Safety Precautions

To prevent personal injury to others, or property damage, read this section carefully before you use this product, and be sure to comply to the following safety precautions.

Incorrect operation due to failure to follow the instructions may cause harm or damage, the seriousness of which is classified as follows:

**WARNING**

- 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 anything into the Airflow direction.
- Do not start and stop air conditioner operation by disconnecting the power supply cord.
- Take care not to damage the power supply cord.
- If the power supply cord of this appliance is damaged, it should only be replaced by the authorized service personal, since special purpose tools and specified cord are required.
- In the event of a malfunction (burning smell, etc.), immediately stop operation, turn off the breaker, and consult authorized service personnel.
- In the event of refrigerant leakage, be sure to keep away from fire or any flammables. (consult an authorized service personnel)

**CAUTION**

- Provide occasional ventilation during use.
- Do not direct airflow at fireplaces or heating apparatus.
- Do not climb on, or place objects on, the air conditioner.
- Do not set flower vases or water containers on top of air conditioners.
- Do not place any other electrical products or household belongings under indoor unit or outdoor unit. Dripping condensation from the unit might get them wet, and may cause damage or malfunction of your property.
- 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 airflow.
- Do not drink the water drained from the air conditioner.
- Do not set the aluminum fins of heat exchanger built-in the indoor or outdoor unit to avoid personal injury when you install or maintain the unit.
- Connection valves become hot during Heating; handle with care.
- 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 40 in. (1 m) 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.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
Indoor Unit Overview and Operations

1 Intake grille
Before starting operation, make sure that the intake grille has been shut completely. Incomplete closing may have an effect on the proper function or performance of the product.

2 MANUAL AUTO button
Use when the remote controller is lost or there is a malfunction.

<table>
<thead>
<tr>
<th>Status</th>
<th>Action</th>
<th>Mode or operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>In operation</td>
<td>Press more than 3 seconds.</td>
<td>Stop</td>
</tr>
<tr>
<td>Stopping</td>
<td>Press more than 3 seconds and less than 10 seconds.</td>
<td>AUTO</td>
</tr>
<tr>
<td></td>
<td>Press more than 10 seconds. (Only for servicing.*)</td>
<td>Forced cooling</td>
</tr>
<tr>
<td>After cleaning</td>
<td>Press less than 3 seconds.</td>
<td>Filter indicator reset</td>
</tr>
</tbody>
</table>

*: To stop forced cooling, press this button or START/STOP button on the remote controller.

3 Front panel

4 Human Sensor
Used for Energy Saving Program. Controls temperature setting by detecting people in the room.

5 Vertical airflow direction louver
Each time you press Vertical SET button on the remote controller, the angle of the vertical airflow direction louver moves as follows:

<table>
<thead>
<tr>
<th>COOL or DRY mode</th>
<th>HEAT mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

*: Default setting in each mode.

- Do not adjust by hand.
- At the beginning of AUTO or HEAT mode, they may stay on position 1 for a while for adjustment.
- If the angle is set to position 5-8 for more than 30 minutes in COOL or DRY mode, the louver will automatically return to position 4.
- Keeping the position 5-8 during COOL or DRY mode may cause condensation to form, and the drops may damage your property.

6 Power diffuser
In conjunction with movement of the vertical airflow direction louver, the angle of the power diffuser moves as follows:

- In SWING operation, power diffuser does not move.

7 Horizontal airflow direction louver
Each time you press the Horizontal SET button on the remote controller, the airflow direction range of the horizontal airflow direction louver will change as follows:

<table>
<thead>
<tr>
<th>Horizontal airflow direction louver</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 4 1 2 3 14 2 3</td>
</tr>
</tbody>
</table>

*: Default setting.

8 Drain hose

9 Remote controller signal receiver

CAUTION
For appropriate signal transmission between remote controller and indoor unit, keep the signal receiver away from the following items:
- Direct sunlight or other strong lights
- Flat-panel television screen
In rooms with instantaneous fluorescent lights, such as inverter type ones, the signal may not be transmitted properly. In such a case, consult the store of purchase.

