



OPERATING MANUAL
BEDIENUNGSANLEITUNG
MODE D'EMPLOI
MANUAL DE FUNCIONAMIENTO
MANUALE DI ISTRUZIONI
ΕΓΧΕΙΡΙΔΙΟ ΛΕΙΤΟΥΡΓΙΑΣ

COOLING MODEL

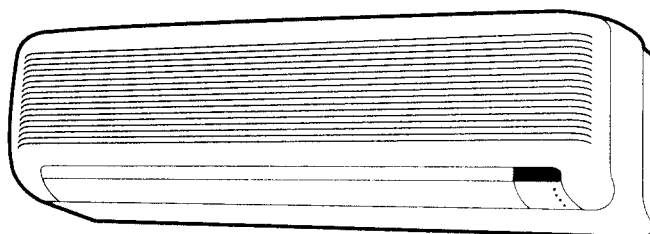
ROOM AIR CONDITIONER WALL MOUNTED TYPE

Indoor Unit

RSW-77

Outdoor Unit

ROW-77



English

Deutsch

Français

Español

Italiano

Ελληνικά

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SAFETY PRECAUTIONS

DANGER!

- Do not attempt to install this air conditioner by yourself.
- This unit contains no user-serviceable parts. Always consult authorized service personnel for repairs.
- When moving, consult authorized service personnel for disconnection and installation of the unit.
- Do not become excessively chilled by staying for lengthy periods in the direct cooling airflow.
- Do not insert fingers or objects into the outlet port or intake grilles.
- Do not start and stop air conditioner operation by disconnecting the power supply cord and so on.
- Take care not to damage the power supply cord.
- In the event of a malfunction (burning smell, etc.), immediately stop operation, disconnect the power supply plug, and consult authorized service personnel.
- If the power supply cord of this appliance is damaged, it should only be replaced by the authorized service personnel, since special purpose tools and specified cord are required.

CAUTION!

- Provide occasional ventilation during use.
- Do not direct air flow at fireplaces or heating apparatus.
- Do not climb on, or place objects on, the air conditioner.
- Do not hang objects from the indoor unit.
- Do not set flower vases or water containers on top of air conditioners.
- Do not expose the air conditioner directly to water.
- Do not operate the air conditioner with wet hands.
- Do not pull power supply cord.
- Turn off power source when not using the unit for extended periods.
- Check the condition of the installation stand for damage.
- Do not place animals or plants in the direct path of the air flow.
- Do not drink the water drained from the air conditioner.
- Do not use in applications involving the storage of foods, plants or animals, precision equipment, or art works.
- Do not apply any heavy pressure to radiator fins.
- Operate only with air filters installed.
- Do not block or cover the intake grille and outlet port.
- Ensure that any electronic equipment is at least one metre away from either the indoor or outdoor units.
- Avoid installing the air conditioner near a fireplace or other heating apparatus.
- When installing the indoor and outdoor unit, take precautions to prevent access to infants.
- Do not use inflammable gases near the air conditioner.

FEATURES AND FUNCTIONS

AUTOMATIC OPERATION

Merely press the START/STOP button, and the unit will begin automatic operation in either the Cooling, Dry, or Monitor modes as appropriate, in accordance with the thermostat setting and the actual temperature of the room.

SLEEP TIMER

When the SLEEP timer button is pressed during cooling mode, the thermostat setting is gradually raised during the period of operation. When the set time is reached, the unit automatically turns off.

AUTO RESTART

During air conditioner operation, if power is temporarily interrupted due to a power failure or other reason, the air conditioner will automatically restart in the same mode when power is restored.

WIRELESS REMOTE CONTROL UNIT

The wireless remote control unit allows convenient control of air conditioner operation.

POWERFUL OPERATION

When the POWERFUL OPERATION button is pressed, the unit will operate powerfully for 25 minutes at high fan speed.

REMOVABLE INTAKE GRILLE

The indoor unit's intake grille can be removed for easy cleaning and maintenance.

