# DAIKIN
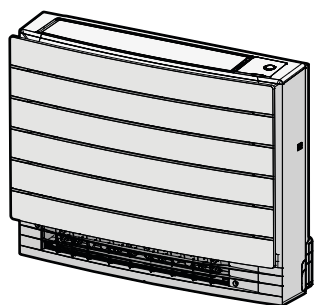
User reference guide

# Split system air conditioners

CVXM20A2V1B

FVXM25A2V1B
FVXM35A2V1B
FVXM50A2V1B

# Table of contents

# 1 About the documentation

## 1.1 About this document

Thank you for purchasing this product. Please:

▪ Keep the documentation for future reference.

**Target audience**

End users

> **i INFORMATION**
>
> This appliance is intended to be used by expert or trained users in shops, in light industry, and on farms, or for commercial and household use by lay persons.

**Documentation set**

This document is part of a documentation set. The complete set consists of:

▪ **General safety precautions:**
  - Safety instructions that you must read before operating your system
  - Format: Paper (in the box of the indoor unit)

▪ **Operation manual:**
  - Quick guide for basic usage
  - Format: Paper (in the box of the indoor unit)

▪ **User reference guide:**
  - Detailed step-by-step instructions and background information for basic and advanced usage
  - Format: Digital files on http://www.daikineurope.com/support-and-manuals/product-information/

Latest revisions of the supplied documentation may be available on the regional Daikin website or via your installer.

The original documentation is written in English. All other languages are translations.

# 2 General safety precautions

## 2.1 About the documentation

- The original documentation is written in English. All other languages are translations.
- The precautions described in this document cover very important topics, follow them carefully.
- The installation of the system, and all activities described in the installation manual and in the installer reference guide MUST be performed by an authorised installer.

### 2.1.1 Meaning of warnings and symbols

| | **DANGER** |
|---|---|
| | Indicates a situation that results in death or serious injury. |

| | **DANGER: RISK OF ELECTROCUTION** |
|---|---|
| | Indicates a situation that could result in electrocution. |

| | **DANGER: RISK OF BURNING/SCALDING** |
|---|---|
| | Indicates a situation that could result in burning/scalding because of extreme hot or cold temperatures. |

| | **DANGER: RISK OF EXPLOSION** |
|---|---|
| | Indicates a situation that could result in explosion. |

| | **WARNING** |
|---|---|
| | Indicates a situation that could result in death or serious injury. |

| | **WARNING: FLAMMABLE MATERIAL** |
|---|---|

| | **CAUTION** |
|---|---|
| | Indicates a situation that could result in minor or moderate injury. |

| | **NOTICE** |
|---|---|
| | Indicates a situation that could result in equipment or property damage. |

| | **INFORMATION** |
|---|---|
| | Indicates useful tips or additional information. |

Symbols used on the unit:

| Symbol | Explanation |
|---|---|
| | Before installation, read the installation and operation manual, and the wiring instruction sheet. |
| | Before performing maintenance and service tasks, read the service manual. |
| | For more information, see the installer and user reference guide. |
| | The unit contains rotating parts. Be careful when servicing or inspecting the unit. |

Symbols used in the documentation:

| Symbol | Explanation |
|---|---|
| | Indicates a figure title or a reference to it. **Example:** "⊞ 1–3 Figure title" means "Figure 3 in chapter 1". |
| | Indicates a table title or a reference to it. **Example:** "⊞ 1–3 Table title" means "Table 3 in chapter 1". |

# 3 User safety instructions

Always observe the following safety instructions and regulations.

## 3.1 General

> ⚠️ **WARNING**
>
> If you are NOT sure how to operate the unit, contact your installer.

> ⚠️ **WARNING**
>
> Children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge can only use this appliance if they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety.
>
> Children MUST NOT play with the appliance.
>
> Cleaning and user maintenance MUST NOT be carried out by children without supervision.

> ⚠️ **WARNING**
>
> To prevent electrical shocks or fire:
> - Do NOT rinse the unit.
> - Do NOT operate the unit with wet hands.
> - Do NOT place any objects containing water on the unit.

> ⚠️ **CAUTION**
>
> - Do NOT place any objects or equipment on top of the unit.
> - Do NOT sit, climb or stand on the unit.

▪ Units are marked with the following symbol:

This means that electrical and electronic products may NOT be mixed with unsorted household waste. Do NOT try to dismantle the system yourself: the dismantling of the system, treatment of the refrigerant, of oil and of other parts must be done by an authorized installer and must comply with applicable legislation.

Units must be treated at a specialized treatment facility for reuse, recycling and recovery. By ensuring this product is disposed of correctly, you will help to prevent potential negative consequences for the environment and human health. For more information, contact your installer or local authority.

▪ Batteries are marked with the following symbol:

This means that the batteries may NOT be mixed with unsorted household waste. If a chemical symbol is printed beneath the symbol, this chemical symbol means that the battery contains a heavy metal above a certain concentration. Possible chemical symbols are: Pb: lead (>0.004%).

Waste batteries must be treated at a specialized treatment facility for reuse. By ensuring waste batteries are disposed of correctly, you will help to prevent potential negative consequences for the environment and human health.

## 3.2 Instructions for safe operation

**WARNING: MILDLY FLAMMABLE MATERIAL**
The refrigerant inside this unit is mildly flammable.

**CAUTION**
The indoor unit contains radio equipment; the minimum separation distance between the radiating part of the equipment and the user is 30 cm.

**CAUTION**
Do NOT insert fingers, rods or other objects into the air inlet or outlet. When the fan is rotating at high speed, it will cause injury.

> ⚠️ **WARNING**
> - Do NOT modify, disassemble, remove, reinstall or repair the unit yourself as incorrect dismantling or installation may cause an electric shock or fire. Contact your dealer.
> - In case of accidental refrigerant leaks, make sure there are no naked flames. The refrigerant itself is entirely safe, non-toxic and mildly flammable, but it will generate toxic gas when it accidentally leaks into a room where combustible air from fan heaters, gas cookers, etc. is present. Always have qualified service personnel confirm that the point of leakage has been repaired or corrected before resuming operation.

> ⚠️ **CAUTION**
> - ALWAYS use a user interface to adjust the angle of the flap. When the flap is swinging and you move it forcibly by hand, the mechanism will break.
> - Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at high speed.

> ⚠️ **CAUTION**
> NEVER expose little children, plants or animals directly to the airflow.

> ⚠️ **WARNING**
> Do NOT place objects below the indoor and/or outdoor unit that may get wet. Otherwise condensation on the unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, and objects under the unit may get dirty or damaged.

> ⚠️ **WARNING**
> Do NOT place a flammable spray bottle near the air conditioner and do NOT use sprays near the unit. Doing so may result in a fire.

> ⚠️ **CAUTION**
> Do NOT operate the system when using a room fumigation-type insecticide. Chemicals could collect in the unit, and endanger the health of people who are hypersensitive to chemicals.

**WARNING**

The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.

Turn off any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.

Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.

**WARNING**

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odourless.

**WARNING**

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

**DANGER: RISK OF ELECTROCUTION**

To clean the air conditioner or air filter, be sure to stop operation and turn all power supplies off. Otherwise, an electric shock and injury may result.

**WARNING**

To prevent electrical shocks or fire:
- Do NOT rinse the unit.
- Do NOT operate the unit with wet hands.
- Do NOT place any objects containing water on the unit.

**CAUTION**

After a long use, check the unit stand and fitting for damage. If damaged, the unit may fall and result in injury.

> **CAUTION**
>
> Do NOT touch the heat exchanger fins. These fins are sharp and could result in cutting injuries.

> **WARNING**
>
> Improper detergents or cleaning procedure may cause damage on plastic components or water leakage. Splashed detergent on electric components, such as motors, may cause failure, smoke or ignition.

> **DANGER: RISK OF ELECTROCUTION**
>
> Before cleaning, be sure to stop the operation, turn the breaker off or pull out the supply cord. Otherwise, an electric shock and injury may result.

> **WARNING**
>
> Do NOT let the indoor unit get wet. **Possible consequence:** Electric shock or fire.

> **CAUTION**
>
> Be careful when opening and handling the front panel; sharp edge of the front panel may cause injury.

> **WARNING**
>
> **Stop operation and shut off the power if anything unusual occurs (burning smells etc.).**
>
> Leaving the unit running under such circumstances may cause breakage, electric shock or fire. Contact your dealer.

# 4 About the system

> ⚠ **WARNING: MILDLY FLAMMABLE MATERIAL**
>
> The refrigerant inside this unit is mildly flammable.

> ⚠ **CAUTION**
>
> The indoor unit contains radio equipment; the minimum separation distance between the radiating part of the equipment and the user is 30 cm.

> ⓘ **NOTICE**
>
> Do NOT use the system for other purposes. In order to avoid any quality deterioration, do NOT use the unit for cooling precision instruments, food, plants, animals, or works of art.

## 4.1 Indoor unit

> ⚠ **CAUTION**
>
> Do NOT insert fingers, rods or other objects into the air inlet or outlet. When the fan is rotating at high speed, it will cause injury.

> ⓘ **INFORMATION**
>
> The sound pressure level is less than 70 dBA.

> ⚠ **WARNING**
>
> - Do NOT modify, disassemble, remove, reinstall or repair the unit yourself as incorrect dismantling or installation may cause an electric shock or fire. Contact your dealer.
>
> - In case of accidental refrigerant leaks, make sure there are no naked flames. The refrigerant itself is entirely safe, non-toxic and mildly flammable, but it will generate toxic gas when it accidentally leaks into a room where combustible air from fan heaters, gas cookers, etc. is present. Always have qualified service personnel confirm that the point of leakage has been repaired or corrected before resuming operation.
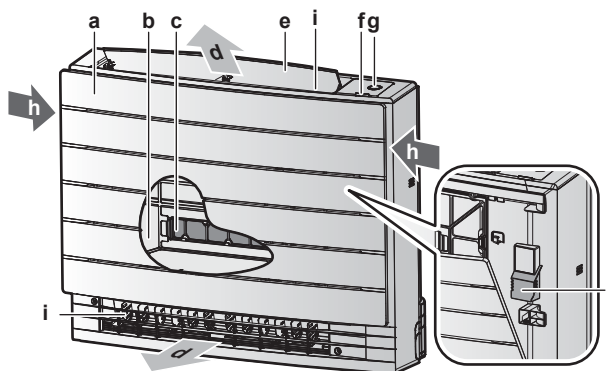


| | |
|---|---|
| **a** | Front panel |
| **b** | Air filter |
| **c** | 2× titanium apatite deodorising filter |
| **d** | Air outlet |
| **e** | Flap (horizontal blade) |
| **f** | Signal receiver for user interface |
| **g** | ON/OFF button, Daikin eye and timer lamp |
| **h** | Air inlet |

**i** Louvers (vertical blades)
**j** Room temperature sensor

**ON/OFF button**

If the user interface is missing, you can use the ON/OFF button on the indoor unit to start/stop operation. When operation is started using this button, the following settings are used:

▪ Operation mode = Automatic

▪ Temperature setting = 25°C

▪ Airflow rate = Automatic

### 4.1.1 Daikin eye indication lamp

Daikin eye color will change according to operation.
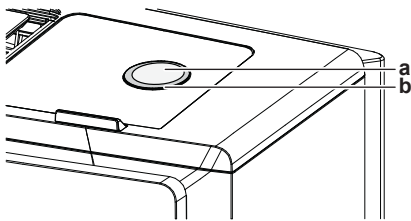


**a** ON/OFF button
**b** Daikin eye

| Operation | Daikin eye color |
|---|---|
| Automatic | Red/blue |
| Drying | Green |
| Cooling | Blue |
| Heating | Red |
| Fan only | White |
| Timer operation | Orange[a] |

[a] When the OFF/ON timer or Weekly timer operation is set, the Daikin eye periodically changes to orange. After lighting orange for about 10 seconds, it returns to the colour of the operation mode for 3 minutes. **Example:** When the timer is set during cooling operation, the Daikin eye will periodically light orange for 10 seconds, and then switch to blue for 3 minutes.