En-2 OPERATING MANUAL
Remote Controller Overview and Operations

**CAUTION**

- To prevent malfunction or damage of the remote controller:
  - Place remote controller at where will not be exposed to direct sunlight or excessive heat.
  - Remove batteries if the product is not going to be used for an extended period.
  - Exhausted batteries must be removed immediately, and be disposed according to the local laws and regulations of your region.
- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately rinse with plenty of clean water, and consult your physician.
  - Obstacles such as a curtain or wall between the remote controller and the indoor unit may affect the appropriate signal transmission.
  - Do not apply strong shocks to the remote controller.
  - Do not pour water on the remote controller.
  - Do not attempt to recharge dry batteries.

**Battery (R03/LR03/AAA × 2) loading and remote controller preparation**

1. Press CLOCK ADJUST button to start clock setting.
2. Set the day of the week by pressing SELECT button (Monday to Sunday). *By pressing the TEMP. (△/▽) buttons, the time indicator can be changed from a 24-hour to a 12-hour clock.
3. Press NEXT button to continue.
4. Set the time by pressing SELECT button. Pressing △ or ▽ changes the value by the minute. Pressing down △ or ▽ changes the value by 10 minutes.
5. To complete, press the SEND button close to the indoor unit. Settings may not be properly sent if pressed from a distance.

**Notes:**

- Use specified type of batteries only.
- Do not mix different types or new and used batteries together.
- Batteries can be used about 1 year in ordinary use.
- If the remote control range noticeably shortens, replace the batteries, and press RESET button as shown in page 4.

**Remote Controller Overview and Operations**

You can quickly start operation with the following 3 steps:

1. **START/STOP button**
2. **MODE button**

Switches operation mode in following order.

AUTO → COOL → DRY → FAN → HEAT

**Notes in HEAT mode:**

- At the beginning of the operation, the indoor unit operates at very low fan speed for about 3–5 minutes for preparation, then switches to the selected fan speed.
- Automatic defrosting operation overrides the heating operation when necessary.

3. **TEMP. (temperature) buttons**

Sets the desired temperature.

In COOL or DRY mode, the temperature needs to be set lower than the current room temperature. In HEAT mode, the temperature needs to be set higher than the current room temperature.

Otherwise, corresponding operation mode may not start.

**Temperature setting range**

<table>
<thead>
<tr>
<th>Operation Mode</th>
<th>Temperature Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUTO/COOL/DRY</td>
<td>64–88°F (18–30 °C)</td>
</tr>
<tr>
<td>HEAT</td>
<td>60–88°F (16–30 °C)</td>
</tr>
</tbody>
</table>

**Notes:** Temperature control is not available in FAN mode.

To change the temperature unit:

1. Press the TEMP. (Up) button (△) for at least 5 seconds to display the current temperature unit. (Factory setting: °F)
2. Press the TEMP. buttons (△/▽) to switch the temperature unit. (°F ↔ °C)
3. With either of pressing the START/STOP button or no additional button operation for 30 seconds in step 2., the temperature unit currently selected will be set.

(continued)
Remote Controller Overview and Operations

4 Remote controller display
In this section, all the possible indicators are displayed for description. In actual operation, the display is linked with the button operation, and only shows the necessary indicators for each setting.

5 POWERFUL button
Activates the POWERFUL operation. The unit will operate at maximum power and strong airflow to quickly cool down or warm up the room.
When activated, the indoor unit will emit 3 short beeps.
To turn off, press the POWERFUL button again. The indoor unit will then emit 2 short beeps.
POWERFUL operation is automatically turned off in the following situations:
- Adjusted room temperature reaches the set temperature in COOL, DRY, or HEAT mode.
- 20 minutes have passed after the POWERFUL operation mode has been set.

Even in situations above, the POWERFUL operation will not automatically turn off unless it has run for a certain amount of time.

Notes:
- The airflow direction and the fan speed are controlled automatically.
- This operation cannot be performed simultaneously with ECONOMY operation.
- POWERFUL operation will override the OUTDOOR UNIT LOW NOISE, ENERGY SAVING functions. Both functions, if set, will start after the POWERFUL operation is turned off.

6 MIN. (MINIMUM) HEAT button
Starts MIN. HEAT operation that maintains the room temperature at 50 °F (10 °C) so as to prevent the room temperature to drop too low.
When you press the button to start the MIN. HEAT operation, the indoor unit emits 2 short beeps and the ECONOMY indicator (green) turns on.