MILDEW-RESISTANT FILTER

The air filter has been treated to resist mildew growth, thus allowing cleaner use and easier care.

SUPER QUIET OPERATION

When the SUPER QUIET button is pressed, the speed of the indoor unit's fan is reduced, thus allowing whisper-quiet cooling.

AIR CLEAN FILTER (Optional)

The optional air clean filter (Model APS-04A) uses an electrostatic principle to clean the air of fine particulate matter such as tobacco smoke and plant pollen.

NAME OF PARTS

Fig. 1 Indoor Unit

- 1 **Operating Control Panel (Fig. 2)**
- 2 **POWER Switch**
- 3 **MANUAL AUTO button**
- 4 **TEST RUN button**
 - This button is used when installing the conditioner, and should not be used under normal conditions, as it will cause the air conditioner's thermostat function to operate incorrectly.
 - If this button is pressed during normal operation, the unit will switch to test operation mode, and the room unit's OPERATION lamp and TIMER lamp will begin to flash simultaneously.
 - To stop the test operation mode, either press the TEST RUN button once again, or press the START/STOP button to stop the air conditioner.
- 5 **Remote Control Signal Receiver**
- 6 **Indicator Lamps (Fig. 3)**
 - 7 **OPERATION Indicator Lamp (red)**
 - 8 **TIMER Indicator Lamp (green)**
 - 9 **POWERFUL Indicator Lamp (orange)**
 - 10 **SUPER QUIET Indicator Lamp (yellow)**
- 11 **Intake Grille**
- 12 **Air Filter**
- 13 **Airflow-direction Louver**
- 14 **Right-Left Louvers (behind Airflow-direction Louver)**
- 15 **Drain Hose**
- 16 **Power Supply Plug**
- 17 **Power Supply Cord**
- 18 **Air Clean Filter (optional)**

Fig. 5 Outdoor Unit

- 19 **Intake Port**
- 20 **Outlet Port**
- 21 **Drain Port (bottom)**
- 22 **Pipe Unit**

Fig. 6 Remote Control Unit

- 23 **SLEEP button**
- 24 **MASTER CONTROL button**
- 25 **SET TEMP. /SET TIME buttons (+/-)**
- 26 **Signal Transmitter**
- 27 **TIMER button**
- 28 **FAN CONTROL button**
- 29 **START/STOP button**
- 30 **POWERFUL button**
- 31 **SUPER QUIET button**

Rear side (Fig. 7)

- 32 **TIME ADJUST button**
- 33 **ACL button (located inside battery compartment)**

Remote Control Unit Display (Fig. 8)

- 34 **Transmit Indicator**
- 35 **Clock Display**
- 36 **Operating Mode Display**
- 37 **Timer Mode Display**
- 38 **Fan Speed Display**
- 39 **Temperature Set Display**
- 40 **Timer Set Indicator**
- 41 **Temperature Set Indicator**

PREPARATION

Turn on the Power

- 1 Connect the Power Supply Plug (Fig. 1 ⑮) to an electrical outlet; in the case of a direct line connection, turn on the circuit breaker.**
- 2 Set the POWER switch (Fig. 2 ②) to ON.**

Load Batteries (R03/LR03 x 2)

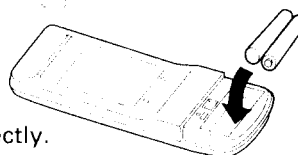
- 1 Press and slide the battery compartment lid on the reverse side to open it.**

Slide in the direction of the arrow while pressing the ▼ mark.

- 2 Insert batteries.**

Be sure to align the battery polarities (⊕/⊖) correctly.

- 3 Close the battery compartment lid.**



⚠ CAUTION!

- Take care to prevent infants from accidentally swallowing batteries.
- When not using the remote control unit for an extended period, remove the batteries to avoid possible leakage and damage to the unit.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately wash with copious amounts of water, and consult your physician.
- Dead batteries should be removed quickly and disposed of properly, either by placing in a public battery collection receptacle, or by returning to appropriate authority.
- Do not attempt to recharge dry batteries.