Outlook of the Daikin eye may be negatively affected if the protection foil was not removed. Remove the protection foil if it wasn't removed during the installation.

| i | **INFORMATION** |
|---|---|
| | Be careful when removing the protection foil to avoid damage of the sticker under it. |
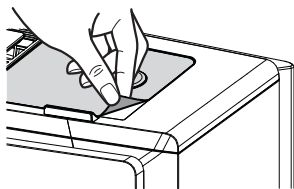


## 4.2  About the user interface

▪ **Direct sunlight.** Do NOT expose the user interface to direct sunlight.

▪ **Dust.** Dust on the signal transmitter or receiver will reduce sensitivity. Wipe off dust with a soft cloth.

▪ **Fluorescent lights.** Signal communication might be disabled if fluorescent lamps are in the room. In that case, contact your installer.

▪ **Other appliances.** If the user interface signals operate other appliances, move the other appliances, or contact your installer.

▪ **Curtains.** Make sure that the signal between the unit and the user interface is NOT blocked by curtains or other objects.

> **(!) NOTICE**
> ▪ Do NOT drop the user interface.
> ▪ Do NOT let the user interface get wet.

### 4.2.1 Components: User interface



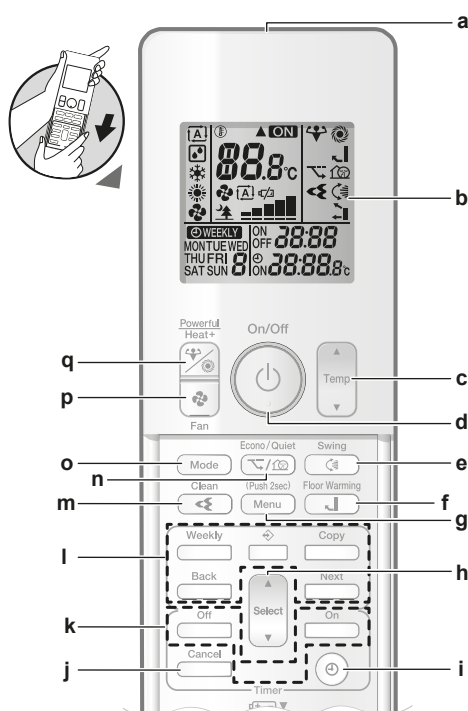|     |                                                      |
| --- | ---------------------------------------------------- |
| **a** | Signal transmitter                                  |
| **b** | LCD display                                         |
| **c** | Temperature adjustment button                       |
| **d** | ON/OFF button                                       |
| **e** | Vertical swing button                               |
| **f** | Floor warming button                                |
| **g** | Menu button                                         |
| **h** | Select button                                       |
| **i** | Clock setting button                                |
| **j** | Cancel button                                       |
| **k** | OFF/ON timer operation buttons                      |
| **l** | Weekly timer operation buttons                      |
| **m** | Flash Streamer (air cleaning) operation button      |
| **n** | Econo and Outdoor unit quiet operation button       |
| **o** | Mode button                                         |
| **p** | Fan button                                          |
| **q** | Powerful button and Heat plus button                |

### 4.2.2 Status: User interface LCD
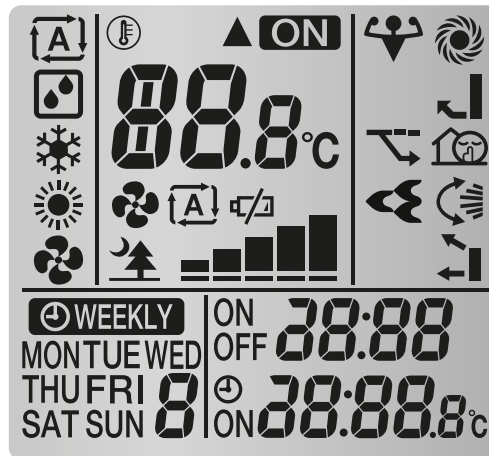


| Icon | Description |
|------|-------------|
| {A} | Operation mode = Automatic |
| ⬛ | Operation mode = Drying |
| ❄ | Operation mode = Cooling |
| ☀ | Operation mode = Heating |
| 🌀 | Operation mode = Fan only |
| | |
| ▲ | The indoor unit receives a signal from the user interface |
| ON | Operation is active |
| 88.8℃ | Current temperature setting |
| 🔋 | Battery replacement notification symbol (low battery) |
| 🌀{A} | Airflow rate = Automatic |
| 🌀 | Airflow rate = Indoor unit quiet |
| 🌀 ▂▃▄▅ | Airflow rate = High |
| 🌀 ▂▃▄ | Airflow rate = Medium high |
| 🌀 ▂▃ | Airflow rate = Medium |
| 🌀 ▂ | Airflow rate = Medium low |
| 🌀 ▂ | Airflow rate = Low |
| | |
| 💨 | Powerful operation is active |
| 🔽 | Econo operation is active |
| ◀ | Flash Streamer (air cleaning) is active |
| 🌀 | Heat plus is active |

| Icon | Description |
|---|---|
| ⌐ | Floor warming is active |
| 🔇 | Outdoor unit quiet operation is active |
| 🌀 | Automatic vertical swing is active |
| ◥ , ◤ | Automatic air outlet or top air outlet only is active |
| | |
| ON *20:00* | ON timer is active |
| OFF *20:00* | OFF timer is active |
| ⏰ WEEKLY | Weekly timer is active |
| MONTUEWED THUFRI SATSUN | Day of the week |
| *20:28* | Current time |

### 4.2.3 To operate the user interface
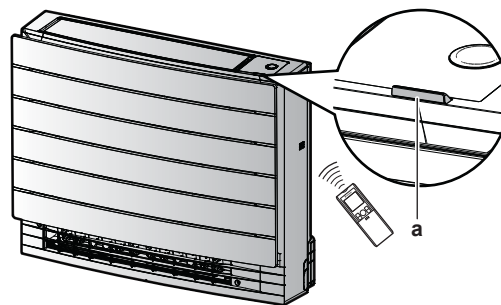


**a** Signal receiver

**1** Aim the signal transmitter at the signal receiver on the indoor unit (maximum distance for communication is 7 m).

**Result:** When the indoor unit receives a signal from the user interface, you will hear a sound:

| Sound | Description |
|---|---|
| Beep-beep | Operation starts. |
| Beep | Setting changes. |
| Long beep | Operation stops. |

# 5 Before operation

## 5.1 Overview: Before operation

This chapter describes what you have to do before operating the unit.

**Typical workflow**

Before operation usually consist of the following stages:

▪ Turning on the power supply.

▪ Inserting the batteries in the user interface.

▪ Setting the clock.

▪ Setting the brightness of the Daikin eye lamp.

▪ Mounting the user interface holder to the wall or another surface.

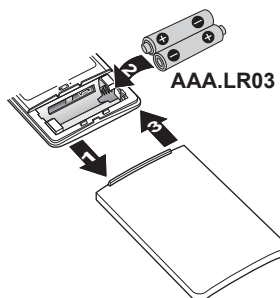## 5.2 To turn on the power supply

**1** Turn the circuit breaker on.

## 5.3 To insert the batteries

The batteries will last for about 1 year.

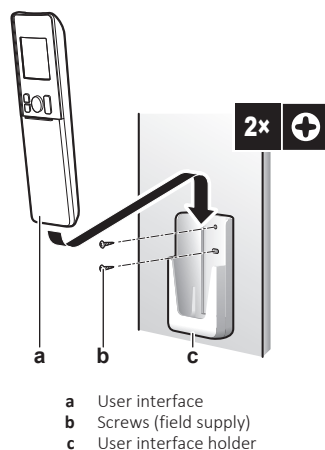**1** Remove the front cover.

**2** Insert both batteries at once.

**3** Put back the front cover.



| | INFORMATION |
|---|---|
| **i** | ▪ Low energy of battery is indicated by ⊏/⊐ icon on the LCD display. |
| | ▪ ALWAYS replace both batteries together. |

## 5.4 To mount the user interface holder



**a** User interface
**b** Screws (field supply)
**c** User interface holder

**1** Choose a place where the signal can reach the unit.

**2** Fix the user interface holder (accessory) to the wall or a similar location using 2 M3×20L screws (field supply).

**3** Insert the user interface into the user interface holder.

## 5.5 About the clock

If the indoor unit's internal clock is NOT set to the correct time, the ON timer, OFF timer and weekly timer will NOT operate correctly. The clock must be set again:

▪ After a circuit breaker has turned the unit OFF.

▪ After a power failure.

▪ After replacing batteries in the user interface.

### 5.5.1 To set the clock

**Note:** If the time is NOT set, MON, ⊕, and 0:00 blink.

**1** Press ⊕.

**Result:** MON and ⊕ blink
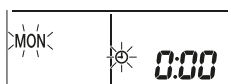


**2** Press [Select ▲] or [Select ▼] to set the current day of the week.

| Display | Day of the week |
|---------|-----------------|
| MON | Monday |
| TUE | Tuesday |
| WED | Wednesday |
| THU | Thursday |
| FRI | Friday |
| SAT | Saturday |
| SUN | Sunday |

**3** Press ⊕.

**Result:** ⊕ blinks.

```
MON        ☀  0:00
```
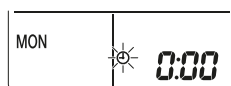
**4** Press [Select▲] or [Select▼] to set the correct time.

**Note:** Holding down [Select▲] or [Select▼] increases or decreases the time setting rapidly.

**5** Press ⊕.

**Result:** Setting is complete. : blinks.

```
MON      ⊕  15:30
```
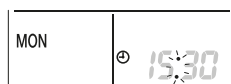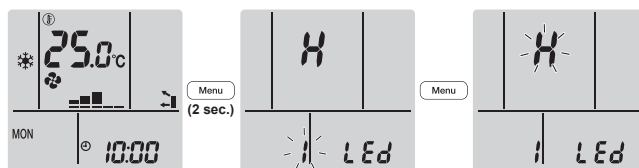
## 5.6 Brightness of the indoor unit display

Adjust the brightness of the indoor unit display as desired, or turn OFF the display.

### 5.6.1 To set the brightness of the indoor unit display

**1** On the home screen, press (Menu) for at least 2 seconds.

**Result:** The selection menu number 1 appears on the display. 1 is blinking.

**2** Press (Menu) to enter the setting.

```
❄ 25.0℃            H              H
                (Menu)         (Menu)
MON              (2 sec.)
  ⊕ 10:00       1  LEd         1  LEd
```

**3** Press [Select▲] or [Select▼] to change the setting as follows:

```
→ H ↔ L ↔ oF ↵
```

| Blinking | Brightness |
|----------|------------|
| H        | High       |
| L        | Low        |
| oF       | Off        |

**4** Press (Menu) to confirm the selected setting.

**Result:** The brightness setting is changed.

**Note:** The display automatically returns to the default screen after 60 seconds. To return to the default screen sooner, press (Cancel) twice.

