Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

Manufactured by:
Lot 2, Persiaran Tengku Ampuan, Section 21, Shah Alam Industrial Site, 40300 Shah Alam, Selangor, Malaysia.
Thank you for purchasing a Panasonic Air Conditioner

SAFETY PRECAUTIONS

Installation Precautions

Do not install, remove or reinstall the unit by yourself.
- Improper installation will cause leakage, electric shock or fire. Please consult an authorized dealer or specialist for the installation work.
- This equipment must be earthed and installed with ELCB. It may cause electrical shock or fire in case of malfunction.

Warning

This sign warns of death or serious injury.

Caution

This sign warns of injury or damage to property.

The instructions to be followed are classified by the following symbols:

- This symbol denotes an action that is PROHIBITED.

- These symbols denote actions that are COMPULSORY.

Operation Precautions

- Do not install the unit in a potentially explosive environment.
- This air conditioner must be grounded. Improper grounding will cause electric shock.
- Ensure that the drainage piping is connected properly. Otherwise, water will leak.
- Do not install power outlet.
- Do not modify power cord.
- Do not use an extension cord.
- Do not operate with wet hands.
- Do not insert fingers or other objects into the indoor or outdoor unit.
- Do not attempt to repair the unit by yourself.
- Do not use rechargeable (Ni-Cd) batteries.
- Keep the remote control away from infants and small children to prevent them from accidentally swallowing the batteries.

Warning

- Use specified supply cord.
- If the supply cord is damaged or needs replacement, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated to prevent malfunction of the remote control.
- In case of emergency or if an abnormal condition (burnt smell, etc) occurs, turn off the power supply.

Caution

- Do not share power outlet.
- Do not use an extension cord.
- Do not operate with wet hands.
- Do not insert fingers or other objects into the indoor or outdoor unit.
- Do not attempt to repair the unit by yourself.
- Do not use rechargeable (Ni-Cd) batteries.
- Keep the remote control away from infants and small children to prevent them from accidentally swallowing the batteries.

- Ventilate the room regularly.
- Pay attention as to whether the installation rack is damaged after a long period of usage.
- Do not install the unit in a potentially explosive environment.
- Do not sit on or place anything on the indoor or outdoor unit.
- Do not expose directly to cold air for a long period.
- Do not use rechargeable (Ni-Cd) batteries.
- Keep the remote control away from infants and small children to prevent them from accidentally swallowing the batteries.

Operation Condition (*C)

Use this air conditioner under the following temperature range.

<table>
<thead>
<tr>
<th>DBT: Dry Bulb Temperature</th>
<th>Indoor</th>
<th>Outdoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>WBT: Wet Bulb Temperature</td>
<td>DBT</td>
<td>WBT</td>
</tr>
<tr>
<td>Maximum Temperature</td>
<td>32</td>
<td>23</td>
</tr>
<tr>
<td>Minimum Temperature</td>
<td>16</td>
<td>11</td>
</tr>
</tbody>
</table>

Power Supply

<table>
<thead>
<tr>
<th>Time Delay Fuse</th>
<th>Rated Volts</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 Amps CS-C9DKK/CU-C9DKK</td>
<td>115V</td>
</tr>
<tr>
<td>25 Amps CS-C12DKK/CU-C12DKK</td>
<td></td>
</tr>
</tbody>
</table>
PRODUCT OVERVIEW

Indoor Unit

Outdoor Unit

Remote Control

Remote Control Preparation
1. Pull out
2. Insert batteries (AAA or R03)
3. Press CLOCK button
4. Set current time
5. Press again to confirm
   • Timer operation will be based on current time set.
   • The batteries can be used for approximately 1 year.
   • The batteries must be recycled or disposed of properly.

Remote Control Signal
• Make sure it is not obstructed.
• Maximum distances : 10m.
• Certain fluorescent lights may interfere with signal transmission. Consult your dealer.

Auto OFF/ON Button
• To operate the unit if the remote control is misplaced or malfunctioning.

<table>
<thead>
<tr>
<th>Action</th>
<th>Operation mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Press once</td>
<td>Automatic Operation</td>
</tr>
<tr>
<td>Press until “beep” sound</td>
<td>Cooling Operation</td>
</tr>
</tbody>
</table>

Troubleshooting
- Operation delayed for a few minutes after restart. ➤ This is a normal self protection function.
- Sound like water flowing during operation. ➤ Caused by refrigerant flow inside.
- Mist emerges from indoor unit. ➤ Condensation effect due to cooling process.
- Noisy during operations. ➤ Installation work could be slanted or front panel isn’t closed properly.
- Remote control/display does not work. ➤ Check whether batteries are correctly inserted or need replacement.
- The unit cannot operate. ➤ Check whether circuit breaker is tripped or timer is being used correctly.
- Outdoor unit emits water/steam. ➤ Condensation or evaporation has occurred at piping surface.
Operation Details

**AUTO - Automatic Operation**
- The unit will automatically select the operation mode according to the room temperature.
- Once the operation mode is selected, the unit will operate at the standard setting temperature as shown:

<table>
<thead>
<tr>
<th>Room temperature</th>
<th>Operation mode</th>
<th>Standard setting temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>23°C &amp; above</td>
<td>Cool</td>
<td>25°C</td>
</tr>
<tr>
<td>Below 23°C</td>
<td>Dry</td>
<td>22°C</td>
</tr>
</tbody>
</table>

- You may press ▲, or ▼ button to change the standard setting temperature to “HI” or “LO” as shown:

<table>
<thead>
<tr>
<th>Operation mode</th>
<th>HI</th>
<th>LO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cool</td>
<td>27°C</td>
<td>23°C</td>
</tr>
<tr>
<td>Dry</td>
<td>24°C</td>
<td>20°C</td>
</tr>
</tbody>
</table>

**COOL - Cooling Operation**
- Enables you to enjoy the cooling effect at your preferred setting temperature.
- The range of temperature can be selected from 16°C ~ 30°C.

