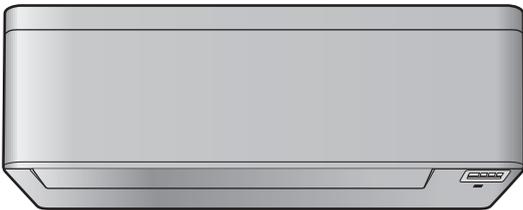




# Operation manual

## Daikin room air conditioner



**FTXTA30B2V1BW**  
**FTXTA30B2V1BB**

Operation manual  
Daikin room air conditioner

**English**

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# 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



### 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 User safety instructions

Always observe the following safety instructions and regulations.

### 2.1 Instructions for safe operation



#### **WARNING: MILDLY FLAMMABLE MATERIAL**

The refrigerant inside this unit is mildly flammable.



#### **CAUTION**

The indoor unit contains radio equipment, minimum separation distance between the radiating part of the equipment and the user is 10 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 position of the flaps and louvers. When the flaps and louvers are swinging and you move them forcibly by hand, the mechanism will break.



#### **CAUTION**

NEVER expose little children, plants or animals directly to the airflow.



#### **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 so as to prevent mechanical damage and in a well-ventilated room without continuously operating ignition sources (e.g. open flames, an operating gas appliance, or an operating electric

### 3 About the system

heater). The room size shall be as specified in the General safety precaution.

#### **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.

#### **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**

Be careful with ladders when working in high places.

#### **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**

**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.

### 3 About the system



#### **WARNING: MILDLY FLAMMABLE MATERIAL**

The refrigerant inside this unit is mildly flammable.



#### **CAUTION**

The indoor unit contains radio equipment, minimum separation distance between the radiating part of the equipment and the user is 10 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.

#### 3.1 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**

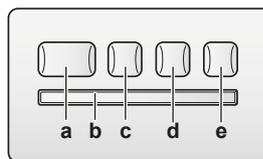
The sound pressure level is less than 70 dBA.



#### **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.

#### 3.1.1 Indoor unit display



- a ON/OFF button
- b Signal receiver
- c Timer lamp (orange)
- d Intelligent eye lamp (green)
- e Wireless adapter ON/OFF button

#### **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

#### 3.2 About the user interface

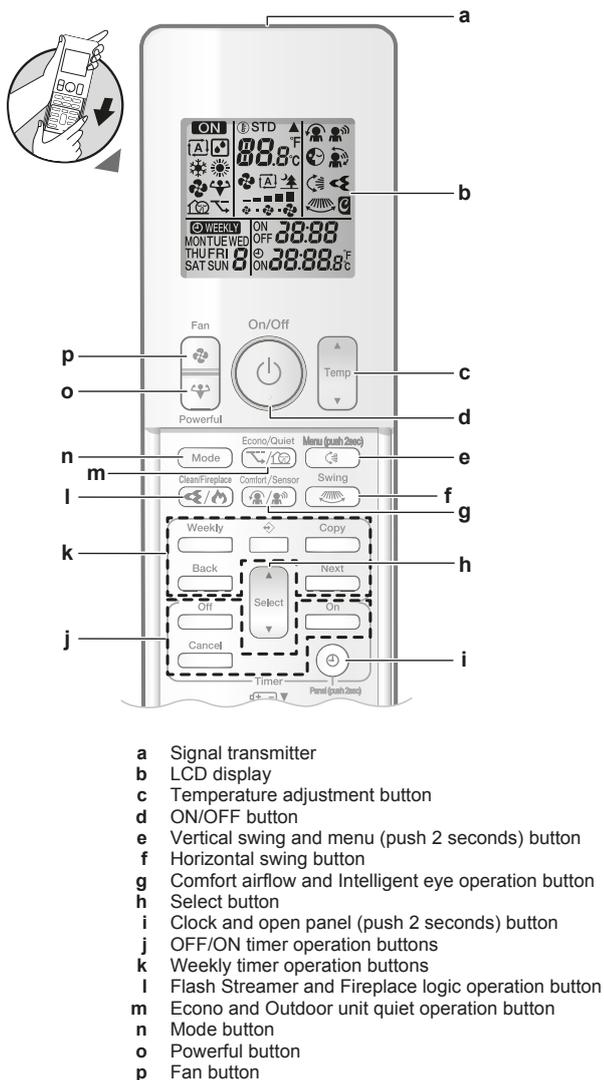
- Direct sunlight.** Do NOT expose the user interface to direct sunlight.