# 6 Operation

## 6.1 Operation range

Use the system in the following temperature and humidity ranges for safe and effective operation.

| In combination with outdoor unit RXM25~50, 2MXM40+50, 3MXM40+52 | | |
|---|---|---|
| | Cooling and drying[(a)(b)] | Heating[(a)] |
| Outdoor temperature | −10~46°C DB | −15~24°C DB |
| | | −15~18°C WB |
| Indoor temperature | 18~32°C DB | 10~30°C DB |
| | 14~23°C WB | |
| Indoor humidity | ≤80%[(b)] | — |

[(a)] A safety device might stop the operation of the system if the unit runs outside its operation range.

[(b)] Condensation and water dripping might occur if the unit runs outside its operation range.

| In combination with outdoor unit RXTP25+35 | | |
|---|---|---|
| | Cooling and drying[(a)(b)] | Heating[(a)] |
| Outdoor temperature | −10~46°C DB | −25~24°C DB |
| | | −25~18°C WB |
| Indoor temperature | 18~32°C DB | 10~30°C DB |
| | 14~23°C WB | |
| Indoor humidity | ≤80%[(b)] | — |

[(a)] A safety device might stop the operation of the system if the unit runs outside its operation range.

[(b)] Condensation and water dripping might occur if the unit runs outside its operation range.

## 6.2 When to use which feature

You can use the following table to determine which features to use:

| Feature | Tasks |
|---|---|
| **Basic features** | |
| Operation modes and temperature | To start/stop the system and to set the temperature:<br>▪ In Heating and Cooling mode, heat up or cool down a room.<br>▪ In Fan only mode, blow air in a room without heating or cooling.<br>▪ In Drying mode, decrease the humidity in a room.<br>▪ In Automatic mode, an appropriate operation mode is automatically selected based on the set temperature. |

| Feature | Tasks |
|---|---|
| ⚃ Airflow direction | To adjust the airflow direction (swing or fixed position). |
| ✿ Airflow rate | To adjust the amount of air blown into the room. |
| **Advanced features** | |
| ◈ Streamer | To remove airborne allergens such as pollen, adjuvant substances and to clean the air in the room. |
| ⌧ Econo | To use the system when you are also using other power-consuming appliances. <br> To save energy. |
| ⌖ Outdoor unit quiet | To decrease the noise level of the outdoor unit. Example: At night. |
| ⌔ Automatic air outlet selection | To let the unit automatically decide the blow pattern, depending on the operation mode and room conditions. This function is factory set as the default and recommended setting. |
| ⌞ Top outlet only | To set the airflow from top air outlet only, regardless of the operation mode or room conditions. |
| ⌟ Floor warming | To heat from the bottom air outlet only. Use this function when you don't want to feel the hot airflow directly. |
| ◉ Heat plus | To increase the airflow temperature coming from the unit. The air temperature will be higher than during normal heating operation. This function is recommended when you want to feel more warmth. |
| ◈ Powerful | To cool down or heat up the room quickly. |
| ⌚ ON timer + ⌚ OFF timer | To automatically turn ON or OFF the system. |
| ⌚ Weekly timer | To automatically turn ON or OFF the system on a weekly basis. |
| **Additional features** | |
| Wireless LAN connection | To operate the unit using smart appliances. |

## 6.3  Operation mode and temperature setpoint

**When.** Adjust the system operation mode and set the temperature when you want to:

- Heat up or cool down a room
- Blow air in a room without heating or cooling
- Decrease the humidity in a room

**What.** The system operates differently, depending on the user selection.

| Setting | Description |
|---|---|
| ⒶAutomatic | The system cools down or heats up a room to the temperature setpoint. It automatically switches between cooling and heating if necessary. |
| Drying | The system decreases the humidity in a room. |
| Heating | The system heats up a room to the temperature setpoint. |
| Cooling | The system cools down a room to the temperature setpoint. |
| Fan | The system only controls the airflow (airflow rate and airflow direction). The system does NOT control the temperature. |

**Additional info:**

▪ **Outside temperature.** The system's cooling or heating effect decreases when the outside temperature is too high or too low.

▪ **Defrost operation.** During heating operation, frost might occur on the outdoor unit and decrease the heating capacity. In that case, the system automatically switches to defrosting operation to remove the frost. During defrosting operation, hot air is NOT blown from the indoor unit.

### 6.3.1 To start/stop operation mode and to set the temperature



**ON** : Unit is operating

Ⓐ: Operation mode = Automatic

: Operation mode = Drying

: Operation mode = Cooling

: Operation mode = Heating

: Operation mode = Fan only

88.8℃: Shows the set temperature.

**1** Press ⌷Mode⌷ one or more times to select the operation mode.

**Result:** The mode will be set as follows:



**2** Press ⏻ to **start** operation.

**Result:** **ON** is displayed on the LCD. The Daikin eye indication lamp changes colour according to the operation. See "4.1.1 Daikin eye indication lamp" [▶ 13].

**3** Press ⌷Temp▼⌷ or ⌷▲Temp⌷ one or more times to lower or raise the **temperature**.

| Cooling operation | Heating operation | Automatic operation | Drying or Fan only operation |
|---|---|---|---|
| 18~32°C | 10~30°C | 18~30°C | — |

**Note:** When using **drying** or **fan only** mode, you cannot adjust the temperature.

**4**   Press ⏻ to **stop** operation.

**Result:** **ON** disappears from the LCD. The Daikin eye indication lamp goes off.

## 6.4  Airflow rate

**1**   Press ✿ to choose:

| | |
|---|---|
| ✿▃▄▅ | 5 airflow rate levels, from "▃" to "▐" |
| ⟨A⟩ | Automatic airflow rate operation |
| ☂ | Indoor unit quiet operation. When the airflow rate is set to "☂", the noise from the unit will be reduced. |

> **ℹ INFORMATION**
>
> - If the unit reaches the temperature setpoint in cooling or heating mode, the fan will stop operating.
>
> - When using drying operation mode, you CANNOT adjust the airflow rate setting.
>
> - The airflow rate in the automatic airflow rate operation is set according to the room temperature; in some cases it may be lower than in the indoor unit quiet operation and if the airflow rate is changed to the indoor unit quiet operation at this time, the operating noise may become higher.

### 6.4.1  To adjust the airflow rate

**1**   Press ✿ to change the airflow setting as follows:



## 6.5  Airflow direction

**When.** Adjust the airflow direction as desired.

**What.** The system directs the airflow differently, depending on the user selection.

| Setting | Display | Airflow direction |
|---|---|---|
| Vertical auto swing | ⟲≋ | Swinging or fixed position of the horizontal blades (flaps). |
| Horizontal airflow | [—] | Position of the vertical blades (louvers) is set manually. |
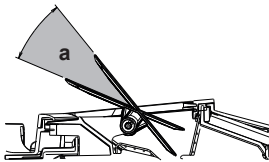


**a**   Movable range of the flaps

> ⚠️ **CAUTION**
> - ALWAYS use a user interface to adjust the angle of the flap. When the flap is swinging and you move it forcibly by hand, the mechanism will break.
> - Be careful when adjusting the louvers. Inside the air outlet, a fan is rotating at high speed.

> ℹ️ **INFORMATION**
> In vertical auto swing, the flaps will stop in up position if the air flow rate becomes weak.

### 6.5.1 To adjust vertical airflow direction

**1** Press ⬜.

**Result:** ↺ appears on the LCD. The flaps (horizontal blades) will begin to swing.

**2** To use fixed position, press ⬜ when the flaps reach the desired position.

**Result:** ↺ disappears from the LCD. The flaps will stop moving.

### 6.5.2 To adjust the louvers (vertical blades)

**1** Adjust horizontal blades using the user interface so you can easily access the knobs on the vertical blades.

**2** Hold the knobs and move them up slightly.

**3** Adjust left or right to the desired position while holding the knobs.
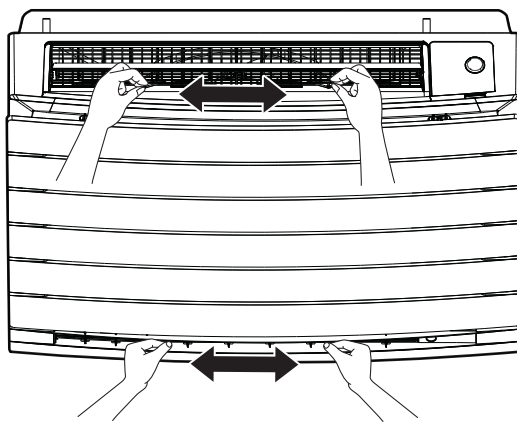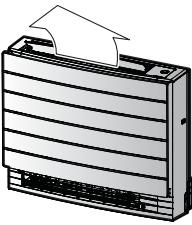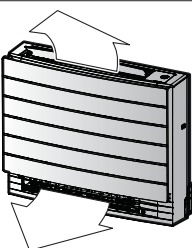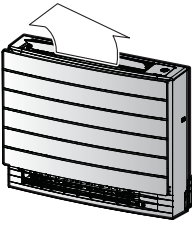


> ℹ️ **INFORMATION**
> When the unit is installed in a corner of a room, the direction of the louvers should be facing away from the wall. Efficiency will drop if a wall blocks the air.

## 6.6 Air outlet selection

Use this feature to let the unit decide automatically which air outlet should be used or set the top air outlet only. The default setting is automatic air outlet selection.

| Setting | Display | Airflow direction |
|---------|---------|-------------------|
| Automatic air outlet selection | | The unit decides automatically the best air outlet depending on the operation mode or room conditions. |
| Top air outlet only | | The airflow is set to top air outlet, regardless of the operation mode or room conditions. |

| Setting | Operation mode | Situation | Air outlet selection |
|---------|----------------|-----------|---------------------|
| | **Drying** | Any situation | |
| | **Cooling** | When the room temperature reaches the setpoint or the total operation time at high humidity reaches 1 hour. | |
| | | When the setpoint temperature is NOT reached yet, or the total operation time at high humidity is less than 1 hour. | |
| | **Heating, fan only** | Any situation | |
| | **Drying, cooling, heating, fan only** | Any situation | |

---

**i  INFORMATION**

- During drying operation the airflow comes from the top air outlet only. See "6.3 Operation mode and temperature setpoint" [▶ 21] for setting.

- During Floor warming operation, the airflow comes from the bottom air outlet only. See "6.7 Floor warming operation" [▶ 26] for setting. Floor warming can be set only with the automatic air outlet selection setting.

- If you change the setting from the automatic air outlet selection to the top air outlet only in the heating operation, heating is temporarily stopped to protect the unit.

- Cooling/heating ability is lower when the top air outlet only is set.

- While the air outlet selection is changing, a sound of the moving damper can be heard.

### 6.6.1  To set automatic air outlet selection or top air outlet only

**Prerequisite:** The default setting is automatic air outlet selection.

1 On the home screen, press `Menu` for at least 2 seconds.

   **Result:** The selection menu appears. The menu number is blinking.

2 Press `Select` or `Select` to select menu number 2.
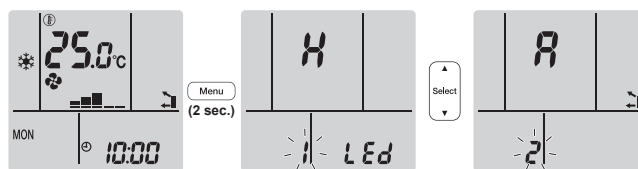
**3** Press `Menu` to enter the setting.