Notes:
- In MIN. HEAT operation mode, only vertical airflow direction can be adjusted by using SET button.
- HEAT mode will not be performed if the room temperature is warm enough.

7 Signal transmitter
Aim at the signal receiver of the indoor unit properly.
- Signal transmit indicator 1 on the remote controller display shows that the signal from the remote controller is being transmitted.
- Operating range is approximately 22 ft (7 m).
- You will hear a beep if the transmitted signal has been sent properly.
If there is no beep, press the button on the remote controller again.

8 FAN button
Controls the fan speed.
AUTO (HIGH) (MED) (LOW) (QUIET)

When AUTO is selected, the fan speed is automatically adjusted according to the operation mode.

9 SWING button
Sets the automatic swing operation. Each time the SWING button is pressed, the operation will change.
Up/down Left/right Up/down/Left/right Stop swing

- The Left/right swing operation will follow the direction as shown on page 2 “Horizontal airflow direction louver”
- The Up/down Swing operation range will differ by mode as follows:

1 COOL, DRY, or FAN mode
2 HEAT or FAN mode
3 4 5 6 7 8

Notes:
- SWING operation may stop temporarily when the indoor unit fan is rotating at very low speed or is stopped.
- In FAN mode, the Up/down swing operation range of 1 ↔ 5 or 6 ↔ 8 is decided according to the airflow direction previously set before starting the swing operation.

10 Vertical SET button
Adjusts the vertical airflow direction.

11 Horizontal SET button
Adjusts the horizontal airflow direction.

12 WEEKLY timer button
Activates the WEEKLY timer for a maximum of 4 on or off programs per day, each day of the week.

13 SLEEP timer button
Activates the SLEEP timer that helps you to fall asleep comfortably with gradual temperature control.

14 ON/OFF timer button
Activates the ON/OFF timer.

15 NEXT button
Used for adjusting the timer setting.

16 BACK button
Used for adjusting the timer setting.

17 RESET button
When you press the RESET button, press it gently by using the tip of a ballpoint pen or other small object in correct direction as shown in this figure.

18 CLOCK ADJUST button
Used for adjusting the clock.

19 SEND button
Used for sending the timer/clock setting.

20 TIMER SETTING button
Used to enter the timer setting mode.

21 SELECT button
Used for adjusting the clock or timer.

22 OUTDOOR UNIT LOW NOISE button
Starts or stops OUTDOOR UNIT LOW NOISE operation that lowers noise generated from the outdoor unit by cutting down the rotation number of the compressor, and suppressing the fan speed.

Once the operation is set, the setting is preserved until you press this button again to stop the operation, even if the indoor unit operation is stopped.

LOW NOISE on the remote controller display shows that the unit is in OUTDOOR UNIT LOW NOISE mode.

Notes:
- This operation cannot be performed simultaneously with FAN, DRY and POWERFUL operation modes.

23 ECONOMY button
Starts or stops ECONOMY operation that saves more electricity than other operation modes by changing the set temperature to a moderate setting.
By pressing the ECONOMY button, the ECONOMY indicator on the indoor unit turns on.
- In COOL or DRY mode, the room temperature will be adjusted a few degrees higher than the set temperature.
- In HEAT mode, the room temperature will be adjusted a few degrees lower than the set temperature.

Notes:
- In COOL, HEAT, or DRY mode, the maximum output of this operation is approximately 70 % of usual air conditioning operation.
- This operation cannot be performed during temperature monitoring by AUTO mode.

En-4 OPERATING MANUAL
Remote Controller Overview and Operations

Remote controller custom code setting

Use the following steps to select the custom code of the remote controller. (Note that the air conditioner cannot receive a custom code if the air conditioner has not been set for the custom code.)

1. Press the START/STOP button until only the clock is displayed on the remote controller display.
2. Press the MODE button for at least five seconds to display the current custom code (initially set to A).
3. Press the SET TEMP. (A \ V) button to change the custom code between A → B → C → D.
4. Press the MODE button again to return to the clock display. The custom code will be changed.

If no buttons are pressed within 30 seconds after the custom code is displayed, the system returns to the original clock display. In this case, start again from step 1.

Timer Operation

Note for timer settings:
Any interruption of the power supply, such as a blackout or cutting off of a circuit breaker, makes the set internal clock go wrong. In such a case, the TIMER indicator on the indoor unit blinks, and you need to readjust the setting.

