



• **INSTRUCTION MANUAL**

Inverter-Controlled Split System Air
Conditioner

EG

• **MODE D'EMPLOI**

Climatiseur de type séparé contrôlé par
inverseur

F

KS1872
KS2472

This air conditioner uses the new refrigerant R410A.

COOL/DRY Model



Save These Instructions!
Conserver ce mode d'emploi

Features

This air conditioner is an inverter type unit that automatically adjusts capacity as appropriate. Details on these functions are provided below; refer to these descriptions when using the air conditioner.

- **Microprocessor Controlled Operation**
The interior compartment of the remote control unit contains several features to facilitate automatic operation, easy logically displayed for easy use.
- **Simple One-touch Wireless Remote Control**
The remote control unit has several features to facilitate automatic operation.
- **24-Hour ON or OFF Timer**
This timer can be set to automatically turn the unit on or off at any time within a 24 hour period.
- **1-Hour OFF Timer**
This timer can be set to automatically turn off the unit at any time after one hour.
- **Night Setback**
Pressing this button changes the setting of the room temperature thermostat, allowing you to set the temperature at whatever level that you find comfortable.
- **Automatic and 3-step Fan Speed**
Auto/High/Medium/Low
- **Air Sweep Control**
This function moves a flap up and down in the air outlet, directing air in a sweeping motion around the room and providing comfort in every corner.
- **Auto. Flap Control**
This automatically sets the flap to the optimum position during cooling and drying operation.
- **Automatic Restart Function for Power Failure**
Even when power failure occurs, preset programmed operation can be reactivated once power resumes.
- **High Power Operation**
The unit operates at maximum output for 30 minutes, regardless of the desired temperature. The fan speed is 1 step above "High".
- **Quiet Operation**
The fan rotates slower than the fan speed setting to provide a quieter operating sound.
- **ION Operation**
While it is operating, the unit generates negative ions that freshen up the air in the room.
- **Anti-Mold Filter**
This unit is equipped with an anti-mold filter that inhibits the growth of mold and bacteria.
- **Air Clean Filter**
An air filter that eliminates unpleasant odors and cleans the air is available. Purchase a replacement filter at your local dealer. (model **STK-FDXB**)

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Product Information

If you have problems or questions concerning your Air Conditioner, you will need the following information. Model and serial numbers are on the nameplate on the bottom of the cabinet.

Model No. _____ Serial No. _____

Date of purchase _____

Dealer's address _____

Phone number _____

Alert Symbols

The following symbols used in this manual, alert you to potentially dangerous conditions to users, service personnel or the appliance:

**WARNING**

This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.

**CAUTION**

This symbol refers to a hazard or unsafe practice which can result in personal injury or product or property damage.

Installation Location

- **We recommend that this air conditioner be installed properly by qualified installation technicians in accordance with the Installation Instructions provided with the unit.**
- Before installation, check that the voltage of the electric supply in your home or office is the same as the voltage shown on the nameplate.



WARNING

- **Do not install this air conditioner where there are fumes or flammable gases, or in an extremely humid space such as a greenhouse.**
- **Do not install the air conditioner where excessively high heat-generating objects are placed.**

Avoid: To protect the air conditioner from heavy corrosion, avoid installing the outdoor unit where salty sea water can splash directly onto it or in sulphurous air near a spa.

Electrical Requirements

1. All wiring must conform to the local electrical codes. Consult your dealer or a qualified electrician for details.
2. Each unit must be properly grounded with a ground (or earth) wire or through the supply wiring.
3. Wiring must be done by a qualified electrician.

Safety Instructions

- **Read this Instruction Manual carefully before using this air conditioner. If you still have any difficulties or problems, consult your dealer for help.**
- **This air conditioner is designed to give you comfortable room conditions. Use this only for its intended purpose as described in this Instruction Manual.**