**Result:** "*R*" is blinking.

**4** Press `Select▲` or `Select▼` to change the setting. "*R*" = **automatic air outlet selection** or "*l*" = **top air outlet only**.
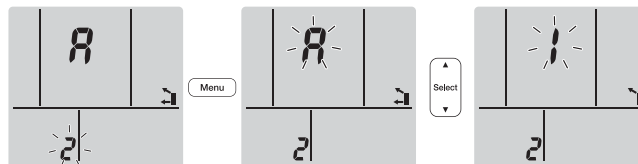


**5** Press `Menu` to confirm the selected setting.

**Result:** The setting is changed.

**Note:** The display automatically returns to the default screen after 1 minute. To return to the default screen sooner, press `Cancel` twice.

## 6.7  Floor warming operation

This operation can effectively warm large floor areas by closing the top air outlet and increasing the air velocity to reach distant floor surfaces.
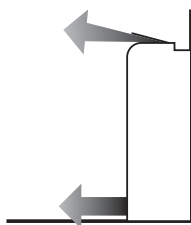
**Normal operation**              **Floor warming operation**
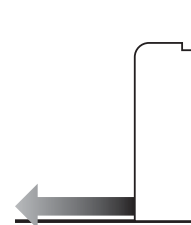


> **i**
>
> **INFORMATION**
> - Floor warming operation can be used in heating operation mode only and with the automatic air outlet selection setting.
> - If the room temperature is low, the room may not get warm enough.

### 6.7.1  To start/stop Floor warming operation

**Prerequisite:** This operation can be set only in heating operation mode and with the automatic air outlet selection setting.

**1** Press `⏎`.

**Result:** ◥▮ is displayed on the LCD and the operation starts.

**2** To stop operation, press `⏎`.

**Result:** ◥▮ disappears from the LCD and operation stops.

## 6.8 Powerful and Heat plus operation

### 6.8.1 Powerful operation

This operation quickly maximizes the cooling/heating effect in any operation mode. You can get the maximum capacity.

| Mode | Airflow rate |
|------|--------------|
| Cooling/Heating | ▪ To maximize the cooling/heating effect, the capacity of outdoor unit is increased.<br>▪ The airflow rate is fixed to the maximum setting.<br>▪ The temperature and airflow settings CANNOT be changed. |
| Drying | ▪ The temperature setting is lowered by 2.5°C.<br>▪ The airflow rate is slightly increased. |
| Fan only | The airflow rate is fixed to the maximum setting. |

**INFORMATION**

▪ Powerful operation cannot be used together with Heat plus, Floor warming, Econo and Outdoor unit quiet operation. The last selected function takes priority.

▪ Powerful operation will NOT increase the capacity of the unit if it already operates at maximum capacity.

### 6.8.2 Heat plus operation

This operation increases the airflow temperature coming from the unit. The airflow temperature is higher than during the normal heating operation. Use this operation when you want to feel more warmth. This operation has a 30 minute duration.

**INFORMATION**

▪ Heat plus operation can be used in heating operation mode only.

▪ If the room temperature is low, the room may not get warm enough.

▪ Do NOT stay close to the air outlet in the direct path of discharged air for a long time.

▪ After the HEAT PLUS operation ends, depending on the temperature set for HEAT operation, the power may be temporarily reduced.

▪ In Multi system connection, the airflow temperature may be insufficient.

### 6.8.3 To start/stop Powerful and Heat plus operation

**1** Press ⊞ one or more times to select operation.

**Result:** The setting will change as follows.

| Display | Operation |
|---|---|
| ⚡ | Powerful |
| 🌀 | Heat plus |
| — | Both deactivated |

▪ Powerful operation runs for 20 minutes; after that, operation returns to the previously set mode.

▪ Heat plus operation runs for 30 minutes; after that, operation returns to the previously set mode.

**2** To stop operation, press ⊞ until both symbols disappear from the LCD.

**Note:** Powerful operation and Heat plus can be set only when the unit is running.

If you press ⏻, operation will be cancelled; ⚡ and 🌀 disappear from the LCD.

## 6.9 Econo and Outdoor unit quiet operation

### 6.9.1 Econo operation

This is a function which enables efficient operation by limiting the maximum power consumption value. This function is useful for cases in which attention should be paid to ensure a circuit breaker will not trip when the product runs alongside other appliances.

> **i** **INFORMATION**
> ▪ Powerful, Heat plus, Floor warming and Econo operation CANNOT be used at the same time. The last selected function takes priority.
> ▪ Econo operation is only available in automatic, cooling, heating and drying operation modes.
> ▪ Econo operation reduces power consumption of the outdoor unit by limiting the rotation speed of the compressor. If power consumption is already low, Econo operation will NOT further reduce power consumption.

### 6.9.2 Outdoor unit quiet operation

Use Outdoor unit quiet operation when you want to decrease the noise level of the outdoor unit. **Example:** At night.

> **i** **INFORMATION**
> ▪ Powerful, Heat plus, Floor warming and Outdoor unit quiet operation CANNOT be used at the same time. The last selected function takes priority.
> ▪ Outdoor unit quiet operation is only available in automatic, cooling, and heating operation.
> ▪ Outdoor unit quiet operation limits the rotation speed of the compressor. If the rotation speed of compressor is already low, Outdoor unit quiet operation will NOT further reduce the compressor rotation speed.

### 6.9.3 To start/stop Econo and Outdoor unit quiet operation

**1** Press ⊂◥/⌂⊃ one or more times.

**Result:** The setting will change as follows.

| Display | Operation |
|---------|-----------|
| ◥ | Econo |
| ⌂ | Outdoor unit quiet |
| ◥+⌂ | Econo and Outdoor unit quiet |
| — | Both deactivated |

**2** To stop operation, press ⊂◥/⌂⊃ until both symbols disappear from the LCD.

**Note:** Econo operation can be only set when the unit is running. Pressing ⏻ cancels the setting and ◥ disappears from the LCD.

**Note:** ⌂ remains on the LCD, even if you turn off the unit using the user interface or indoor unit ON/OFF switch.

## 6.10 Flash Streamer (air cleaning) operation

> **ℹ INFORMATION**
> - The high-speed electrons are generated and go away inside the unit to ensure safe operation.
> - The Streamer discharge may generate a fizzing sound.
> - If the airflow becomes weak, the Streamer discharge may stop temporarily to prevent ozone smell.

### 6.10.1 To start/stop Flash Streamer (air cleaning) operation

**Prerequisite:** Make sure the unit is operating (**ON** is displayed on the user interface LCD).

**1** Press ⊂≪⊃.

**Result:** ≪ is displayed on the LCD and the air in the room is cleaned when the unit is operating.

**2** To stop operation, press ⊂≪⊃.

**Result:** ≪ disappears from the LCD and operation stops.

> **ℹ INFORMATION**
> - You can set the Flash Streamer operation when the unit is both ON or OFF, but operation starts only when the unit is operating.
> - When the setting is done when the unit is NOT operating, ≪ is displayed on the user interface LCD, but operation does NOT start.

## 6.11 OFF/ON timer operation

Timer functions are useful for automatically switching the air conditioner off/on at night or in the morning. You can also use OFF timer and ON timer in combination.

There are two types of OFF/ON timer setting:

- **24 hour clock OFF/ON timer** (default). The unit will stop/start operating at the set time. **Example:** The ON timer is set to 13:30, the unit will start operating at 13:30.

- **12 hour countdown OFF/ON timer**. The unit will stop/start operating after the set number of hours. **Example:** The ON timer is set at 10:30 to 3 hours, the unit will start operating at 13:30.

**Note:** It is possible to combine both timer setting types.

> **i** **INFORMATION**
>
> Program the timer again in case of:
> - A breaker has turned the unit off.
> - A power failure.
> - After replacing batteries in the user interface.

> **i** **INFORMATION**
>
> The clock MUST be set correctly before using any timer functions. Refer to "5.5.1 To set the clock" [▶ 18].

### 6.11.1 24 hour clock OFF/ON timer setting

**To start/stop OFF timer operation**

1. Press ⌷ Off ⌷ to start.

   **Result:** **0:00** is displayed on the LCD and **OFF** blinks. ⊕ and the day of the week disappear from the LCD.

   

2. Press ⌷Select▲⌷ or ⌷Select▼⌷ to change the time setting.

3. Press ⌷ Off ⌷ again.

**Result:** **OFF** and the set time are displayed on the LCD. The Daikin eye lights orange.

> **i** **INFORMATION**
>
> Each time ⌷Select▲⌷ or ⌷Select▼⌷ is pressed, the time setting advances by 10 minutes. Holding the button down will change the setting rapidly.

4. To cancel the timer setting, press ⌷ Cancel ⌷.

**Result:** The set time and **OFF** disappear from the LCD. ⊕ and the day of the week are displayed on the LCD. The Daikin eye stops lighting orange.

**To start/stop ON timer operation**

**1** Press ⌷ On ⌷ to start.

**Result:** **6:00** is displayed on the LCD and **ON** blinks. ☉ and the day of the week disappear from the LCD.

**2** Press ⌷Select⌷ or ⌷Select⌷ to change the time setting.

**3** Press ⌷ On ⌷ again.

**Result:** **ON** and the set time are displayed on the LCD. The Daikin eye lights orange.

> **i** **INFORMATION**
>
> Each time ⌷Select⌷ or ⌷Select⌷ is pressed, the time setting advances by 10 minutes. Holding the button down will change the setting rapidly.

**4** To cancel the timer setting, press ⌷Cancel⌷.

**Result:** The set time and **ON** disappear from the LCD. ☉ and the day of the week are displayed on the LCD. The Daikin eye stops lighting orange.

**To combine OFF timer and ON timer**

**1** To set the timers, refer to "To start/stop OFF timer operation" [▶ 30] and "To start/stop ON timer operation" [▶ 31].

**Result:** **OFF** and **ON** are displayed on the LCD.

**Example:**

| Display | Current time | Set while... | Operation |
|---|---|---|---|
| OFF **7:00** ON **14:00** | 6:00 | the unit is operating. | Stops at 7:00 and starts at 14:00. |
| | | the unit is NOT operating. | Starts at 14:00. |

**Note:** If the timer setting is active, the current time is NOT displayed on the LCD.

### 6.11.2 12 hour countdown OFF/ON timer setting

**To start/stop countdown OFF/ON timer operation**

**1** Press and hold ⌷ Off ⌷ or ⌷ On ⌷ for about 5 seconds; when ▲ blinks, release the button.

**Result:**

For the OFF timer, *1hr* appears on the LCD and **OFF** blinks, ☉ and the day of the week disappear from the LCD.

For the ON timer, *1hr* appears on the LCD and **ON** blinks. ☉ and the day of the week disappear from the LCD.

**2** Press ⌷Select⌷ or ⌷Select⌷ to change the time setting. The time can be set between 1~12 hours. Each pressing of the button increases or decreases the time setting by 1 hour.

**3** Press [Off] or [On] to confirm the setting.

**Result:** OFF and/or ON and the set time are displayed on the LCD. The Daikin eye lights orange. The time displayed on the LCD will automatically count down by 1 hour for every hour that passes.

**Example:** If the OFF timer is set to 3 hours, the displayed time will change as follows: 3hr → 2hr → 1hr → blank (OFF)

**4** To change the setting back to 24 hour OFF/ON timer, repeat step 1 when on the home screen when OFF and/or ON are NOT blinking.

**5** To cancel the timer setting, press [Cancel].

**To combine the timer display modes**

Different display modes (24 hour and 12 hour countdown OFF/ON timer) can be used for the OFF timer and ON timer simultaneously.

**1** For setting, see "To start/stop OFF timer operation" [▶ 30], "To start/stop ON timer operation" [▶ 31] and "To start/stop countdown OFF/ON timer operation" [▶ 31].

