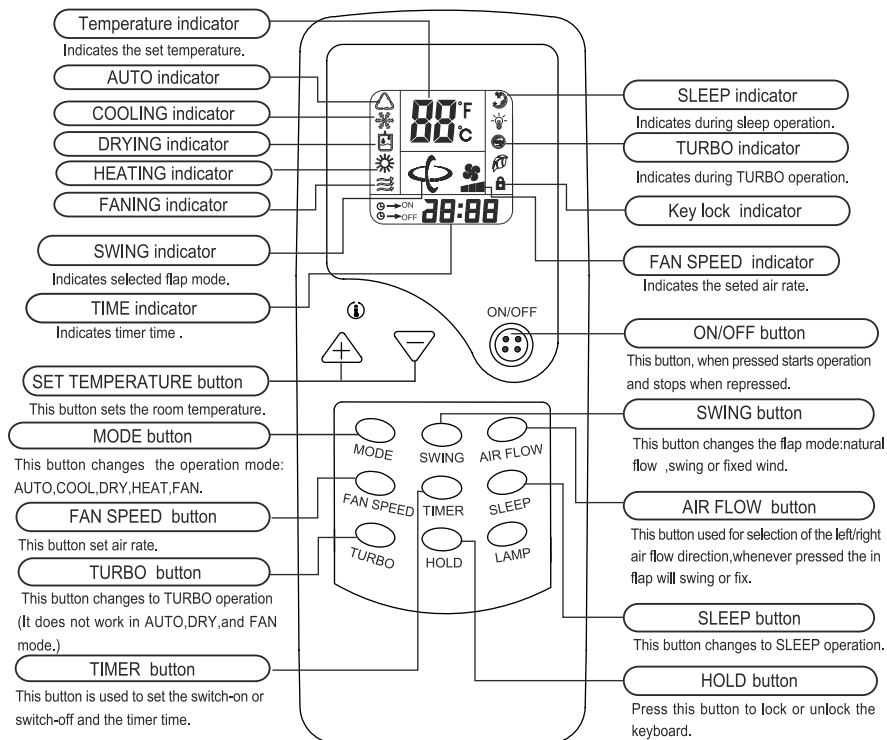
【Use of remote controller】

This remote controller is the general one of our company, it can be used for many types of our air-conditioners. We beg your forgiveness that we would not introduce the button or indicator which is not applicable for the units you purchased.



【Use of remote controller】

Remote Controller 2



NOTE:

- Above figure shows all indications for the purpose of explanation, but practically only the pertinent parts are indicated. When air-conditioner is cooling-only model, the HEAT is for FAN.
- When TURBO operation is selected, room temperature is not controlled with operation being continually. If you feel the room temperature is too cool or too heat, please cancel the TURBO operation.

OPERATING MACHINE IN SELECTED MODES

1. Point the remote controller at the unit, press the ON/OFF button, then press the MODE button, select the needed mode: ATUO, COOL, DRY, HEAT(FAN), or FAN.
2. Press the SET TEMPERATURE button to increase or decrease the readings until the needed temperature is displayed. The room set temperature range is from 16°C-32°C.
(It would be automatically set at 25°C and unadjustable in AUTO and DRY mode.)
3. Press the FAN SPEED button to choose the air rate you want: Low (display indicates "■"), Med (display indicates "■■"), Hi (display indicates "■■■"), Auto (display "■■■" indicator flashing).
(It would be automatically set at low speed and unadjustable in DRY mode.)
4. Press the SWING button to choose the up/down air flow direction you want: natural flow (display indicates "⌋"), swing (display "⌋" indicator flashing), fixed wind (display indicates "↺"). Press the AIR FLOW button to choose the left/right air flow direction you want: swing or fixed wind.
(It would be automatically set at fixed wind air flow direction in DRY mode.)

Attention: Please do not adjust the guide blades of air outlet by hand directly, or which can damage the parts of the machine.

TIMER OPERATION

Set turning off time

Set the time for the unit to turn off and when it is time, the air conditioner will automatically stop operating.

1. During the operation of the air conditioner, press the TIMER button and the air conditioner will enter the timed switch-off mode.
2. Continually press the TIMER button to set the needed time for switching off the machine. The timer can make the setting in the range from 1-24 hours. Every the button is pressed, indication change is the following sequence:
1 → 2 → → 24 → cancel (no indication) → 1.
3. After the setting of the timed switch-off, the digits shown on the display screen will go down by 1 for every elapsed hour. The displayed digits indicate the remaining time prior to the timed switch-off.

Set turning on time

Set the time for the unit to turn on and when it is time, the air conditioner will automatically start operating.

1. When the air conditioner is in the standby mode, press the TIMER button and the air conditioner will enter the timed switch-on mode.
2. Continually press the TIMER button to set the needed time for switching on the machine. The timer can make the setting in the range from 1-24 hours. Every the button is pressed, indication change is the following sequence:
1 → 2 → → 24 → cancel (no indication) → 1.
3. After the setting of the timed switch-on, the digits shown on the display screen will go down by 1 for every elapsed hour. The displayed digits indicate the remaining time prior to the timed switch-on.

Releasing procedure

When the indication on display screen is 24 hour, press the TIMER button again to delete the timed mode.

SLEEP OPERATION

Use this mode to reduce operation sound when sleeping, etc.

Press the SLEEP button, the air flow sound from the indoor unit is decreased.

Press the SLEEP button again can release the mode.

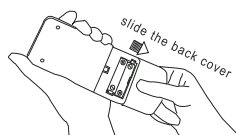
NOTE:

- Use the sleep mode when you are going to bed. If this mode is used in the day, the capacity is reduced since the ambient temperature is too high, (COOL MODE).
- During the operation of cooling, the room temperature will be raised gradually by 2°C higher than the setting after the machine begins to operate in the sleeping mode.
- During the operation of heating mode, the room temperature will be dropped gradually 5°C lower than the setting after the machine begins to operate in the sleeping mode.