Never mix new and used batteries, or batteries of different types. Batteries should last about one year under normal use. If the remote control unit's operating range becomes appreciably reduced, replace the batteries and press the ACL button with the tip of a ball-point pen or other small object.

Set the Current Time

- 1 Press the TIME ADJUST button (Fig. 7 ⑮).**
Use the tip of a ball-point pen or other small object to press the button.
- 2 Use the ⊕/⊖ SET TIME buttons (Fig. 6 ⑮) to adjust the clock to the current time.**

⊕ button: Press to advance the time.

⊖ button: Press to reverse the time.

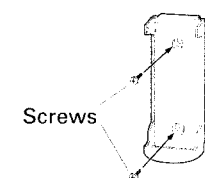
(Each time the buttons are pressed, the time will be advanced/reversed in one-minute increments; hold the buttons depressed to change the time quickly in ten-minute increments).

- 3 Press the TIME ADJUST button again.**
This completes the time setting and starts the clock.

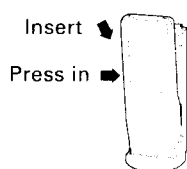
To Use the Remote Control Unit

- The remote control unit must be pointed at signal receiver (Fig.1 ④) to operate correctly.
- Operating Range: About 7 meters.
- When a signal is properly received by the air conditioner, a beeping sound will be heard.
- If no beep is heard, press the remote control unit button again.

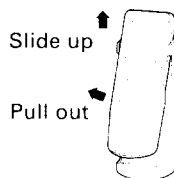
Remote Control Unit Holder



① Mount the Holder.



② Set the remote control unit.



③ To remove the remote control unit (when use at hand).

OPERATION

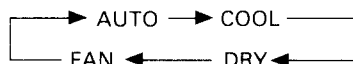
To Select Mode Operation

1 Press the START/STOP button (Fig. 6 28).

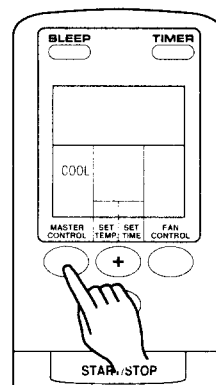
The air conditioner will start operation.

2 Press the MASTER CONTROL button (Fig. 6 23) to select the desired mode.

Each time the button is pressed, the mode will change in the following order.



About three seconds later, the entire display will reappear.



Example: When set to COOL.

To Set the Thermostat

Press the SET TEMP. buttons (Fig. 6 24).

➕ button: Press to raise the thermostat setting.

➖ button: Press to lower the thermostat setting.

● Thermostat setting range:

AUTO Standard temperature setting $\pm 2^{\circ}\text{C}$

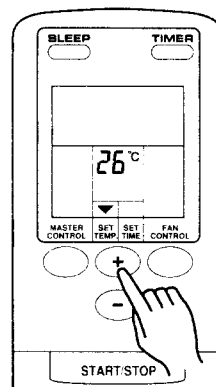
Cooling/Dry $18 - 30^{\circ}\text{C}$

FAN $17 - 30^{\circ}\text{C}$

(During use of FAN mode, if the thermostat is set at 17°C or lower, the display will show "--" and the fan will operate continuously, regardless of the room temperature).

About three seconds later, the entire display will reappear.

The thermostat setting should be considered a standard value, and may differ somewhat from the actual room temperature.

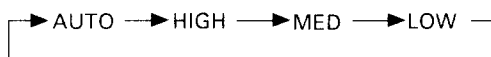


Example: When set to 26°C .

To Set the Fan Speed

Press the FAN CONTROL button (Fig. 6 27).

Each time the button is pressed, the fan speed changes in the following order:

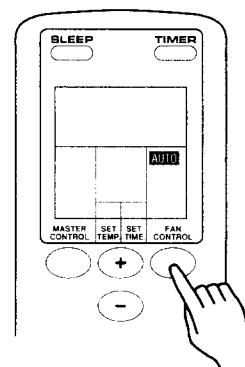


About three seconds later, the entire display will reappear.