**Example:**

| Display | Current time | Set while… | Operation |
|---|---|---|---|
| OFF *3hr* ON *6:00* | 22:00 | the unit is operating. | ▪ Stops at 1:00 (3 hours after present time) |
| OFF *1:00* ON *8hr* | | | ▪ Starts at 6:00. (8 hours after present time) |
| OFF *3hr* ON *8hr* | | | |

**Note:** If the timer setting is active, the current time is NOT displayed on the LCD.

## 6.12 Weekly timer operation

> **INFORMATION**
>
> Do not use the Weekly timer setting simultaneously with the Daikin Residential Controller app schedule timer. Both settings are independent of each other. Use only one of them.

With this operation, you can save up to 4 timer settings for each day of the week.

**Example:** Create a different setting from Monday to Friday and a different setting for weekends.

| Day of the week | Setting example |
|---|---|
| **Monday**<br>▪ Make up to 4 settings. | **1** ON  **2** OFF  **3** ON  **4** OFF<br>25°C  27°C<br>6:00  8:30  17:30  22:00 |
| **Tuesday~Friday**<br>▪ Use the copy mode if the settings are the same as for Monday. | **1** ON  **2** OFF  **3** ON  **4** OFF<br>25°C  27°C<br>6:00  8:30  17:30  22:00 |
| **Saturday**<br>▪ No timer setting | — |

| Day of the week | Setting example |
|---|---|
| **Sunday**<br>▪ Make up to 4 settings. |  |

- **ON-ON-ON-ON setting.** Enables scheduling the operation mode and set temperature.

- **OFF-OFF-OFF-OFF setting.** Only the turn off time can be set for each day.

**Note:** Be sure to aim the user interface at the indoor unit and check for a receiving tone when setting the Weekly timer operation.

> **ⓘ INFORMATION**
>
> The clock MUST be set correctly before using any timer functions. Refer to "5.5.1 To set the clock" [▶ 18].

> **ⓘ INFORMATION**
>
> - Weekly timer and OFF/ON timer operation CANNOT be used at the same time. The OFF/ON timer operation takes priority. Weekly timer will be in standby, ⓌWEEKLY disappears from the LCD. When the OFF/ON timer is completed, the Weekly timer becomes active.
>
> - The day of the week, OFF/ON timer mode, time and temperature (only for ON timer) can be set with the Weekly timer. Other settings are based on previous ON timer setting.

### 6.12.1 To set Weekly timer operation

**1** Press ⬚.

   **Result:** The day of the week and the reservation number of the current day are displayed.

   

**2** Press ⬚ or ⬚ to select the day of the week and the reservation number.

**3** Press ⬚Next⬚.

   **Result:** The day of the week is set. ⓌWEEKLY and ON blink.

   

**4** Press ⬚ or ⬚ to select the mode.

   **Result:** The setting will change as follows:

   

| Display | Feature |
|---|---|
| ON | ON timer |
| OFF | OFF timer |
| Blank | Deletes reservation |

**5** Press ⬚Next⬚.

   **Result:** The OFF/ON timer mode is set. ⓌWEEKLY and the time blink.

**Note:** Press ⌈Back⌋ to return to the previous screen. If blank is selected, continue to step 9.

**6** Press ⌈Select⌋ or ⌈Select⌋ to select the time. The time can be set between 0:00~23:50 in 10-minute intervals.

**7** Press ⌈Next⌋.

> **Result:** The time is set and ⊕WEEKLY and the temperature blink.



**Note:** Press ⌈Back⌋ to return to the previous screen. If OFF timer is selected, continue to step 9.

**8** Press ⌈Select⌋ or ⌈Select⌋ to select the desired temperature.

**Note:** The set temperature for the weekly timer is displayed only when setting the weekly timer mode.

> **i** **INFORMATION**
>
> The temperature can be set between 10~32°C on the user interface, however:
>
> - in cooling and automatic operation mode, the unit will operate at minimum 18°C even if is set at 10~17°C;
>
> - in heating and automatic operation mode, the unit will operate at maximum 30°C even if is set at 31~32°C.

**9** Press ⌈Next⌋.

> **Result:** The temperature and time are set for the ON timer. The time is set for the OFF timer. The Daikin eye lights orange.
>
> **Result:** A new reservation screen will appear.

**10** Repeat the previous procedure to set another reservation or press ⌈◈⌋ to complete the setting.

**Result:** ⊕WEEKLY is displayed on the LCD.

**Note:** A reservation can be copied with the same settings to another day. Refer to

### 6.12.2 To copy reservations

A reservation can be copied to another day. The complete reservation of the selected day of the week will be copied.

**1** Press ⌈◈⌋.

**2** Press ⌈Select⌋ or ⌈Select⌋ to select the day of the week to be copied.

**3** Press ⌈Copy⌋.

> **Result:** The reservation of the selected day of the week will be copied.
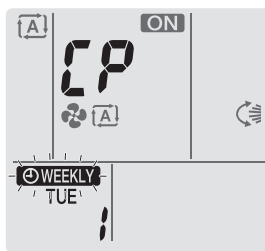
**4**  Press ⊡ or ⊡ to select the destination day.

**5**  Press ⌐ Copy ⌐ .

**Result:** The whole reservation is copied to the selected day and the Daikin eye lights orange.
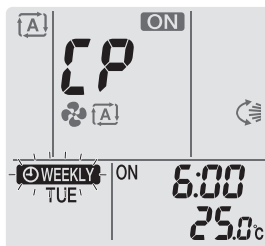
**Note:** To copy to another day, repeat the procedure.

**6**  Press ⌐ ◈ ⌐ to complete the setting.

**Result:** ⊙WEEKLY is displayed on the LCD.

**Note:** To change the reservation setting after copying, refer to "6.12.1 To set Weekly timer operation" [▶ 33].

### 6.12.3  To confirm reservations

You can confirm if all reservations are set to your needs.

**1**  Press ⌐ ◈ ⌐ .

**Result:** The day of the week and the reservation number of the current day are displayed.

**2**  Press ⊡ or ⊡ to select the day of the week and reservation number to be confirmed and check the reservation details.

**Note:**  To change the reservation setting, refer to "6.12.1 To set Weekly timer operation" [▶ 33].

**3**  Press ⌐ ◈ ⌐ to exit the confirmation mode.

### 6.12.4  To deactivate and reactivate Weekly timer operation

**1**  To deactivate the Weekly timer, press ⌐ Weekly ⌐ while ⊙WEEKLY is displayed on the LCD.

**Result:** ⊙WEEKLY disappears from the LCD and the Daikin eye stops lighting orange.

**2**  To reactivate the Weekly timer, press ⌐ Weekly ⌐ again.

**Result:** The last set reservation mode will be used.

### 6.12.5 To delete reservations

**To delete individual reservations**

Use this function if you want to delete a single reservation setting.

**1** Press ⬨ .

**Result:** The day of the week and the reservation number are displayed.

**2** Press [Select▼] or [Select▲] to select the day of the week to be deleted.

**3** Press [ Next ].

**Result:** [⊙ WEEKLY], ON, and OFF blink.

**4** Press [Select▼] or [Select▲] and select "blank".

**Result:** The setting will change as follows:



**5** Press [ Next ].

**Result:** The selected reservation is deleted.

**6** Press ⬨ to exit.

**Result:** Remaining reservations are active.

**To delete a reservation for each day of the week**

Use this function if you want to delete all reservation settings for one day of the week. This can be used in confirmation or setting mode.

**1** Press ⬨ .

**2** Press [Select▼] or [Select▲] to select the day of the week to be deleted.

**3** Hold [ Weekly ] for about 5 seconds.

**Result:** All reservations for the selected day are deleted.

**4** Press ⬨ to exit.

**Result:** Remaining reservations are active.

**To delete all reservations**

Use this function if you want to delete all reservations for all days of the week in one go. This procedure CANNOT be used in the setting mode.

**1** Hold [ Weekly ] for about 5 seconds while in the default display.

**Result:** All reservations will be deleted.

## 6.13 Wireless LAN connection

The customer is responsible for providing:

▪ Smartphone or tablet with minimum supported version of Android or iOS, specified on http://www.onlinecontroller.daikineurope.com

▪ Internet line and communication device, such as a modem, router, etc.

▪ Wireless LAN access point

▪ Installed free Daikin Residential Controller application

**Note:** If needed, the SSID number and the KEY are located on the unit. Unit is shipped with an additional sticker with SSID number and password, attached on the casing.
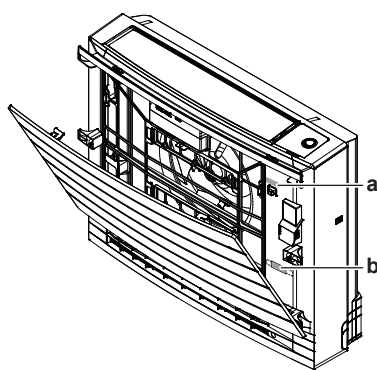
**a** Label with SSID number, password and key
**b** Additional sticker with SSID number, password and key

### 6.13.1 Precautions when using the wireless LAN

Do NOT use near:

▪ **Medical equipment.** E.g. persons using cardiac pacemakers or defibrillators. This product may cause electromagnetic interference.

▪ **Auto-control equipment.** E.g. automatic doors or fire alarm equipment. This product may cause faulty behaviour of the equipment.

▪ **Microwave oven.** It may affect wireless LAN communications.

### 6.13.2 To install the Daikin Residential Controller application

**1** Open:

▪ Google Play for appliances using Android.
▪ App Store for appliances using iOS.

**2** Search for Daikin Residential Controller.

**3** Follow the directions on the screen to install.

### 6.13.3 To set the wireless connection

There are two options to connect the wireless adapter with your smart device.

▪ **Connect the wireless LAN to your smart device directly.**

▪ **Connect the wireless LAN to your home network.** The wireless LAN will communicate with your smart device in your home network using a modem, router or a similar device.

For more information and FAQ refer to:

http://www.onlinecontroller.daikineurope.com/.

**1** Stop operation before setting the wireless connection.

**2** Use the user interface to select the wireless LAN setting menu.

**Note:** Always aim the user interface at the signal receiver on the unit when operating the user interface.

| Menu | Description |
|------|-------------|
| 1 | Connection status check |
| 2 | WPS connection setting |
| 3 | AP mode/RUN mode (SSID + KEY) connection setting |
| A | Reset to factory default |

| Menu | Description |
|------|-------------|
| oFF | Wireless LAN OFF |

**To confirm the wireless LAN connection status**

**1** On the home screen, press ⌖ for at least 5 seconds while the unit is not operating.

**Result:** SP appears on the display. *I* is blinking.
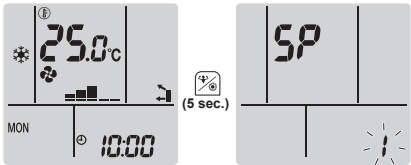


**2** Press ⌖ to confirm the selection.

**Result:** *I* is blinking.

**3** Check the Daikin eye.
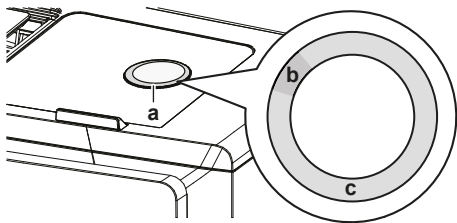


**a** Daikin eye
**b** Partly green
**c** Red, orange, blue or white

| Daikin eye colour alternates between partly green and… | …then wireless adapter is… |
|---------------------------------------------------------|----------------------------|
| **red** | not connected |
| **orange** | running and ready to connect to the home network via WPS button; see "To connect using the WPS button" [▸ 39]. |
| **blue** | ▪ connected to the home network via SSID + KEY. <br> or <br> ▪ connected to the home network via WPS button on the router. |
| **white** | off |

**4** Press Cancel to exit the menu.

**Result:** The display will return to the home screen.

**To connect the wireless LAN to your home network**

The wireless adapter can be connected to your home network using the:

▪ **WPS** button on the router (if present),

User reference guide
38
CVXM20+FVXM25~50A2V1B
Split system air conditioners
4P625990-1 – 2020.06

▪ **SSID** and **KEY** number located on the unit.