ON timer or OFF timer

You can set the ON timer or OFF timer with the following steps.

1. Press the TIMER SETTING button to start the setting. The WEEKLY indicator will be flashing on the remote controller.
2. Press the SELECT button to choose the desired mode. The mode will change as follows:
   - WE昆仑KL: ON/OFF (ON) ON/OFF (OFF) ON/OFF (ON→OFF) SLEEP (OFF)
3. Press the NEXT button. Continue to setting for each mode.
   - To cancel timer setting during the setting process, press the TIMER SETTING button again.
4. Adjust the time by pressing the SELECT button while the clock indicator is blinking. Each time you press the button, the time will change by +5/-5 minutes. Pressing down will change the time by +10/-10 minutes.
5. Press the SEND button.

To redo the timer setting, perform step 1 to 5 again.
To cancel the ON/OFF timer, press the ON/OFF button while the ON/OFF indicator is on. (Erases the indicator)
Timer Operation

### SLEEP timer

To set the SLEEP timer, first follow steps 1~3 for the ON/OFF timer.

4. Adjust the time by pressing the SELECT button while the clock indicator is blinking. Each time you press the button, the time changes as follows:

- 1 min
- 1 hour
- 1.5 hour
- 2 min (30 min)
- 3 min
- 4 min
- 5 min
- 1 hour
- 2 hour
- 3 hour
- 4 hour
- 5 hour
- 6 hour
- 8 hour
- 12 hour

5. Press the SEND button.

To cancel the SLEEP timer, press the SLEEP button while the SLEEP indicator is on. (Erases the indicator)

To help you to fall asleep comfortably and prevent excessive warming or cooling in sleep, the SLEEP timer controls the temperature setting automatically in accordance with the set time shown as follows. The air conditioner completely turns off after the set time has elapsed.

#### WEEKLY timer

ON and OFF timer can be combined, and up to 4 reservations (program 1~4) per day and 28 reservations per week. Before setting the program, please set the week and time of the air conditioner first. If the week and time are not set, the weekly timer will not operate correctly at the set time. Please refer to "remote controller preparation" (page 3).

**Example of WEEKLY timer 1**

<table>
<thead>
<tr>
<th>Monday to Friday</th>
<th>Saturday</th>
<th>Sunday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Program 1 7:00 ON 76°F (24 °C) 9:00 OFF</td>
<td>No timer settings</td>
<td>Program 1 ON 9:00</td>
</tr>
<tr>
<td>Program 2 7:00</td>
<td></td>
<td>Program 2 ON 11:00</td>
</tr>
<tr>
<td>Program 3 17:00 ON 80°F (26 °C) 23:00 OFF</td>
<td></td>
<td>Program 3 ON 17:00</td>
</tr>
<tr>
<td>Program 4</td>
<td></td>
<td>Program 4 OFF 23:00</td>
</tr>
</tbody>
</table>

*Wake up* Leave for work *Come back home* Go to sleep

**Example of WEEKLY timer 2**

You can specify a given temperature in the ON setting in WEEKLY timer.

| Program 1 7:00 ON 72°F (22 °C) | Program 2 10:00 ON 76°F (24 °C) | Program 3 17:00 ON 80°F (26 °C) | Program 4 23:00 ON 72°F (22 °C) |

*Notes:

- Operations modes other than the temperature setting will be the same at the last time operation was stopped, so Cooling → Heating → Cooling → Heating type of operations cannot be automatically set.
- If you set the ON timer and OFF timer on the same time, the air conditioner will run the ON timer. If two OFF timer are set at the same time, the air conditioner will run in the order of the program number.

- If there is a power interruption, such as due to a power outage during the WEEKLY timer setting or a circuit breaker cutting out, the internal timer of the air-conditioning will be incorrect. (See page 7 "Auto-restart"). In such a case, the main timer lamp will notify you of this by flashing, so carry out matching of the time and date. (See page 3 "remote controller preparation").
- You cannot use the WEEKLY timer together with the other timers.
- If you want to run the product on WEEKLY timer after using the ON/OFF Timer, Program Timer, or SLEEP Timer while the WEEKLY timer is running, you need to activate the WEEKLY timer again.