When set to AUTO:

Cooling: As the room temperature approaches that of the thermostat setting, the fan speed becomes slower.

Fan: The fan will operate at the optimum speed in accordance with the room temperature in the vicinity of the indoor unit.



Example: When set to AUTO.

To Stop Operation

Press the START/STOP button.

About Mode Operation

AUTO: ● Depending on the room temperature at the time operation begins, the operating mode will be switched automatically as shown in the accompanying table.

Also, depending on the operating mode, the room temperature setting will cause the "standard" temperature to be set as shown.

Actual Room Temperature		Operating Mode		Thermostat Setting (standard setting)
30° or above	→	Cooling	→	27°C
27°C to 30°C	→	Cooling	→	26°C
25°C to 27°C	→	Dry	→	24°C
23°C to 25°C	→	Dry	→	22°C
Below 23°C	→	Dry	→	20°C

The operating mode and standard thermostat settings are selected automatically when operation begins.

- When automatic operation is initiated, the fan will run at very low speed for about one minute while the unit detects and selects the proper operating mode.
- Once the operating mode has been set, the mode will not change even if the room temperature changes.
- If the START/STOP button is pressed to recommence operation within two hours after stopping automatic operation, the unit will begin operating from the same mode as before.

Cooling: ● Use to cool your room.

Dry: ● Use for gently cooling while dehumidifying your room.
● You cannot heat the room during Dry mode.
● During Dry mode, the unit will operate at low speed; in order to adjust room humidity, the indoor unit's fan may stop from time to time. Also, the fan may operate at very low speed when detecting room humidity.
● The fan speed cannot be changed manually when Dry mode has been selected.

Fan: ● Use to circulate warm air from ceiling area throughout room when using space heaters.

During Cooling/Dry mode:

Set the thermostat to a temperature setting that is lower than the current room temperature. The Cooling and Dry modes will not operate if the thermostat is set higher than the actual room temperature (in Cooling mode, the fan alone will operate).

During Fan mode:

- Fan operation begins when room temperature in the vicinity of the air conditioner rises above the set thermostat temperature; when the temperature drops, fan operation stops.
- If the air emitted feels too cool, raise the thermostat setting.

ADJUSTING THE DIRECTION OF AIR CIRCULATION

Adjust the air flow direction in accordance with the operating mode.

Vertical Air Direction Adjustment

Adjust the air direction louvers as shown in Fig. 1 ⑫.

During Cooling/Dry Modes

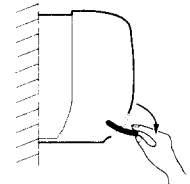
- Set the air direction louvers horizontally to allow cool air to circulate throughout the room.

During Fan Mode

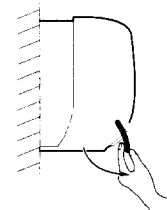
- Set the louvers in the downward direction.

⚠ DANGER!

- Never place fingers or foreign objects inside the outlet ports, since the internal fan operates at high speed and could cause personal injury.
- Do not operate the air conditioner when the air-deflection louvers are closed or blocked, as damage or malfunction may result.



Horizontal



Downward

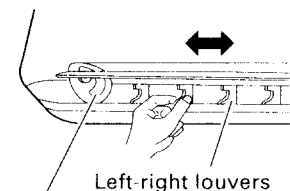
About the Deflection Range Label

- The blue mark on the label indicates the recommended direction range during cooling and dry modes.

Left-Right Adjustment

Adjust the left-right louvers

- Move the left-right louvers to adjust air flow in the direction you prefer.



Left-right louvers
Direction Range Label

- During cooling operation, if the air-deflection louvers are adjusted in the other cooling and dry mode range, water may condense around the louvers and drip inside the room. If you choose to use this setting do so only for short periods.
- When used in a room with infants, children, elderly or sick persons, the air direction and room temperature should be considered carefully when making settings.