**To connect using the WPS button**

**1** On the home screen, press [icon] for at least 5 seconds while the unit is not operating.

**Result:** SP appears on the display. *1* is blinking.

**2** Press [Temp] to change the SP menu to *2*.



**3** Press [icon] to confirm the selection.

**Result:** *2* is blinking. The Daikin eye colour alternates between orange and partly green.

**4** Press the WPS button on your communication device (e.g. router) within approximately 1 minute. Refer to the manual of your communication device.

**Result:** If the connection was successful, the Daikin eye colour alternates between blue and partly green.

> **i** **INFORMATION**
>
> If the connection with your router is not possible, try procedure "To connect using SSID and KEY number" [▶ 39].

**5** Press [Cancel] to exit the menu.

**Result:** The display will return to the home screen.

**To connect using SSID and KEY number**

**1** On the home screen, press [icon] for at least 5 seconds while the unit is not operating.

**Result:** SP appears on the display. *1* is blinking.

**2** Press [Temp] twice to change the SP menu to *3*.



**3** Press [icon] to confirm the selection.

**Result:** *3* is blinking. The Daikin eye colour alternates between red and partly green.

**4** Open the Daikin Residential Controller application on your smart device and follow the steps on the screen.

**Result:** If the connection was successful, the Daikin eye colour alternates between blue and partly green.

**5** Connect your smart device to the same home network as the unit.

**6** Press [Cancel] to exit the menu.

**Result:** The display will return to the home screen.

**To reset the connection setting to the factory default**

Reset the connection setting to the factory default in case you want to:

- disconnect the wireless LAN and the communication device (e.g. router) or smart device.
- repeat the setting if the connection was unsuccessful.

1 On the home screen, press 🖲 for at least 5 seconds while the unit is not operating.

**Result:** SP appears on the display. *I* is blinking.

2 Press 🔲 twice to change the SP menu to *R*.



3 Hold 🖲 for at least 2 seconds to confirm the selection.

**Result:** *R* is blinking. The setting is reset to the factory default.

4 Press Cancel to exit the menu.

**Result:** The display will return to the home screen.

**To turn off the wireless LAN connection**

If you want to turn off the wireless connection function:

1 On the home screen, press 🖲 for at least 5 seconds while the unit is not operating.

**Result:** SP appears on the display. *I* is blinking.

2 Press 🔲 change the SP menu to *oFF*.
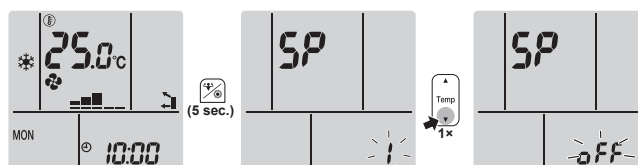


3 Hold 🖲 for at least 2 seconds to confirm the selection.

**Result:** *oFF* is blinking. Communication is OFF.

4 Press Cancel to exit the menu.

**Result:** The display will return to the home screen.

## 6.14 About Multi system

In Multi system, 1 outdoor unit is connected to multiple indoor units. **Example:**
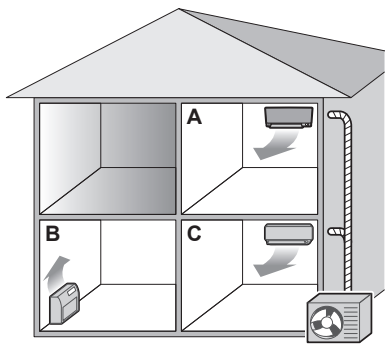
### 6.14.1 Priority room setting

Priority room setting requires initial programming during installation. Please consult your authorized dealer for assistance.

**When priority room setting is inactive or not present**

When more than 1 indoor unit is operating, priority is given to the first unit that was turned on. Set other units to the same operation mode. Otherwise, they will enter the standby mode, and the Daikin eye will flash (does NOT indicate malfunction).

**Exceptions:** If the first unit that was turned on is set to **fan only**, and then in the other room **heating** mode is set, priority will be given to the unit set to the heating mode. The first unit will go in standby and the Daikin eye will flash.

> **i** **INFORMATION**
> - The cooling, drying, and fan only operation modes may be used at the same time.
> - The automatic operation mode automatically selects cooling or heating, depending on the room temperature and the temperature setting. If the automatic operation mode is selected for all units, all units will operate in the mode of the first unit that was turned on.

**Priority when using Outdoor unit quiet operation**

Refer to "6.9.2 Outdoor unit quiet operation" [▶ 28].

1. Set Outdoor unit quiet operation in all rooms using the user interfaces of the units.

2. To cancel Outdoor unit quiet operation, you may stop operation in 1 room using a user interface.

   **Result:** Operation will stop in all rooms. 🏠 will remain on the display of the other user interfaces.

3. To remove the symbol from the other user interfaces, stop Outdoor unit quiet operation in all rooms separately.

**Result:** The 🏠 symbol will disappear.

**When priority room setting is active**

You can select a different operation mode for each room.

**Example:** Room A has priority, cooling operation mode is selected.

| Operation mode in room B and C | Status of room B and C |
|---|---|
| Cooling, drying or fan only | Current operation mode maintained |

| Operation mode in room B and C | Status of room B and C |
|---|---|
| Heating | Standby mode. Operation resumes when room A stops operating. |
| Automatic | If cooling operation continues. If heating units enter standby mode. Operation resumes when room A stops operating. |

**Priority when using Powerful operation**

**Example:** Room A has priority. Rooms B and C are operating.

1  Set Powerful operation in room A.

**Result:** Capacity in room A is increased. Cooling or heating efficiency in rooms B and C may be slightly reduced.

**Priority when using Outdoor unit quiet operation**

**Example:** Room A has priority.

2  Set Outdoor unit quiet operation on one unit.

**Result:** All units enter the Outdoor unit quiet operation mode at once.

### 6.14.2  Night quiet mode

The Night quiet mode requires initial programming during installation. Please consult your dealer for assistance. This mode reduces the operation noise of the outdoor unit during the night by reducing the cooling efficiency.

The Night quiet mode is activated automatically when the temperature drops ≥5°C below the highest temperature recorded that day.

### 6.14.3  Cooling/heating mode lock in Multi-system

The cooling/heating mode lock can be set via the Multi outdoor unit. Please consult your authorized dealer for assistance. The cooling/heating mode lock sets the unit forcibly to either cooling or heating operation. Activate this function if you wish to set all indoor units connected in a Multi-system to 1 operation mode.

> **i  INFORMATION**
> The Cooling/heating mode lock CANNOT be activated together with the priority room setting.

# 7 Energy saving and optimum operation

> **ℹ INFORMATION**
> - Even if the unit is turned OFF, it consumes electricity.
> - When the power turns back on after a power break, the previously selected mode will be resumed.

> **⚠ CAUTION**
> NEVER expose little children, plants or animals directly to the airflow.

> **⚠ WARNING**
> Do NOT place objects below the indoor and/or outdoor unit that may get wet. Otherwise condensation on the unit or refrigerant pipes, air filter dirt or drain blockage may cause dripping, and objects under the unit may get dirty or damaged.

> **⚠ WARNING**
> Do NOT place a flammable spray bottle near the air conditioner and do NOT use sprays near the unit. Doing so may result in a fire.

> **⚠ CAUTION**
> Do NOT operate the system when using a room fumigation-type insecticide. Chemicals could collect in the unit, and endanger the health of people who are hypersensitive to chemicals.

Observe the following precautions to ensure the system operates properly.

- Prevent direct sunlight from entering a room during cooling operation by using curtains or blinds.
- Make sure the area is well ventilated. Do NOT block any ventilation openings.
- Ventilate often. Extended use requires special attention to ventilation.
- Keep doors and windows closed. If the doors and windows remain open, air will flow out of your room causing a decrease in the cooling or heating effect.
- Be careful NOT to cool or heat too much. To save energy, keep the temperature setting at a moderate level.
- NEVER place objects near the air inlet or the air outlet of the unit. Doing so may cause a reduced heating/cooling effect or stop operation.
- Turn the breaker off when the unit is NOT used for longer periods of time. If the breaker is on, the unit consumes electricity. Before restarting the unit, turn the breaker on 6 hours before operation to ensure smooth running.
- Condensation may form if the humidity is above 80% or if the drain outlet gets blocked.
- Adjust the room temperature properly for a comfortable environment. Avoid excessive heating or cooling. Notice that it may take some time for the room temperature to reach the set temperature. Consider using the timer setting options.
- Adjust the air flow direction to avoid cool air from gathering on the floor or warm air against the ceiling. (Up during cooling or dry operation to the ceiling and down during heating operation.)
- Avoid direct air flow to room inhabitants.

▪ Operate the system within the recommended temperature range (26~28°C for cooling and 20~24°C for heating) to save energy.

# 8 Maintenance and service

## 8.1 Overview: Maintenance and service

The installer has to perform a yearly maintenance.

### About the refrigerant

This product contains fluorinated greenhouse gases. Do NOT vent gases into the atmosphere.

Refrigerant type: R32

Global warming potential (GWP) value: 675

---

**NOTICE**

Applicable legislation on **fluorinated greenhouse gases** requires that the refrigerant charge of the unit is indicated both in weight and $CO_2$ equivalent.

**Formula to calculate the quantity in $CO_2$ equivalent tonnes:** GWP value of the refrigerant × total refrigerant charge [in kg] / 1000

Please contact your installer for more information.

---

**WARNING**

The refrigerant inside the unit is mildly flammable, but normally does NOT leak. If the refrigerant leaks in the room and comes in contact with fire from a burner, a heater, or a cooker, this may result in fire, or the formation of a harmful gas.

Turn off any combustible heating devices, ventilate the room, and contact the dealer where you purchased the unit.

Do NOT use the unit until a service person confirms that the part from which the refrigerant leaked has been repaired.

---

**WARNING**

- Do NOT pierce or burn refrigerant cycle parts.
- Do NOT use cleaning materials or means to accelerate the defrosting process other than those recommended by the manufacturer.
- Be aware that the refrigerant inside the system is odourless.

---

**WARNING**

The appliance shall be stored in a room without continuously operating ignition sources (example: open flames, an operating gas appliance or an operating electric heater).

---

**NOTICE**

Maintenance MUST be done by an authorized installer or service agent.

We recommend performing maintenance at least once a year. However, applicable legislation might require shorter maintenance intervals.

---

**DANGER: RISK OF ELECTROCUTION**

To clean the air conditioner or air filter, be sure to stop operation and turn all power supplies off. Otherwise, an electric shock and injury may result.

---

> **WARNING**
>
> To prevent electrical shocks or fire:
> - Do NOT rinse the unit.
> - Do NOT operate the unit with wet hands.
> - Do NOT place any objects containing water on the unit.

> **CAUTION**
>
> After a long use, check the unit stand and fitting for damage. If damaged, the unit may fall and result in injury.

> **CAUTION**
>
> Do NOT touch the heat exchanger fins. These fins are sharp and could result in cutting injuries.