**Notes:**

- When canceling the WEEKLY timer, select No Timer Operation in Step 5 in the WEEKLY timer setting.
- If you want to go back to the previous step when configuring settings, press the BACK button to return to the previous step.
- Press the SEND button, when you are close to the main unit. If you do so when far from the main unit, the signal may not get properly sent, and the settings may not get properly configured.
- To check the schedule, repeat steps 1 to 3 to enter the WEEKLY timer mode, then use the SELECT button to browse through the WEEKLY timer settings in the order shown in step 4.
- To cancel the WEEKLY timer, press the WEEKLY button while the WEEKLY indicator is on. (Erases the indicator)

---

**En-6 OPERATING MANUAL**
Human Sensor (Energy Saving)

To prevent waste of electricity, this function controls the temperature setting when no one is occupying the room. Energy Saving program is on at the time of purchase.

1. To activate the Energy Saving program, press the SENSOR button. **[ENERGY SAVING]** indicator will be flashing on the remote controller display.
2. To deactivate the Energy Saving program, press the SENSOR button again. **[ENERGY SAVING]** will no longer be shown on the remote controller display.

**About the ENERGY SAVING Operation**

If no one enters the room for approximately 20 minutes, the set temperature will be automatically controlled. (When someone comes back into the room, the human sensor will detect this, and automatically revert to the original settings.)

<table>
<thead>
<tr>
<th>Operation mode</th>
<th>Operating details (if there is no one in the room for a while)</th>
</tr>
</thead>
<tbody>
<tr>
<td>COOL/DRY</td>
<td>The set temperature will be increased by a maximum of approximately 4°F (2°C).</td>
</tr>
<tr>
<td>HEAT</td>
<td>The set temperature will be decreased by a maximum of approximately 8°F (4°C).</td>
</tr>
<tr>
<td>AUTO</td>
<td>This runs the ENERGY SAVING function automatically for the selected mode (Cooling/ Heating/ Drying).</td>
</tr>
</tbody>
</table>

- When using together with the SLEEP timer (page 6), the SLEEP timer will be prioritized.
- During MIN. HEAT operation, if there is no one in the room the set temperature will not be changed.

**Notice**

- Since the human sensor detects infrared light given out by people, there may be cases where this detection is incorrect.

**Situations in which the sensor will detect no people in the room, even when there is someone there**

- When the temperature is high and the difference with between people's body temperature is small. (Such as during the summer when the temperature is 88°F (30°C) or higher)
- When there is someone in the room, but they do not move for a long period of time.
- When someone is hidden behind a sofa, other furniture, glass, or in similar situations.
- When someone is wearing extremely thick clothing and has their back facing the sensor.

**Situations in which the sensor will incorrectly detect people in the room, even when there is no one there**

- When there is a dog or a cat moving around in the room.
- When the wind is making curtains or plants move.
- When there are heating units, humidifiers, or electric appliances such as oscillating electric fans operating.

**General Informations on Operation**

**Automatic defrosting operation**

When outdoor temperature is very low with high humidity, frost may form on the outdoor unit during the heating operation, and it could reduce the operating performance of the product. For frost protection, a microcomputer-controlled automatic defrost function is equipped in this air conditioner. If frost forms, the air conditioner will temporarily stop, and defrost circuit will operate briefly (maximum of 15 minutes.) OPERATION indicator on the indoor unit blinks during this operation. If frost forms on the outdoor unit after the heating operation, the outdoor unit will stop automatically after it operates for a few minutes. Then the automatic defrosting operation starts.

**Auto-restart function**

In event of power interruption such as a blackout, the air conditioner stops once. But it restarts automatically and performs previous operation when the power supply is resumed. If any power interruption occurs after the timer is set, counting down of the timer will be reset. After the power supply is resumed, the TIMER indicator on the indoor unit blinks to notify you that there has been a timer fault. In such a case, reset the timer for your opportune time.

**Malfunctions caused by other electrical devices:**

Use of other electrical appliances such as an electric shaver or nearby use of a wireless radio transmitter may cause the malfunction of the air conditioner. If you encounter such a malfunction, turn off the circuit breaker once. Then turn it on again, and resume operation by using the remote controller.
Cleaning and Care

**CAUTION**

- Before cleaning the indoor unit, be sure to turn it off and all the power supply has been disconnected.
- Before starting operation, make sure that the intake grille has been shut completely. Incomplete closing of the intake grille might have an effect on the proper working or performance of the air conditioner.
- Do not touch the aluminum fins of heat exchanger built-in the indoor unit to avoid personal injury when you maintain the unit.
- Do not expose the indoor unit to liquid insecticides or hair sprays.
- Do not stand on slippery, uneven or unstable surfaces when you maintain the unit.