- **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.

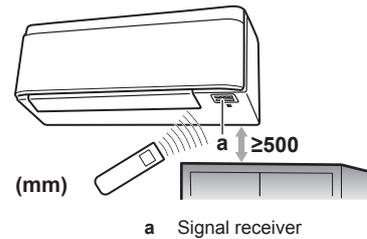
**3.2.1 Components: User interface**



**INFORMATION**

Use (hold for 2 seconds) to open the front panel when you clean the air filters. See "7.4 To open the front panel" [p. 15].

**3.2.2 To operate the user interface**



**Note:** Make sure that there are no obstacles within 500 mm under the signal receiver. They may influence reception performance of the user interface.

- 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:

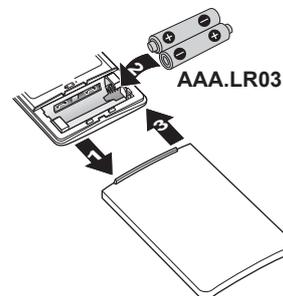
Sound	Description
Beep-beep	Operation starts.
Beep	Setting changes.
Long beep	Operation stops.

**4 Before operation**

**4.1 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**

- Low energy of battery is indicated by flashing of LCD display.
- ALWAYS replace both batteries at once.

**4.2 To mount the user interface holder**



## 4 Before operation

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

- Choose a place where the signals reach the unit.
- Attach the holder with screws to the wall or a similar location.
- Hang the user interface on the user interface holder.

### 4.3 To set the clock

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

- Press ☉.

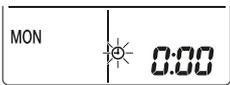
**Result:** MON and ☉ blink



- Press or to set the current day of the week.

- Press ☉.

**Result:** ☉ blinks.



- Press or to set the correct time.

**Note:** Holding down or increases or decreases the time setting rapidly.

- Press ☉.

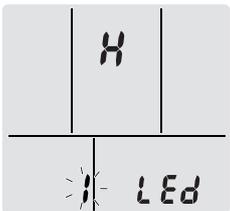
**Result:** Setting is complete. . blinks.



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

- Press for at least 2 seconds.

**Result:** The menu *H* appears on the display. *H* is blinking.



- Press .

- Press or to change the setting as follows:



...is blinking	Brightness is...
H	High
L	Low
oF	Off

- To confirm the selected setting, press .

**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 twice.

### 4.5 To turn on the power supply

- Turn the circuit breaker on.

**Result:** The flap of the indoor unit will open and close to set the reference position.

### 4.6 To change indoor unit position setting

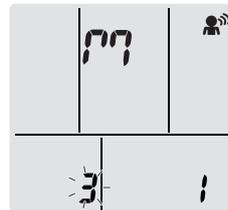
Set the indoor unit position to avoid direct airflow to walls.

- Press for at least 2 seconds.

**Result:** The menu *!* appears on the display.

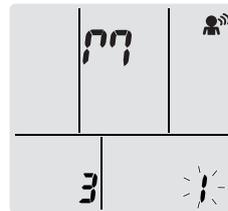
- Press or to change the menu to *3*.

**Result:** The menu *3* appears on the display. *3* blinks.



- Press to select the menu.

**Result:** *!* blinks.



- Press or to change the setting as follows:



If the unit is...	Symbol	Blinks	Result
In the middle of the wall (factory default setting)	!!	!	
≤500 mm from the wall on right	!2	2	
≤500 mm from the wall on left	!3	3	

**Result:** The airflow range will be adjusted to avoid direct contact with the wall.

## 5 Operation

### 5.1 Operation range

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

Operation mode	Operation range
Cooling <sup>(a)(b)</sup>	<ul style="list-style-type: none"> <li>Outdoor temperature: -10~46°C DB</li> <li>Indoor temperature: 18~32°C DB</li> <li>Indoor humidity: ≤80%</li> </ul>
Heating <sup>(a)</sup>	<ul style="list-style-type: none"> <li>Outdoor temperature: -25~24°C DB</li> <li>Indoor temperature: 10~30°C DB</li> </ul>
Drying <sup>(a)</sup>	<ul style="list-style-type: none"> <li>Outdoor temperature: -10~46°C DB</li> <li>Indoor temperature: 18~32°C DB</li> <li>Indoor humidity: ≤80%</li> </ul>

<sup>(a)</sup> A safety device might stop the operation of the system if the unit runs outside its operation range.

