1 SAFETY PRECAUTION

- Do not install, remove and reinstall the unit yourself. Improper installation may cause leakage, electric shock or fire. Please engage an authorized dealer or specialist for the installation work.
- The room air conditioner must be earthed.
- Do not touch or operate with wet hands.
- Do not stand on or near the unit while operating.
- Do not dissemble, modify, or perform maintenance on your own.
- The wiring method should be in line with the local wiring standard.
- The air conditioner contains R410a refrigerant and requires certified technicians to use proper procedures, tools, and safety standards that are approved for this refrigerant. Use only equipment certified for R410a refrigerant.
- After installation, the power plug should be easily reached.
- The wiring method should be in line with the local wiring standard.
- The air conditioner contains R410a refrigerant and requires certified technicians to use proper procedures, tools, and safety standards that are approved for this refrigerant. Use only equipment certified for R410a refrigerant.
- All refrigerant must be properly removed from the air conditioner prior to disposal.

2 AIR CONDITIONER OPERATION

2.1 Machine body
- Front panel
- Air outlet (indoor side)
- Air inlet (indoor side)
- Air filter (inside)
- Operation panel
- Power plug
- Air inlet (outdoor side)

2.2 Part Indentification

1. Air filter cleaning
- When dirt accumulates on air filter, air circulation will be blocked, which causes poor cooling. It is advisable to clean air filter every two weeks for longer operation.
- 1. Turn off the air conditioner.
- 2. Grasp the filter handle and pull the filter out. The filter will slide out easily.
- 3. Gently tap the dirt off the air filter.
- 4. Carefully wash air filter in warm water (below 40°C). To obtain better cleaning effect, soap water or neutral detergent may be used.
- 5. Flush air filter carefully with clean water after removing dirt. Let it dry completely.

2. Airflow Direction
- The air directional louver lets you control the direction of the airflow. The airflow can be directed left to right.
- 1. This switch controls the preset evaporator temperature to make the air conditioner start or stop automatically, as so as to reduce power consumption and operate the system both comfortably and economically.
- 2. The compressor stops running when the set temperature is reached but the fan continues to operate to keep an even indoor temperature.
- 3. Note:
   - Do not operate your air conditioner in the Cool mode when outside temperature is below 18°C. The inside evaporator coil will freeze up, and the air conditioner will not operate properly.

3 CARE AND MAINTENANCE

1. Air filter cleaning
- It is advisable to clean air filter every two weeks for longer operation. (You will find how to clean the filter on page 2.)

2. Notes
- Avoid opening doors and windows unless necessary.
- Don’t be exposed to cold air for a long time.
- Set temp. a little bit higher before going to bed.
- Keep heat source away from air conditioner.
- Air filter cleaning: Before cleaning, turn off the power.

Operation panel
- The Power switch turns the air conditioner on or off.
- NORMAL FAN: Press the SPEED switch to either HI or LOW
- NORMAL COOL: Press the SPEED switch to either HI or LOW
- QUIETER OPERATION: Press the SPEED switch to LOW
- Set the thermostat control to MAX COOL mark.
- QUIETER OPERATION: Press the SPEED switch to LOW
- Set the thermostat control as needed.

The Po
er switch turns the air conditioner on or off.

The Power switch turns the air conditioner on or off.

The Power switch turns the air conditioner on or off.

The Power switch turns the air conditioner on or off.
**SELECTION OF THE INSTALLATION POSITION**

1. The air-conditioner is better installed in shadow or in a place with short period of sunshine. In case the air-conditioner is installed at the point exposed directly to the sunshine, it should be protected from the direct sunlight as possible in order to avoid the long time of direct sunlight otherwise its performance will be lowered. (As illustrated in Fig. 1).

2. For the convenience of operation, it is recommended that air-conditioner be installed at least at the height of 760-1300 mm above the floor and no obstacles before it for a free airflow.

3. The shutters at both sides and the top of air-conditioner should be protruded outdoors free from being blocked by wall, window, etc. (As illustrated in Fig. 2).

4. To have an efficient drainage, the back part of the air-conditioner should be inclined downward by 5-10mm (As illustrated in Fig. 3).

**NOTES:**

For longer and trouble-free operation of the unit, pay special attention to the following:

- Install air-con at a place strong enough to support the unit.
- Leave enough space around air inlet and outlet for better circulation.
- Avoid places where flammable gas leaks.
- Problems may occur if unit is installed in the following places: Place where oil exists in the air including engine oil or seaside with salt breeze blows and hot spring area with sulphurous gas in the air.

**THE ENCLOSED ACCESSORIES OF THE CONDITIONER**

<table>
<thead>
<tr>
<th>Name</th>
<th>Manual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure</td>
<td>cover support</td>
</tr>
</tbody>
</table>

**PREPARATIONS BEFORE INSTALLATION**

Make the wall hole or window hole (see Fig.1):

- MODEL A: 334mm
- MODEL B: 440mm

Prepare unit for installation:

Take out the conditioner and accessories from the package.

**INSTALLATION PROCEDURES**

1. Fix the prefabricated iron frame to stable position by expansible screws.
2. Put the whole machine with all the accessories installed on the iron frame.
3. Fill any distance between the wall hole and the machine body with flexible sponge rubber strip to prevent the entering of outer noise and the leaking of the coolness.
4. After installation of the conditioner, insert the power plug into the outlet and perform test-run.

**Cautions**

- Power cord: Be sure to use the exclusive power cord.
- Change installation place: If air-con need to be changed to another place please contact the dealer, who sold you the unit.
- Always use at the rated voltage and with specific air conditioning circuit.

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**A SELECTION OF THE INSTALLATION POSITION**

**THE ENCLOSED ACCESSORIES OF THE CONDITIONER**

**PREPARATIONS BEFORE INSTALLATION**

**INSTALLATION PROCEDURES**

**NOTE:**

Before calling for service.

Check the following points before calling for repairs or service.

<table>
<thead>
<tr>
<th>Phenomenon</th>
<th>Cause or check points</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Switch on the machine but it does not work immediately.</td>
<td>If the machine is started after stop, it will need about 3 minutes to re-start so as to prevent the fuse from break.</td>
<td></td>
</tr>
<tr>
<td>Switch on the machine but it does not work.</td>
<td>Is plug firmly inserted?</td>
<td>Readjust power supply</td>
</tr>
<tr>
<td></td>
<td>Is there power failure?</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Does fuse get burned?</td>
<td>Replace fuse.</td>
</tr>
<tr>
<td>The cooling effect is not good.</td>
<td>Is thermostat switch wrongly adjusted?</td>
<td>Readjust the thermostat.</td>
</tr>
<tr>
<td></td>
<td>Is there any direct sunlight in the room?</td>
<td>Use curtain or blind.</td>
</tr>
<tr>
<td></td>
<td>Are doors or windows left open?</td>
<td>Shut doors and windows.</td>
</tr>
<tr>
<td></td>
<td>Are there any obstacles blocking air inlet and outlet?</td>
<td>Remove the obstacles.</td>
</tr>
<tr>
<td></td>
<td>Is air filter clogged?</td>
<td>Clean it.</td>
</tr>
<tr>
<td></td>
<td>Is there too much heat source in the room?</td>
<td>Remove the heat source.</td>
</tr>
</tbody>
</table>

If problems can not be solved please pull out power plug and contact your dealer.