**Daily care**

When cleaning the indoor unit body, mind the following:
- Do not use water hotter than 104 °F (40 °C).
- Do not use scouring cleanser, volatile solvents such as benzene or thinner.
- Wipe the unit gently by using soft cloth.

**Cleaning the intake grille**

1. Open the intake grille in direction of the arrow A. While gently pressing the left and right mounting shafts of the intake grille outward B, remove the intake grille in direction of the arrow C.

2. Wash the intake grille gently with water or wipe it gently with a soft cloth moisten with warm water. Then wipe it with a dry and soft cloth.

3. While holding the grille horizontal, set the left and right mounting shafts into the pillow blocks at the top of the panel D. To latch each shaft properly, insert the shaft until it snaps. Then close the intake grille E.

4. Press 4 places on the intake grille to close it completely.
Cleaning and Care

Cleaning the air filters
Mind that you have a periodical cleaning of the air filters to prevent reducing the operation efficiency of the product. Using of clogged air filter with dust will lower the product performance, and may cause airflow reduction or increase of operating noise. Clean the air filters once every 2 weeks under normal use.

1. Open the intake grille.
   (Refer to ① of step 1 in “Cleaning the intake grille”.)
2. While holding the intake grille with your hand, pull up the handle ② of the filter in direction of the arrow and release the 2 claws ③. Then pull the filter out with gently sliding it downward ④.
3. Filter holder and air cleaning filter are attached on the rear side of the air filter. Remove them from the air filter by unlatching each corner of the filter holder ⑤.
4. Remove dust by using a vacuum cleaner or by washing the filter. When you wash the filter, use neutral household detergent and warm water. After rinse the filter well, dry it thoroughly in a shaded place before you reinstall it.
5. Attach the air cleaning filter and the filter holder to each air filter.
6. Attach the air filter with aligning both side of the filter with the front panel, and push in the filter fully.
   Note: Make sure that 2 claws are firmly snapped to the guide holes on the panel.
7. Close the intake grille firmly.
   (Refer to step 4 in “Cleaning the intake grille”.)

Replacing the air cleaning filter
1. Remove the air filter. (Refer to step 1 in “Cleaning the air filter”.)
2. Release 2 latches ② of the filter holder, and turn over the holder in direction of arrow ③.
   Note: Air cleaning filter is attached on each air filter.
3. Attach new or maintained air cleaning filter ④ to the filter holder. New air cleaning filter can be attached to either of the right holder or the left holder.
4. Latch 2 corners of the filter holder ① to the air filter firmly.
5. Reinstall the air filter. (Refer to step 6 in “Cleaning the air filter”.)
6. Close the intake grille firmly.
   (Refer to step 4 in “Cleaning the intake grille”.)

Following 2 types of air cleaning filters are used in this product. When you replace them, purchase dedicated air cleaning filters for this product.

APPLE-CATECHIN FILTER: UTR-FA16
(1 sheet)
With using static electricity, purifies the air by removing fine particles or dust such as tobacco smoke or plant pollen.
• This filter is disposable. Do not wash or reuse it.
• Once you open the package, use it as soon as possible. The cleaning effect is reduced if the filter is left the package opened.
• Replace the filter once every 3 months under normal use.
• With setting the fan speed high, the air cleaning effect increases.

ION DEODORIZION FILTER (light blue): UTR-FA16-2
(Light blue, 1 sheet)
Contained super micro-ceramic particles produce negative air ions, that is considered to have deodorizing effect, absorb and reduce room smell.
• To maintain the deodorizing effect, clean the filter once every 3 months as follows:
  1. Remove the ion deodorization filter.
  2. Flush the filter with high-pressure hot water until the surface of the filter is covered with water.
  3. Wash the filter gently with diluted neutral detergent. Do not wash it by wringing or rubbing to prevent reducing the deodorizing effect by damage.
  4. Rinse the filter well with water flow.
  5. Dry the filter thoroughly in shaded place.
  6. Reinstall the ion deodorization filter to the indoor unit.
• Replace the filter once every 3 years under normal use.