WARNING

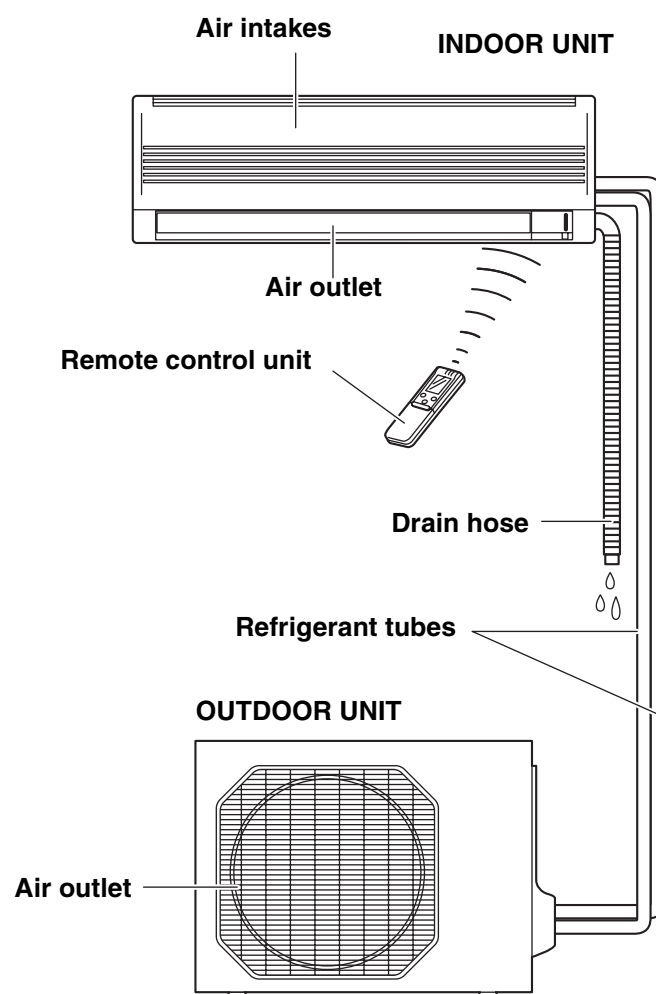
- **Never use or store gasoline or other flammable vapor or liquid near the air conditioner — it is very dangerous.**
- **This air conditioner has no ventilator for intaking fresh air from outdoors. You must open doors or windows frequently when you use gas or oil heating appliances in the same room, which consume a lot of oxygen from the air. Otherwise there is a risk of suffocation in an extreme case.**



CAUTION

- **Do not turn the air conditioner on and off from the power mains switch. Use the ON/OFF operation button.**
- **Do not stick anything into the air outlet of the outdoor unit. This is dangerous because the fan is rotating at high speed.**
- **Do not let children play with the air conditioner.**
- **Do not cool the room too much if babies or invalids are present.**

Names of Parts

**EG****NOTE**

This illustration is based on the external view of a standard model. Consequently, the shape may differ from that of the air conditioner which you have selected.

This air conditioner consists of an indoor unit and an outdoor unit. You can control the air conditioner with the remote control unit.

Air Intake	Air from the room is drawn into this section and passes through air filters which remove dust.
Air Outlet	Conditioned air is blown out of the air conditioner through the air outlet.
Remote Control Unit	The wireless remote control unit controls power ON/OFF, operation mode selection, temperature, fan speed, timer setting, and air sweeping.
Refrigerant Tubes	The indoor and outdoor units are connected by copper tubes through which refrigerant gas flows.
Drain Hose	Moisture in the room condenses and drains off through this hose.
Outdoor (Condensing) Unit	The outdoor unit contains the compressor, fan motor, heat exchanger coil, and other electrical components.

Unit Display and Operation Button

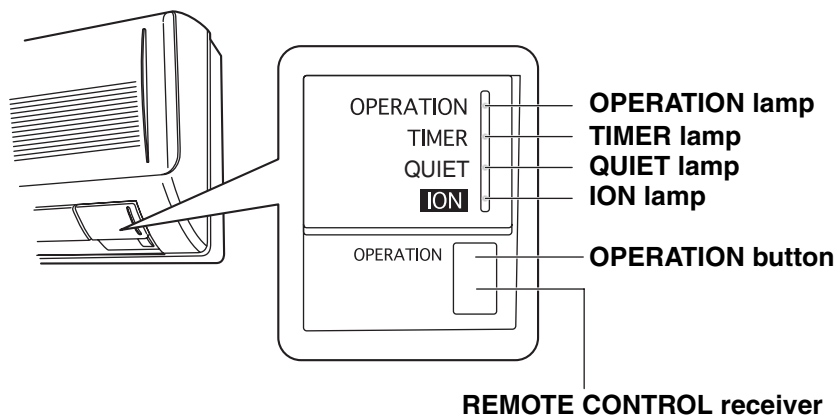


IMPORTANT

Avoid using radio equipment such as mobile phone near (within 4 ft.) the remote control receiver. Some radio equipment may cause malfunction of the unit.

If the trouble happens, disconnect power and restart the air conditioner after a few minutes.