TIMER OPERATION

Before using the timer function, be sure that the remote control unit is set to the correct current time (See page 4).

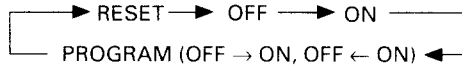
To Use the ON timer or OFF timer

1 Press the START/STOP button (Fig. 6 28) (if the unit is already operating, proceed to step 2).

The indoor unit's red OPERATION lamp (Fig. 3 6) will light.

2 Press the TIMER button (Fig. 6 26) to select the OFF timer or ON timer operation.

Each time the button is pressed the timer function changes in the following order:



The indoor unit's green TIMER lamp (Fig. 3 7) will light.

3 Use the SET TIME buttons (Fig. 6 24) to adjust the desired OFF time or ON time.

Set the time while the time display is flashing (the flashing will continue for about five seconds).

⊕ button: Press to advance the time.

⊖ button: Press to reverse the time.

About five seconds later, the entire display will reappear.

To Cancel the Timer

Use the TIMER button to select "TIMER RESET."

The air conditioner will return to normal operation.

To Change the Timer Settings

Perform steps 2 and 3.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting, SUPER QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

To Use the Program Timer

1 Press the START/STOP button (Fig. 6 28) (if the unit is already operating, proceed to step 2).

The indoor unit's red OPERATION lamp (Fig. 3 6) will light.

2 Set the desired times for OFF timer and ON timer.

See the section "To Use the ON Timer or OFF Timer" to set the desired mode and times.

About three seconds later, the entire display will reappear.

The indoor unit's green TIMER lamp (Fig. 3 7) will light.

3 Press the TIMER button (Fig. 6 26) to select the PROGRAM timer operation (either OFF → ON or OFF ← ON will display).

The display will alternately show "OFF timer" and "ON timer", then change to show the time setting for the operation to occur first.

- The program timer will begin operation. (If the ON timer has been selected to operate first, the unit will stop operating at this point).

About five seconds later, the entire display will reappear.

To Cancel the Timer

Use the TIMER button to select "TIMER RESET."

The air conditioner will return to normal operation.

To Change the Timer Settings

1. Follow the instructions given in the section "To Use the ON Timer or OFF Timer" to select the timer setting you wish to change.
2. Press the TIMER button to select either OFF → ON or OFF ← ON.

To Stop Air Conditioner Operation while the Timer is Operating

Press the START/STOP button.

To Change Operating Conditions

If you wish to change operating conditions (Mode, Fan Speed, Thermostat Setting, SUPER QUIET mode), after making the timer setting wait until the entire display reappears, then press the appropriate buttons to change the operating condition desired.

About the Program Timer

- The program timer allows you to integrate OFF timer and ON timer operations in a single sequence. The sequence can involve one transition from OFF timer to ON timer, or from ON timer to OFF timer, within a twenty-four hour period.
- The first timer function to operate will be the one set nearest to the current time. The order of operation is indicated by the arrow in the remote control unit's display (OFF → ON, or OFF ← ON).
- One example of program timer use might be to have the air conditioner automatically stop (OFF timer) after you go to sleep, then start (ON timer) automatically in the morning before you arise.

SLEEP TIMER OPERATION

Unlike other timer functions, the SLEEP timer is used to set the length of time until air conditioner operation is stopped.

To Use the SLEEP Timer

1 While the air conditioner is operating or stopped, press the SLEEP button (Fig. 6 22).

The indoor unit's red OPERATION lamp (Fig. 3 6) lights and the green TIMER lamp (Fig. 3 7) light.

To Change the Time Settings

Press the SLEEP button (Fig. 6 22) once again and set the time using the SET TIME buttons (Fig. 6 24).

Set the time while the time display is flashing (the flashing will continue about five seconds).

➡ **button:** Press to advance the time.

⬅ **button:** Press to reverse the time.

About five seconds later, the entire display will reappear.

To Cancel the Timer:

Use the TIMER button to select "TIMER RESET"

The air conditioner will return to normal operation.