After extended non-use of the unit
If you have shut down the indoor unit for 1 month or more, perform the FAN operation for half a day to dry the internal parts thoroughly before you perform normal operation.

Additional inspection
After long period of use, accumulated dust inside the indoor unit may reduce the product performance even if you have maintained the unit with instructed daily care or cleaning procedures written in this manual. In such a case, the product inspection is recommended.
For more information, consult authorized service personnel.
Troubleshooting

**WARNING**

In following events, immediately stop operation of the air conditioner, and disconnect all the power supply by turning off the electrical breaker or disconnect the power plug. Then consult your dealer or authorized service personnel.

- Unit smells of something burning or emits smoke
- Water leaks from the unit

As long as the unit is connected to the power supply, it is not insulated from the power supply even if the unit is turned off.

### Following symptoms do not indicate the product malfunction, but they are normal functions or characteristics of this product.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
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<tbody>
<tr>
<td>Operation is delayed after restart.</td>
<td>To prevent blowout of the fuse, the compressor will not operate during the protection circuit is working for about 3 minutes after sudden OFF→ON operation of the power supply.</td>
<td>–</td>
</tr>
</tbody>
</table>
| Noise is heard.                     | • During the operation or immediately after stopping the air conditioner, refrigerant flowing sound may be heard. And it is particularly noticeable for 2–3 minutes after starting operation.  
• During the operation, a slight squeaking sound produced by the minute expansion and contraction of the front panel caused by temperature change may be heard.  
During heating operation, a sizzling sound produced by the automatic defrosting operation may be heard. | –        |
| Smell coming from the unit.         | Absorbed room smell generated from interior textile, furniture, or cigarette smoke into the air conditioner may be emitted. | –        |
| Mist or steam is emitted from the unit. | In COOL or DRY mode, a thin mist generated by condensation formed with sudden cooling process may be emitted.  
During heating operation, the fan built-in the outdoor unit may stop and rising steam generated by the automatic defrosting operation may be seen. | –        |
| Airflow is weak or stops.           | • Immediately after the heating operation is started, the fan speed stays temporarily very low to warm up the internal parts of the unit.  
• In HEAT mode, the outdoor unit stops and the indoor unit operates at very low fan speed if the room temperature rises above the set temperature.  
In HEAT mode, the indoor unit temporarily stops for maximum of 15 minutes to perform the automatic defrosting operation while the OPERATION indicator is flashing.  
In DRY mode, the indoor unit operates at low fan speed to adjust the room humidity, and may stop from time to time.  
When the fan speed is set to “QUIET”, the fan rotates at very low speed and the airflow is reduced.  
When monitoring operation is performed in AUTO mode, the fan rotates at very low speed. | –        |
| Outdoor unit emits water.           | During heating operation, the outdoor unit may emit water generated by the automatic defrosting operation. | –        |

### Before you call for or request servicing, troubleshoot a problem by performing following checks:

<table>
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<tr>
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| Does not operate at all.            | □ Has the circuit breaker been turned off?  
□ Has there been a power outage?  
□ Has a fuse blown out or the circuit breaker been tripped?  
□ Is the timer operating? | –        |
| Poor cooling or heating performance. | □ Is the air filter dirty?  
□ Is the intake grill or outlet port of indoor unit blocked?  
□ Is the room temperature adjusted appropriately?  
□ Is a window or door left open?  
□ Is direct or strong sunlight shining into the room in cooling operation?  
□ Are there other heating apparatus or computers operating, or too many people in the room in cooling operation?  
□ Is the fan speed set to “QUIET”?  
When the fan speed setting is set to “QUIET”, noise reduction is prioritized and the air-conditioning performance may become lower. If the volume of provided airflow is not agreeable to your preference, set the fan speed to “LOW” or higher fan speed. | –        |
| The unit operates differently from the remote controller setting. | □ Are the batteries used in the remote controller exhausted?  
□ Are the batteries used in the remote controller loaded properly? | 3        |

Immediately stop operation and turn off the electrical breaker in following cases. Then consult authorized service personnel.

- The problem persists even if you perform these checks or diagnostics.
- The OPERATION indicator and TIMER indicator blink while the ECONOMY indicator is blinking fast.