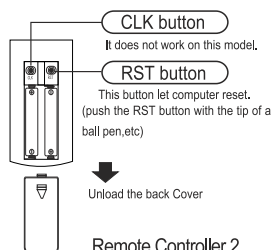
REPLACEMENT OF BATTERIES

● When the signal from the remote controller becomes weak and the indoor unit can not receive it properly; or the indications on the display screen becomes blurred, please slide the back cover and replace with two new batteries.

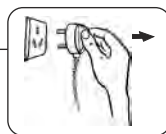
- The positive and negative poles must match the installation positions.
- New batteries of the same type have to be used for replacement.
- If the remote controller is not to be used for long time, take out the batteries so as to prevent the leakage of the electrolyte from damaging the controller.
- If when the remote controller is at abnormal state, you can take out the batteries on the back cover to clear off the display.



Remote Controller 1

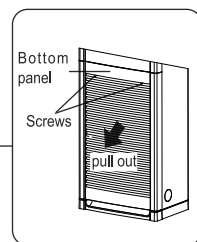


Make sure that the power of the air conditioner is turned off before the maintenance is to be done.



I Removal of the filter screen

1. Make sure that the operation of the air conditioner is fully stopped.
2. Remove the screws on both top sides of the bottom panel, hold both top sides of the bottom panel, pull out in the direction of arrow to open the bottom panel.
3. The air filter screen is loaded inside the panel, take out the air filter screen.



II Cleaning of the filter screen

Gently pat the screen or use a vacuum cleaner to do the cleaning. If too much filth is accumulated on the screen, a small amount of neutral detergent solution can be used for the cleaning. After the cleaning, the screen must be dried in air and be put back into place.

Note: Do not place the air filter screen under the exposure of sunlight or near an over to dry; do not use warm water above 40°C to do the cleaning so as to avoid deformation.



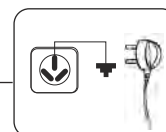
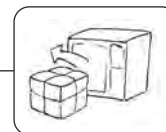
III Cleaning of the air conditioner

1. To ensure safety, power must be turned off before doing the cleaning, otherwise, it may cause electric shocks.
2. Do not use water to flush the units.
3. Use a piece of soft dry cloth to clear off the dust on the units.
4. Do not use volatile oil, gasoline, diluting agents or abrasive powder etc. in doing the cleaning.
5. Use household neutral detergent to clean the fingerprints or oil stains.



IV Prior to operational seasons

1. Check to see if the air inlets and outlets of the indoor and outdoor units are blocked.
2. The protective cover of the outdoor unit must be removed.
3. Check to see if the power cable and grounding wire are in proper state.
4. Check and confirm that there is any bending, or raised ends or blockage of the drainage tubes.
5. Make sure that the air filter screen is properly in place before operating the machine. If the machine is operated with air filter screen removed, dust and foreign objects will result in faulty performances of the air conditioner.



V After the operational seasons

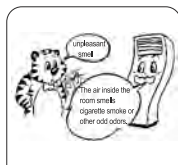
1. Turn off the air conditioner, disconnect the power source.
2. Make proper maintenance to the air filter screen and other parts.
3. Please use a plastic sheet to cover the unit to prevent dust or filth from entering the outdoor unit.



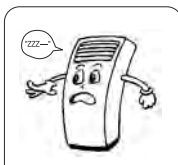
【Maintenance】

【Phenomena diagnosis and treatment】

The following phenomena air not faulty operational performances



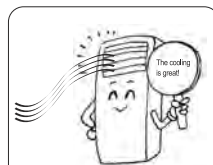
Sometimes the air sent out from the air conditioner may smell some odd odors. This is due to the cigarette smoke, the cosmetic smell, the odors of walls or furniture pieces in the room that are stained on the air conditioner.



During the operation or when the machine is stopped, some "ZZZ..." sound may be heard. This is because the refrigerant inside the air conditioner is still flowing.



When the cooling or heating operation is started or stopped, some "patting" sound may be heard. This is because some parts of the surface boards are expanded due to changes of temperature, which results in the friction of these parts. This is not a performance fault.



When cooling is in operation, sometimes the haze emits from the air outlet, which cause is that when the indoor temperature and humidity is higher, the indoor air is rapidly refrigerated, after the indoor temperature and humidity lowers, the haze will disappear.

Please read the following contents before contacting the maintenance people.

Trouble phenomena	Trouble diagnosis
Air conditioner does not work	① Whether power on. ② Whether connect to the power source. ③ Whether have set timed on/off. ④ Whether the voltage too high or too low. ⑤ Whether breaker in off position.
Cooling or heating effect not good	① Whether room temperature properly adjusted. ② Whether the inlet or outlet of the indoor or outdoor units blocked. ③ Whether the air filter screen too much dust blocking. ④ Whether door or windows close. ⑤ Whether using combusting apparatuses in room.
Remote controller doesn't work 	① When the receiver for remote signal is shined directly by sunligh or strong light,it is likely not to receive remote signal.Under this condition,please cover the sunlight or adjust the light to be dim. ② Whether it is within the receiving range?Or be warded off by obstacle? ③ Check whether the voltage of the battery in the remote controller is enough, or please replace the battery. ④ When the remote controller displays obscurely ,please replace the battery.

When the following cases happen,please stop operation,disconnect the power source,then contact our co.dealer of the authorized maintenance shop.

- The fuse is burned out frequently,the current leakage switch switch off frequently.
- The line abnormally heats or cracks at the line insulation coat.
- Other states different from the normal states.