To Stop the Air Conditioner During Timer Operation:

Press the START/STOP button.

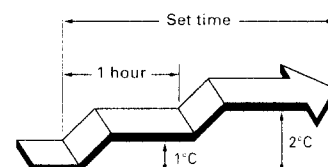
About the SLEEP Timer

To prevent excessive cooling during sleep, the SLEEP timer function automatically modifies the thermostat setting in accordance with the time setting. When the set time has elapsed, the air conditioner completely stops.

During Cooling/Dry operation:

When the SLEEP timer is set, the thermostat setting is automatically raised 1°C every sixty minutes. When the thermostat has been raised a total of 2°C, the thermostat setting at that time is maintained until the set time has elapsed, at which time the air conditioner automatically turns off.

SLEEP timer setting



SUPER QUIET BUTTON

Press this button only after beginning operation.

To Select Super Quiet Operation

Press the SUPER QUIET button (Fig. 6 30).

Super quiet operation will begin.

The SUPER QUIET indicator lamp (yellow) (Fig. 3 9) will turn ON.

To Cancel Super Quiet Operation

Press the SUPER QUIET button (Fig. 6 30) again.

The operating mode will return to normal.

The SUPER QUIET indicator lamp (yellow) (Fig. 3 9) will turn OFF.

- Super quiet operation cannot be used during dry mode.
- During super quiet operation, if the fan speed setting is changed manually, the super quiet operation will be canceled.
- During super quiet operation, cooling performance will be reduced somewhat.
- If the SUPER QUIET button is pressed while the ON timer function is operating, super quiet operation will begin together with the ON timer.
- If the SUPER QUIET button is pressed during ON TIMER operation, the TIMER indicator lamp (green) and the SUPER QUIET indicator lamp (yellow) light simultaneously.

POWERFUL BUTTON

Press this button only after beginning operation.

To Select Powerful Operation

Press the POWERFUL button (Fig. 6 29).

Powerful operation will begin.

The POWERFUL indicator lamp (orange) (Fig. 3 8) will turn ON.

When the POWERFUL OPERATION button is pressed, the unit will operate powerfully for 25 minutes at high fan speed.

To Cancel Powerful Operation

Press the POWERFUL button (Fig. 6 29) again.

The operating mode will return to normal.

The POWERFUL indicator lamp (orange) (Fig. 3 8) will turn OFF.

MANUAL AUTO OPERATION

Use the MANUAL AUTO operation in the event the remote control unit is lost or otherwise unavailable.

How To Use the Main Unit Controls

Press the MANUAL AUTO button (Fig. 2 3) on the main unit control panel.

To stop operation, press the MANUAL AUTO button once again, or set the POWER switch (Fig. 2 2) to OFF.

(Controls are located inside the front grille)

- When the air conditioner is operated with the controls on the main unit, it will operate under the same mode as the AUTO mode selected on the remote control unit (see page 6).
- The fan speed selected will be "AUTO" and the thermostat setting will be standard.

CLEANING AND CARE



CAUTION!

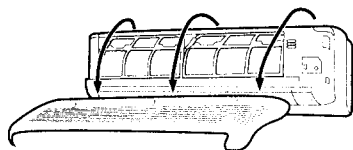
- Before cleaning the air conditioner, be sure to turn it off and disconnect the power supply cord.
- Be sure the intake grille (Fig. 1 ⑩) is installed securely.
- Take care to prevent the intake grille from falling whenever opening, closing, or removing it.
- When removing and replacing the air filters, be sure not to touch the heat exchanger, as personal injury may result.

Cleaning the Indoor Unit

- The intake grille may be removed for cleaning.
- Use a vacuum cleaner to remove accumulated dust, then wipe the outside cover with a clean cloth dipped in warm water; wipe dry with a clean dry cloth.