Following symbols may occur on the indoor unit:

| Symbol | Explanation |
|---|---|
| ▽ V | Measure the voltage at the terminals of main circuit capacitors or electrical components before servicing. |

## 8.2 To clean the indoor unit and user interface

> **WARNING**
>
> Improper detergents or cleaning procedure may cause damage on plastic components or water leakage. Splashed detergent on electric components, such as motors, may cause failure, smoke or ignition.

> **NOTICE**
>
> - Do NOT use gasoline, benzene, thinner, polishing powder or liquid insecticide. **Possible consequence:** Discoloration and deformation.
> - Do NOT use water or air of 40°C or higher. **Possible consequence:** Discoloration and deformation.
> - Do NOT use polishing compounds.
> - Do NOT use a scrubbing brush. **Possible consequence:** The surface finishing peels off.
> - As an end user, you may NEVER clean inside parts of the unit by yourself; this work must be performed by a qualified service person. Contact your dealer.

> **DANGER: RISK OF ELECTROCUTION**
>
> Before cleaning, be sure to stop the operation, turn the breaker off or pull out the supply cord. Otherwise, an electric shock and injury may result.

**1** Clean with a soft cloth. If it is difficult to remove stains, use water or a neutral detergent.

## 8.3 To clean the front panel

> ⚠️ **WARNING**
>
> Do NOT let the indoor unit get wet. **Possible consequence:** Electric shock or fire.

> ❗ **NOTICE**
>
> ▪ Do NOT use gasoline, benzene, thinner polishing powder or liquid insecticide. **Possible consequence:** Discoloration and deformation.
>
> ▪ Do NOT use water or air of 50°C or higher. **Possible consequence:** Discoloration and deformation.
>
> ▪ Do NOT scrub firmly when washing the blade with water. **Possible consequence:** The surface sealing peels off.

You can remove the front panel to clean it.

> ⚠️ **CAUTION**
>
> Be careful when opening and handling the front panel; sharp edge of the front panel may cause injury.

**1**   Slide both sliders in the direction of the arrows until they click.
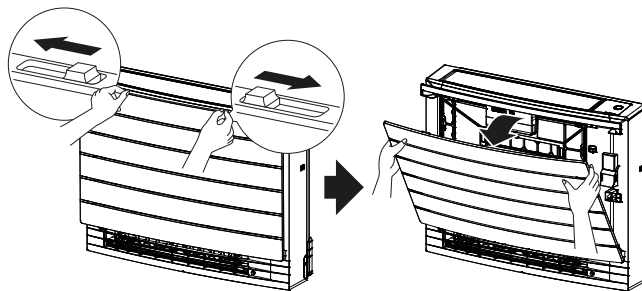


**2**   Open the front panel and undo the string.
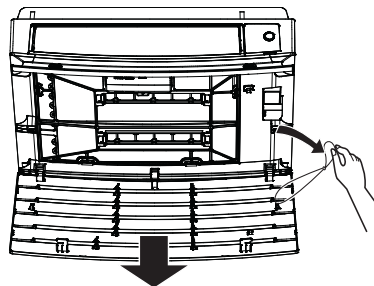


**3**   Remove the front panel.

**4**   Wipe it with a soft cloth soaked in water.

**5**   Let it dry in the shade after washing.

**6**   To reinstall and close the front panel, see "8.10 To re-install the front panel" [▶ 50].

## 8.4 About the air filters

Operating the unit with dirty filters means that the filter:

▪ CANNOT deodorise the air,

▪ CANNOT clean the air,

▪ poor heating/cooling,

▪ causes odour.

## 8.5 To remove the filters

**1** Remove the front panel. Refer to "8.3 To clean the front panel" [▶ 47].

**2** Carefully remove the air filter tabs from the claws (a) on the sides. Hold the air filter by the filter knob (b) and unhook the air filter tab from the claw (c) on the top. Pull the filter up to remove the filter tabs from the claws on the bottom (d).
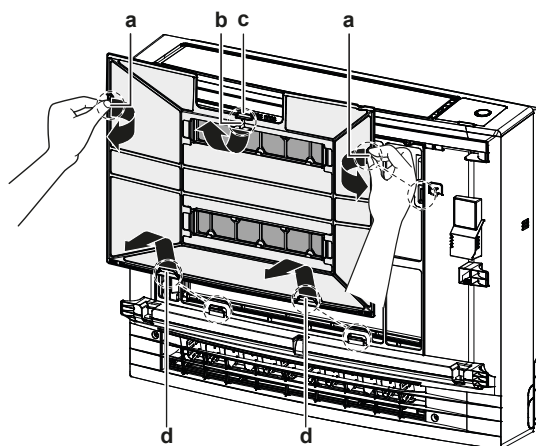


| | |
|---|---|
| **a** | Tabs for claws on the side |
| **b** | Filter knob |
| **c** | Tab for the claw on the top |
| **d** | Tabs for claws on the bottom |

**3** Remove both titanium apatite deodorising filters from the claws (4 on each).
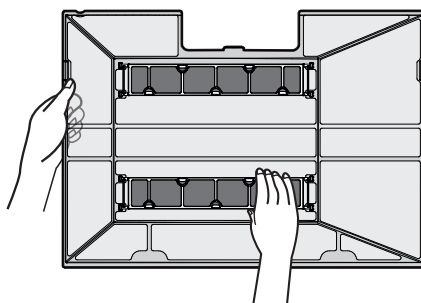


## 8.6 To clean the air filter

**1** Wash the air filter with water or clean it with a vacuum cleaner.
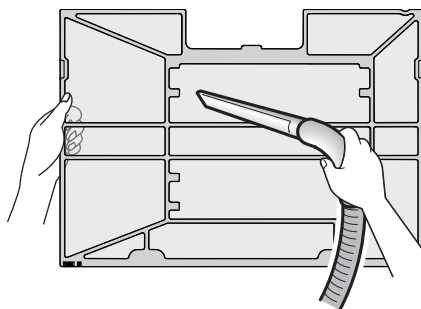
> **i** **INFORMATION**
> - If the dust does NOT come off easily, wash them with a neutral detergent diluted in lukewarm water. Dry the air filters in the shade.
> - It is recommended to clean the air filters every 2 weeks.

## 8.7 To clean the titanium apatite deodorising filter

> **i** **INFORMATION**
> Clean the filter with water every 6 months.

**1** Remove the dust from the filter with a vacuum cleaner.
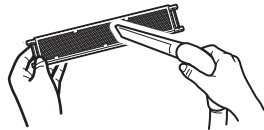


**2** Soak the filter for 10 to 15 minutes in warm water. Do NOT remove the filter from the frame.



**3** After washing, shake off remaining water and dry the filter in the shade. Do NOT wring out the filter when removing water.

## 8.8 To replace the titanium apatite deodorising filter

> **i** **INFORMATION**
> Replace the filter every 3 years.

**1** Remove the filer from the tabs of the filter frame and replace the filter with a new one.
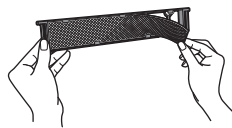


> **i** **INFORMATION**
> - Do NOT throw away the filter frame, but use it again.
> - Dispose of the old filter as non-flammable waste.

## 8.9 To reinstall the filters

**1** Hook both titanium apatite deodorising filters to the claws (4 on each).
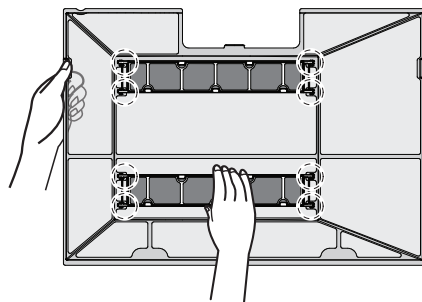
2   Insert the filter tabs to the claws on the bottom (d). Hold the air filter by the filter knob (b) and insert the air filter tab to the claw (c) on the top. Insert the air filter tabs to the claws (a) on the sides. Make sure the air filter is securely fixed in all positions.
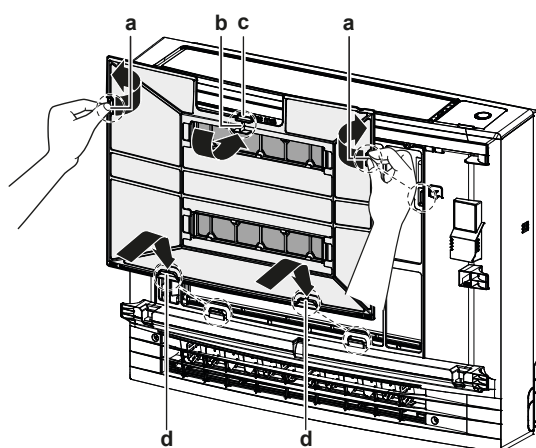


**a**   Tabs for claws on the side
**b**   Filter knob
**c**   Tab for the claw on the top
**d**   Tabs for claws on the bottom

## 8.10  To re-install the front panel

1   Insert the front panel into the grooves of the unit (3 places) and attach the string.
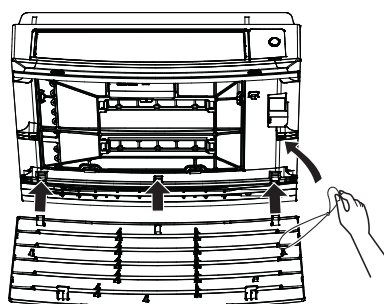


2   Close the front panel and slide both sliders until they click.
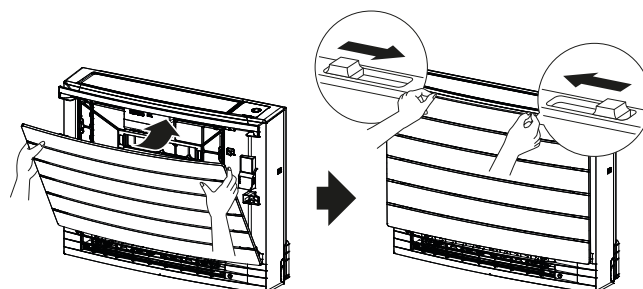
**3**  Push on the sides of the front panel to make sure the front panel is securely fixed.
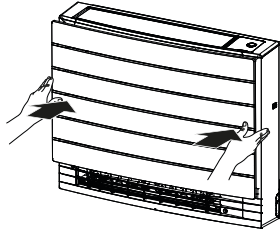


## 8.11  To take following items into account before a long idle period

Operate the unit several hours in **fan only** mode to dry the inside of the unit.

**1**  Press ⬭Mode and select 🌀 operation.

**2**  Press ⏻ and start operation.

**3**  After operation stops, turn the breaker off.

**4**  Clean the air filters and replace them in their original position.

**5**  Remove the batteries from the user interface.

> **ℹ INFORMATION**
>
> It is recommended to have periodical maintenance performed by a specialist. For specialist maintenance, contact your dealer. Maintenance costs shall be borne by the customer.
>
> In certain operating conditions the inside of the unit may get dirty after several seasons of use. This results in poor performance.

# 9 Troubleshooting

If one of the following malfunctions occur, take the measures shown below and contact your dealer.

> ⚠️ **WARNING**
>
> **Stop operation and shut off the power if anything unusual occurs (burning smells etc.).**
>
> Leaving the unit running under such circumstances may cause breakage, electric shock or fire. Contact your dealer.