INDOOR UNIT

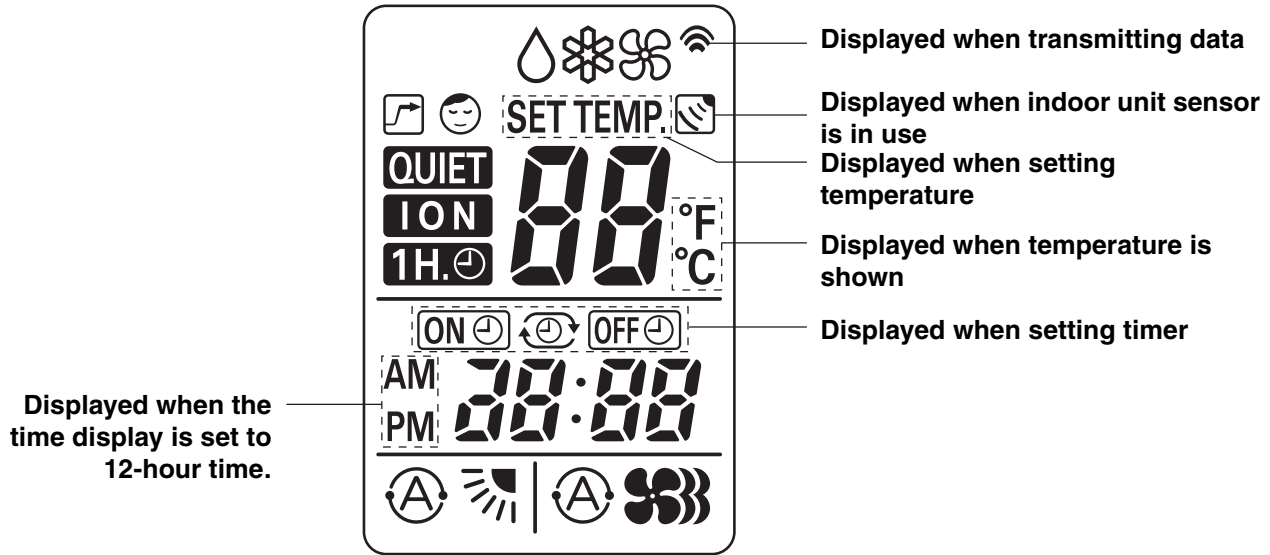


REMOTE CONTROL receiver	This section picks up infrared signals from the remote control unit (transmitter).
OPERATION button	When the remote control cannot be used, pressing this button enables cooling operation. Each time this button is pressed, the operation mode changes cyclically. Cooling operation → Stop
OPERATION lamp	This lamp lights when the system is in the continuous DRY (orange), COOL (green) and FAN (green) mode.
TIMER lamp	This lamp lights when the system is being controlled by the timer.
QUIET lamp	This lamp lights during operation in the QUIET mode.
ION lamp	This lamp lights during operation in the ION mode while the indoor unit is operating.

NOTE

The unit's display lamps are dimmed during operation in the NIGHT SETBACK mode.

Remote Control Unit (Display)