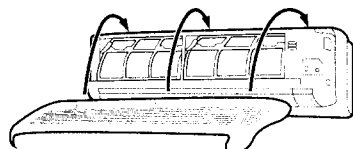
Removing the Intake Grille

- Place your fingers behind the front lower edges of the grille, and pull open fully. (The grille will not come off unless pulled fully open).
- Lift upward and off.



Replacing the Intake Grille

- Hold the grille diagonally to the main unit, and locate the three tabs on the top of the main unit.



- Swing the grille down and snap into place.

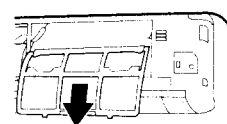
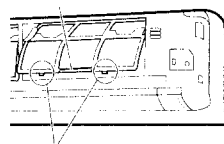
Cleaning the Air Filter

- Dust can be cleaned from the air filter either with a vacuum cleaner, or by washing the filter in a solution of mild detergent and warm water. If you wash the filter, be sure to allow it to dry thoroughly in a shady place before reinstalling.
- If dirt is allowed to accumulate on the air filter, air flow will be reduced, lowering operating efficiency and increasing noise.
- During periods of normal use, the air filters should be cleaned every two weeks.

Removing the Air Filter (Fig. 1 ⑪)

- ① Open the intake grille (Fig. 4).
- ② Hold the air filter handle and lift up slightly, releasing the two lower holding tabs, then pull out.

Air filter handle

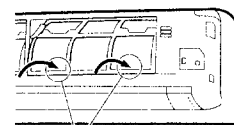
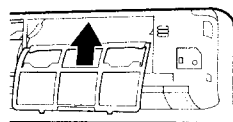


Hooks (two places)

(For purposes of example, the illustration shows the unit without the intake grille installed).

Reinstalling the Air Filter (Fig. 1 ⑫)

- ① Align the air filter with the panel and push in gently as far as it will go.
- ② Fasten the two lower holding tabs in the frame of the main unit panel.



Hooks (two places)

- ③ Close the intake grille (Fig. 4).

(For purposes of example, the illustration shows the unit without the intake grille installed).

When using the optional Air clean filter

- Install the optional air clean filter (model APS-04A).

- When used for extended periods, the unit may accumulate dirt inside, reducing its performance. We recommend that the unit be inspected regularly, in addition to your own cleaning and care. For more information, consult authorized service personnel.
- When cleaning the unit's body, do not use water hotter than 40°C, harsh abrasive cleansers, or volatile agents like benzene or thinner.
- Do not expose the unit body to liquid insecticides or hairsprays.
- When shutting down the unit for one month or more, first allow the fan mode to operate continuously for about one-half day to allow internal parts to dry thoroughly.

TROUBLESHOOTING

WARNING!

In the event of a malfunction (burning smell, etc.), immediately stop operation, disconnect the power supply plug, and consult authorized service personnel.

Merely turning off the unit's power switch will not completely disconnect the unit from the power source. Always be sure to disconnect the power supply plug or turn off your circuit breaker to ensure that power is completely off.

Before requesting service, perform the following checks:

	Symptom	Problem	See Page
NORMAL FUNCTIONS	Doesn't operate immediately:	● If the unit is stopped and then immediately started again, the compressor will not operate for about 3 minutes, in order to prevent fuse blowouts. ● Whenever the power supply plug is disconnected and then reconnected to a power outlet, the protection circuit will operate for about 3 minutes, preventing unit operation during that period.	—
	Noise is heard:	● During operation and immediately after stopping the unit, the sound of water flowing in the air conditioner's piping may be heard. Also, noise may be particularly noticeable for about 2 to 3 minutes after starting operation (sound of coolant flowing). ● During operation, a slight squeaking sound may be heard. This is the result of minute expansion and contraction of the front cover due to temperature changes.	—
	Smells:	● Some smell may be emitted from the indoor unit. This smell is the result of room smells (furniture, tobacco, etc.) which have been taken into the air conditioner.	—
	Mist or steam are emitted:	● During Cooling or Dry operation, a thin mist may be seen emitted from the indoor unit. This results from the sudden Cooling of room air by the air emitted from the air conditioner, resulting in condensation and misting.	—
	Airflow is weak or stops.	● The fan may operate at very low speed during Dry mode or when the unit is monitoring the room's temperature.	5
		● During super quiet operation, the fan will operate at very low speed.	10