The system MUST be repaired by a qualified service person.

| Malfunction | Measure |
|---|---|
| If a safety device such as a fuse, a breaker or an earth leakage breaker frequently actuates or the ON/OFF switch does NOT function properly. | Turn OFF the main power switch. |
| If water leaks from the unit. | Stop operation. |
| The operation switch does NOT function properly. | Turn OFF the power supply. |
| The Daikin eye flashes and you can check the error code by the user interface. To display the error code, see "9.3 Solving problems based on error codes" [▶ 56]. | Notify your installer and report the error code. |

If the system does NOT operate properly except for the above mentioned cases and none of the above mentioned malfunctions is evident, investigate the system in accordance with the following procedures.

| Malfunction | Measure |
|---|---|
| If the system does NOT operate at all. | ▪ Check if there is no power failure. Wait until power is restored. If a power failure occurs during operation, the system automatically restarts immediately after power is restored.<br>▪ Check if no fuse has blown or breaker is activated. Change the fuse or reset the breaker if necessary.<br>▪ Check the batteries of the user interface. |
| The system suddenly stops operating. | ▪ Check if the air inlet or outlet of the outdoor or indoor unit is NOT blocked by obstacles. Remove any obstacles and make sure the air can flow freely.<br>▪ The air conditioner may stop operating after sudden large voltage fluctuations to protect the system. It automatically resumes operation after about 3 minutes. |

| Malfunction | Measure |
|---|---|
| The system operates, but cooling or heating is insufficient. | ▪ Check the airflow rate setting. Refer to "6.4 Airflow rate" [▶ 23].<br>▪ Check the temperature setting. Refer to "6.3.1 To start/stop operation mode and to set the temperature" [▶ 22].<br>▪ Check if the airflow direction setting is appropriate. Refer to "6.5 Airflow direction" [▶ 23].<br>▪ Check if the air inlet or outlet of the outdoor or indoor unit is NOT blocked by obstacles. Remove any obstacles and make sure the air can flow freely. |
| The system operates, but cooling or heating is insufficient (air is NOT blown from the unit). | ▪ The air conditioner may be warming up for heating operation. Wait for 1 to 4 minutes.<br>▪ The unit may be in defrost operation. |
| The system operates, but cooling or heating is insufficient (air is blown from the unit). | ▪ Check if the air filters are clogged. Clean the air filters. See "8 Maintenance and service" [▶ 45].<br>▪ Check for open doors or windows. Close doors and windows to prevent wind from coming in.<br>▪ Check if the unit operates in Econo operation. Refer to "6.9.1 Econo operation" [▶ 28].<br>▪ Check if there is any furniture directly next to the indoor unit. Move the furniture. |
| An abnormal function happens during operation. | The air conditioner may malfunction because of lightning or radio waves. Turn the breaker OFF and back ON. |
| The unit does NOT receive signals from the user interface. | ▪ Check the batteries of the user interface.<br>▪ Make sure that the transmitter is NOT exposed to direct sunlight.<br>▪ Check if there are any electronic starter type fluorescent lamps in the room. Contact your dealer. |
| The user interface display is blank or displays ⧄. | Replace the batteries of the user interface. |
| You can check the error code by the user interface. | Consult your local dealer. Refer to "9.3 Solving problems based on error codes" [▶ 56] for how to check error codes and for a detailed list of error codes. |
| Other electric appliances start to operate. | If the user interface signals operate other electric appliances, move the other appliances away, and contact your dealer. |

If after checking all above items, it is impossible to fix the problem yourself, contact your installer and state the symptoms, the complete model name of the unit (with manufacturing number if possible) and the installation date (possibly listed on the warranty card).

## 9.1 Troubleshooting for wireless LAN connection

The following table provides a brief description of how to deal with some problems. If none of the following solutions fix the problem, go to http://www.onlinecontroller.daikineurope.com/ for more information and FAQ.

| Problem | Measure |
|---|---|
| Connection to the wireless LAN is not possible (Daikin eye is NOT blinking during wireless LAN connection setting). | • Try operating the unit with the user interface.<br>• Check if the power is on.<br>• Turn the unit off and back on again. |
| The wireless LAN is NOT visible on the unit overview screen (Home screen) after configuration of the WLAN adapter (WPS option). | • Make sure the wireless LAN is close enough to the communication device.<br>• Check if communication is OK.<br>• Make sure that the smart device is connected to the same wireless network as the wireless LAN.<br>• Try resetting to the factory default and repeat the setting. See "To reset the connection setting to the factory default" [▶ 40]. |
| The wireless LAN is NOT visible in the available Wi-Fi networks list on the smart device (Access point option). | • Try switching between access point and WPS setting to change the wireless channel. The wireless channel MUST be between 1~13.<br>• Check if communication is OK.<br>• Try resetting to the factory default and repeat the setting. See "To reset the connection setting to the factory default" [▶ 40]. |
| The indoor/outdoor temperature value displayed in the Daikin Residential Controller app differs from the value measured by other appliances. | • The Daikin Residential Controller app displays the indoor/outdoor temperature for the area surrounding the indoor/outdoor unit only.<br>• The measured temperature for other appliances may differ due to different conditions around the unit (e.g. direct sunlight, frost accumulation...)<br>• The temperature displayed in the Daikin Residential Controller app is for information only. |

## 9.2 Symptoms that are NOT system malfunctions

The following symptoms are NOT system malfunctions:

### 9.2.1 Symptom: Airflow temperature is not high enough during Heat plus operation

- When the outdoor temperature is low and falls below freezing point, the airflow temperature may be insufficient.
- During multi-room operation with multi outdoor unit connection, discharge air temperature may be unable to reach a sufficient value.

### 9.2.2 Symptom: A sound like water flowing is heard

- This sound is caused by the refrigerant flowing in the unit.
- This sound may be generated when water is flowing away from the unit during cooling or drying operation.

### 9.2.3 Symptom: A blowing sound is heard

This sound is generated when the direction of the refrigerant flow is changed (e.g. when switching from cooling to heating).

### 9.2.4 Symptom: A ticking sound is heard

This sound is generated when the unit slightly expands or contracts with changes in temperature.

### 9.2.5 Symptom: A whistling sound is heard

This sound is generated by the refrigerant flowing during defrost operation.

### 9.2.6 Symptom: A clicking sound during operation or idle time is heard

This sound is generated when the refrigerant control valves or electrical parts operate.

### 9.2.7 Symptom: A clapping sound is heard

This sound is generated when an external device sucks air out of the room (e.g. exhaust fan, extractor hood) while the doors and windows in the room are closed. Open the doors or windows, or turn off the device.

### 9.2.8 Symptom: White mist comes out of a unit (Indoor unit)

- When humidity is high during cooling operation (in oily and dusty places). If the interior of an indoor unit is extremely contaminated, the temperature distribution inside a room becomes uneven. It is necessary to clean the interior of the indoor unit. Ask your dealer for details on cleaning the unit. This operation requires a qualified service person.
- When the air conditioner is changed over to heating operation after defrost operation. Moisture generated by defrost becomes steam and exits.

### 9.2.9 Symptom: The units can give off odours

The unit can absorb the smell of rooms, furniture, cigarettes, etc., and then emit it again.

### 9.2.10 Symptom: The outdoor fan rotates while the air conditioner is not in operation

- **After operation has stopped.** The outdoor fan continues to rotate for another 30 seconds for system protection.

- **While the air conditioner is not in operation.** When the outdoor temperature is very high, the outdoor fan starts to rotate for system protection.

### 9.2.11 Symptom: Fan speed does not correspond with the setpoint

- During cooling operation in Multi system, the indoor unit may change the fan speed to high, regardless of the user setting, in order to defrost the indoor unit heat exchanger.

- During Indoor unit quiet operation, when both outdoor and indoor ambient temperature is very high, the indoor unit increases the fan speed to protect the system.

## 9.3 Solving problems based on error codes

**Fault diagnosis by user interface**

If the unit runs into a problem, you can identify the fault by checking the error code by the user interface. It is important to understand the problem and take measures before resetting the error code. This should be done by a licensed installer or your local dealer.

> **i** **INFORMATION**
>
> See the service manual for:
>
> - The complete list of error codes
> - A more detailed troubleshooting guideline for each error

**To check the error code by the user interface**

1  Aim the user interface at the unit and press [Cancel] for about 5 seconds.

   **Result:** 00 blinks in the temperature setting display section.

2  Aim the user interface at the unit and press [Cancel] repeatedly until a continuous beep is heard.

   **Result:** The code is now displayed on the display.

> **i** **INFORMATION**
>
> - A short beep and 2 consecutive beeps indicate non-corresponding codes.
> - To cancel the code display, hold [Cancel] for 5 seconds. The code will also disappear from the display if the button is NOT pressed within 1 minute.

**System**

| Error code | Description |
|---|---|
| 00 | Normal |
| U0 | Refrigerant shortage |
| U2 | Overvoltage detection |
| U3 | Transmission malfunction |

| Error code | Description |
|---|---|
| U4 | Signal transmission error (between indoor and outdoor unit) |
| UA | Indoor/outdoor unit combination fault |
| UH | System malfunction |

**Indoor unit**

| Error code | Description |
|---|---|
| A1 | Indoor unit PCB abnormality |
| A5 | Freeze-up protection or high-pressure control |
| A6 | Fan motor (DC motor) abnormality |
| AH | Streamer unit error |
| C4 | Indoor heat exchanger thermistor abnormality |
| C9 | Room temperature thermistor abnormality |
| CC | Humidity sensor error |

**Outdoor unit**

| Error code | Description |
|---|---|
| EA | 4-way valve abnormality |
| E1 | Outdoor unit PCB abnormality |
| E3 | Actuation of high pressure switch (HPS) |
| E5 | Overload activation (compressor overload) |
| E6 | Compressor lock |
| E7 | DC fan lock |
| F3 | Discharge pipe temperature control |
| F6 | High-pressure control (in cooling mode) |
| H0 | Compressor system sensor abnormality |
| H3 | Malfunction of high pressure switch (HPS) |
| H6 | Position sensor abnormality |
| H8 | DC voltage / current sensor abnormality |
| H9 | Outdoor temperature thermistor abnormality |
| J3 | Discharge pipe thermistor abnormality |
| J6 | Outdoor heat exchanger thermistor abnormality |
| J8 | Malfunction of liquid pipe thermistor (refrigerant circuit and others) |
| L3 | Electrical parts heat error |
| L4 | Radiation fin temperature rise |
| L5 | Inverter instantaneous overcurrent (DC) |
| P4 | Radiation fin thermistor abnormality |
| F8 | Compressor internal temperature error |

# 10 Disposal

> **(!) NOTICE**
>
> Do NOT try to dismantle the system yourself: dismantling of the system, treatment of the refrigerant, oil and other parts MUST comply with applicable legislation. Units MUST be treated at a specialised treatment facility for reuse, recycling and recovery.

# 11 Glossary

**DHW = Domestic hot water**

Hot water used, in any type of building, for domestic purposes.

**LWT = Leaving water temperature**

Water temperature at the water outlet of the unit.

**Dealer**

Sales distributor for the product.

**Authorised installer**

Technical skilled person who is qualified to install the product.

**User**

Person who is owner of the product and/or operates the product.

**Applicable legislation**

All international, European, national and local directives, laws, regulations and/or codes that are relevant and applicable for a certain product or domain.

**Service company**

Qualified company which can perform or coordinate the required service to the product.

**Installation manual**

Instruction manual specified for a certain product or application, explaining how to install, configure and maintain it.

**Operation manual**

Instruction manual specified for a certain product or application, explaining how to operate it.

**Accessories**

Labels, manuals, information sheets and equipment that are delivered with the product and that need to be installed according to the instructions in the accompanying documentation.

**Optional equipment**

Equipment made or approved by Daikin that can be combined with the product according to the instructions in the accompanying documentation.

**Field supply**

Equipment NOT made by Daikin that can be combined with the product according to the instructions in the accompanying documentation.

EAT