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Symbols

(1) Operation mode

MILD DRY



COOL



FAN



(2) Fan speed

Automatic operation



HIGH



MEDIUM



LOW

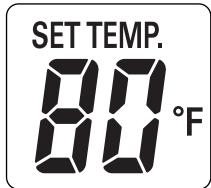


(3) Temperature setting

60 – 86 °F

When set to 80 °F

temperature indication



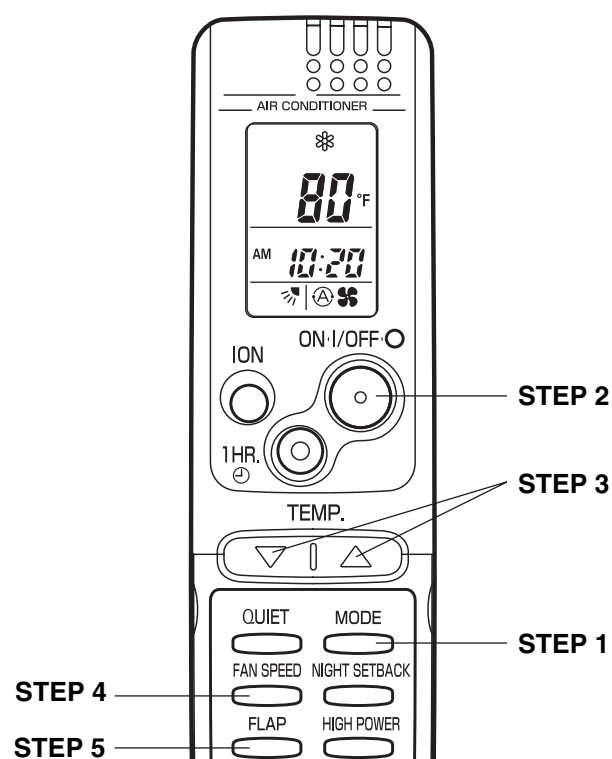
(4) Timer

24-hour clock with ON/OFF program Timer



Operation with the Remote Control Unit

1. Operation


NOTE

Check that the circuit breaker on the power panel is turned on.

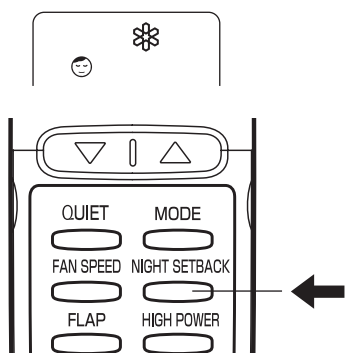
Press the setting buttons as described below and change the settings as desired.

STEP 1	Press the MODE selector button and select the desired mode. For dehumidifying operation →  For cooling operation →  For fan only operation → 
STEP 2	To start the air conditioner, press the ON/OFF operation button.
STEP 3	Press the TEMP. setting buttons to change the temperature setting to the desired temperature. Adjustable temperature range: 30 °C max. 16 °C min. or 86 °F max. 60 °F min.
STEP 4	Set the FAN SPEED selector button to the setting you want.
STEP 5	Press the FLAP button and set the airflow direction as desired. (Refer to "Adjusting the Airflow Direction" on page 20.)

To stop the air conditioner, press the ON/OFF operation button again.

Operation with the Remote Control Unit (continued)

4. Night Setback Mode



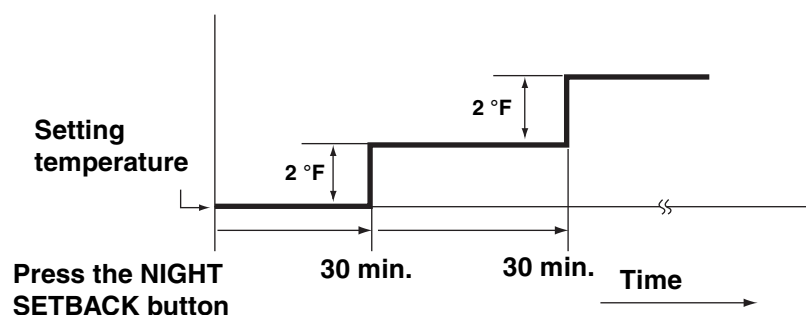
Night Setback Mode is used for saving energy.

Press the NIGHT SETBACK button while operation.
The ☺ mark appears in the display.

To release the night setback function, press the NIGHT SETBACK button again.

In Cooling and DRY Mode: (❄ and 💧)

When the night setback mode is selected, the air conditioner automatically raises the temperature setting 2 °F when 30 minutes have passed after the selection was made, and then another 2 °F after another 30 minutes have passed, regardless of the indoor temperature when night setback was selected. This enables you to save energy without sacrificing comfort. This function is convenient when gentle cooling is needed.



Special Remarks

“DRY” () Operation

How it works?

- Once the room temperature reaches the level that was set, the unit's operation frequency is changed automatically.
- During DRY operation, the fan speed automatically runs at lower speed for providing a comfortable breeze.
- “DRY” operation is not possible if the indoor temperature is 59 °F or less.

Cooling () Operation

- Sometimes the indoor unit may not get to the set fan speed such as LOW and QUIET under cool operation at very low outdoor temperatures due to the indoor unit being protected from ice or frost when combined with the outdoor unit for Low Ambient Cooling models.

Power failure during operation

- In the event of power failure, the unit will stop. When the power is resumed, the unit will restart automatically within five minutes by the remote control unit.

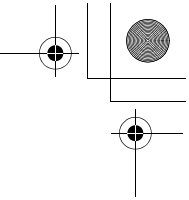
Clicking Sound

Clicking sound is heard from the air conditioner

- In cooling operation, any plastic parts may shrink due to a sudden temperature change. In this event, a clicking sound may occur. This is normal, and the sound will soon disappear.

Remote Control Unit

- The remote control unit sends the setting condition to the air conditioner regularly at five minute intervals.



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