**DRY - Soft Dry Operation**
- Allows you to set the desired temperature at low fan speed which enables you to dehumidify your surroundings.
- The range of temperature can be selected from 16°C ~ 30°C.

**Hint**
- To save electricity, close the curtains when using air conditioner to prevent sunlight and heat from coming in.

**Troubleshooting**
- The room has a peculiar odour.
  - This may be a damp smell emitted by the wall, carpet, furniture or clothing in the room.
- Air conditioner does not cool efficiently.
  - Ensure the temperature has been set correctly.
  - Ensure windows and doors have been closed properly.
  - Ensure filters are cleaned or replaced when necessary.
  - Ensure inlet and outlet vents of the unit have not been obstructed.

- Powerful, Quiet and Economy operations can be activated in all operation modes.
- Press off/on button again to stop the operation.
Powerful, Quiet, Economy, Fan Speed, Air Swing

**POWERFUL**
Enables powerful operation.

**QUIET**
Enables quiet operation.

**ECONOMY**
Enables economy operation.

**FAN SPEED**
Select fan speed.

**AIR SWING**
Adjust the vertical airflow direction louver.

- Powerful, Quiet and Economy operations cannot be activated at the same time.
- Powerful, Quiet and Economy operations can be cancelled by pressing the respective button again.

**Operation Details**

**POWERFUL**
- To achieve setting temperature quickly. It will operate for 15 minutes and return to the previous setting.

**QUIET**
- To provide a quiet environment.

**ECONOMY**
- To save electrical power consumption.
- Use when desired room temperature is reached.

**FAN SPEED**
- To provide you with various fan speed selections.
- There are 3 levels of fan speed in addition to automatic fan speed.
- Automatic fan speed: The speed of the indoor fan is automatically adjusted according to the operation.

**AIR SWING**
- To ventilate air in the room.
- There are 5 settings in addition to automatic vertical airflow direction.
- If automatic vertical airflow direction has been set, the louver swings up and down automatically.
- Please do not adjust the vertical airflow direction louver manually.
- Horizontal airflow direction louver can be adjusted manually.

**Hints**
- If you wish to have the cool air blowing directly on you, set the airflow direction downward but not for an excessive length of time, as it may harm your health.
- Electricity use can be reduced by approximately 10% if you set the temperature 1°C higher than the desired temperature during cooling operation.

**Troubleshooting**
- Indoor fan stops occasionally during Automatic Fan Speed setting.
  - This is an advanced feature that helps to remove smell from the surrounding area during operation.
HOW TO OPERATE

Timer

1. Select ON or OFF timer.
2. Set the desired time.
3. Confirm the setting.

CANCEL
Cancel the selected timer.

Ensure the clock on the remote control has been set correctly.

You can use the ON and OFF timers at the same time.

To cancel either the ON or OFF timer, press ON or OFF, then press CANCEL.

Hints
- Press CLOCK button for more than 10 seconds to change the time format from 24 hours to AM/PM format.
- For your convenience, you can set the air conditioner to operate automatically by using both ON and OFF timer.

Troubleshooting
- TIMER indicator always on.
- POWER indicator is blinking 15 minutes before ON timer is activated.
- Timer is activated and the setting will repeat itself daily.
- The unit is determining the operation mode by sensing the room temperature. This happens when it has been set to AUTO operation mode.
Clean the filter regularly as dirty filters will cause unpurified air, low cooling capacity, unpleasant smells and higher energy consumption.

The unit will become dirty and the performance of the unit will decrease after being used for several seasons. Please consult an authorized dealer to perform seasonal inspections in addition to regular cleaning.

This air conditioner is equipped with a built-in surge protective device. However, in order to further protect your air conditioner from being damaged by abnormally strong lightning activity, you may switch off the power supply.

### CARE & CLEANING

**Switch off the power supply before cleaning**

**AIR FILTER**
- Vacuum, wash and dry.

**SUPER ALLERU-BUSTER FILTER**
- Vacuum the super alleru-buster filter.

**FRONT PANEL**
- Raise and pull to remove. Wash and dry.

**INDOOR UNIT**
- Wipe gently.

**Hints**
- Do not use benzene, thinner or scouring powder.
- Use soaps or neutral household detergent (pH7) only.
- Do not use water warmer than 40°C.

**Washing Instructions**
- Wipe the unit gently with a soft, dry cloth.

**INDOOR UNIT**
- Wipe the unit gently with a soft, dry cloth.

**AIR FILTER**
- It is recommended that you clean the air filter once every 2 weeks.
- Purchase the replacement filter if it is damaged.
  - Part no.: CWD001144

**SUPER ALLERU-BUSTER**
- It is recommended to clean the filter every 6 months.
- Replace the filter every 3 years or purchase the replacement filter if it is damaged.
  - Part no.: CZ-SA14P

**Pre-season Inspection**
- This inspection is recommended before operating the air conditioner in every season.
- Check if the remote control batteries need to be replaced.
- Ensure there is no obstruction at all air intake and outlet vents.
- After the unit has been operating for 15 minutes, it is normal if the temperature difference between air intake and outlet vents at indoor unit is:

<table>
<thead>
<tr>
<th>Operation</th>
<th>Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling</td>
<td>&gt; 8°C</td>
</tr>
</tbody>
</table>

### Switch off the power supply before cleaning

- **FRONT PANEL**
  - Raise and pull to remove. Wash and dry.

- **AIR FILTER**
  - Vacuum, wash and dry.

- **SUPER ALLERU-BUSTER FILTER**
  - Vacuum the super alleru-buster filter.