TROUBLESHOOTING

	Symptom	Items to Check	See Page
CHECK ONCE MORE	Doesn't operate at all:	● Is the power supply plug disconnected from its outlet? ● Has there been a power failure? ● Has a fuse blown out, or a circuit breaker been tripped?	—
		● Is the main power switch set to the OFF position?	4
		● Is the timer operating?	8-9
	Poor Cooling (or Heating) performance:	● Is the air filter dirty? ● Are the air conditioner's intake grille or outlet port blocked? ● Did you adjust the room temperature settings (thermostat) correctly? ● Is there a window or door open? ● In the case of cooling operation, is a window allowing bright sunlight to enter? (Close the curtains.) ● In the case of Cooling operation, are there heating apparatus and computers inside the room, or are there too many people in the room?	—
		● Is the unit set for super quiet operation?	10
	The unit operates differently from the remote control unit's setting:	● Are the remote control unit's batteries dead? ● Are the remote control unit's batteries loaded properly?	4

If the problem persists after performing these checks, or if you notice burning smells, or the TIMER lamp (Fig. 3, ⑦) flashes, immediately stop operation, disconnect the Power Supply Plug (Fig. 1 ④), and consult authorized service personnel.

OPERATING TIPS

Operation and Performance

In Event of Power Interruption

AUTO Restart

- The air conditioner power has been interrupted by a power failure. The air conditioner will then restart automatically in its previous mode when the power is restored.
- Operated by setting before the power failure. Then, the airflow-direction louvers will automatically change to their standard direction.

- If a power failure occurs during timer operation, the timer will be reset and the unit will begin (or stop) operation at the new time setting. In the event that this (kind of timer fault occurs the TIMER indicator will flash (see Page. 3).
- Use of other electrical appliances (electric shaver, etc.) or nearby use of a wireless radio transmitter may cause the air conditioner to malfunction. In this event, temporarily disconnect the power supply plug, reconnect it, and then use the remote control unit to resume operation.

OPERATING TIPS

Temperature and Humidity Range

	Cooling Mode	Drying Mode
Outdoor temperature	About 21-43°C	About 21-43°C
Indoor temperature	About 18-32°C	About 18-32°C
Indoor humidity	About 80% or less If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath.	If the unit is used for long periods under high-humidity conditions, condensation may form on the surface of the indoor unit, and drip onto the floor or other objects underneath.

- If the air conditioner is used under higher temperature conditioner than those listed, the built-in protection circuit may operate to prevent internal circuit damage. Also, during cooling and dry modes, if the unit is used under conditions of lower temperature than those listed above, the heat-exchanger may freeze, leading to water leakage and other damage.
- Do not use this unit for any purposes other than the cooling, dehumidifying, and air-circulation of rooms in ordinary dwellings.

SPECIFICATION

MODEL

INDOOR UNIT RSW-77
OUTDOOR UNIT ROW-77
TYPE COOLING MODEL

POWER 220-240 V~50 Hz

COOLING

CAPACITY 1.95-1.95 kW
INPUT POWER 0.590-0.635 kW
CURRENT 2.8-2.9 A
ENERGY EFFICIENCY RATIO 3.31-3.07

MAX. PRESSURE

SUCTION 680 kPa
DISCHARGE 2600 kPa

REFRIGERANT R22 700 g

DIMENSIONS & WEIGHT

INDOOR UNIT

Height/Width/Depth 245/815/160 mm
Weight 7.5 kg (NET)

OUTDOOR UNIT

Height/Width/Depth 530/640/250 mm
Weight 26 kg (NET)

- Acoustic Noise Information :
The maximum sound pressure level is less than 70 dB (A) for both indoor unit and outdoor unit.
According to IEC 704-1 and ISO 3744.