<sup>(b)</sup> Condensation and water dripping might occur if the unit runs outside its operation range.

### 5.2 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.

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



**ON**: Unit is operating.

**A**: Operation mode = Automatic

: Operation mode = Drying

: Operation mode = Cooling

: Operation mode = Heating

: Operation mode = Fan only

**88.8**: Shows the set temperature.

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

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



- Press **Power** to start operation.

**Result:** **ON** and the selected mode are displayed on the LCD.

- 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.

- Press **Power** to stop operation.

**Result:** **ON** disappears from the LCD. The operation lamp goes off.

### 5.3 Airflow rate



#### INFORMATION

- When using drying operation mode, you CANNOT adjust the airflow rate setting.
- The airflow rate in heating mode will lower to avoid generating cold airflow. When temperature of the airflow rise, operation will continue at the set airflow rate.

- Press **Airflow** to choose:

	5 airflow rate levels, from "1" to "5"
	Automatic airflow rate operation
	Indoor unit quiet operation. When the airflow rate is set to "1", the noise from the unit will be reduced.



#### INFORMATION

If the unit reach the temperature setpoint:

- in cooling or automatic mode. Fan will stop operating.
- in heating mode. Fan will operate in low airflow rate.

### 5.3.1 To adjust the airflow rate

- Press **Airflow** to change the airflow setting as follows:



## 5 Operation

### 5.4 Airflow direction

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

**What.** The system directs the airflow differently, depending on the user selection (swinging or fixed position). It does so by moving horizontal blades (flaps) or vertical blades (louvers).

Setting	Airflow direction
 Vertical automatic swing	Moves up and down.
 Horizontal automatic swing	Moves from side to side.
 3-D airflow direction	Moves alternately up and down and from side to side
[—]	Stays in a fixed position.

#### CAUTION

ALWAYS use a user interface to adjust the position of the flaps and louvers. When the flaps and louvers are swinging and you move them forcibly by hand, the mechanism will break.

The movable range of the flap varies according to the operation mode. The flap will stop at the upper position when the airflow rate is changed to low during the up and down swing setting.

#### 5.4.1 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.

#### 5.4.2 To adjust horizontal airflow direction

- 1 Press .

**Result:**  appears on the LCD. The louvers (vertical blades) will begin to swing.

- 2 To use fixed position, press  when the louvers reach the desired position.

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

#### 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.

#### 5.4.3 To use 3-D airflow direction

- 1 Press  and .

**Result:**  and  appear on the LCD. The flaps (horizontal blades) and louvers (vertical blades) will begin to swing.

- 2 To use fixed position, press  and  when the flaps and louvers reach the desired position.

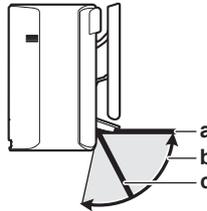
**Result:**  and  disappear from the LCD. The flaps and the louvers will stop moving.

### 5.5 Comfort airflow and Intelligent eye operation

You can use Comfort and Intelligent eye operation separately, or combine them.

#### 5.5.1 Comfort airflow operation

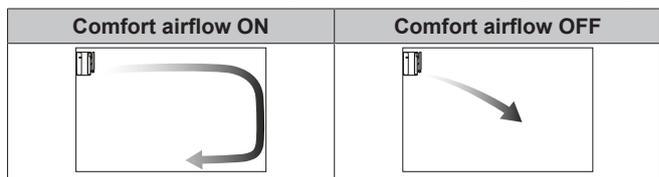
The unit will automatically change the direction of the airflow to heat up or cool down the room more effectively. Direct airflow from the unit will be less noticeable.



- a Flap position in cooling and dry operation
- b Flap range in heating operation (vertical airflow ON)
- c Flap position in heating operation (vertical airflow OFF)

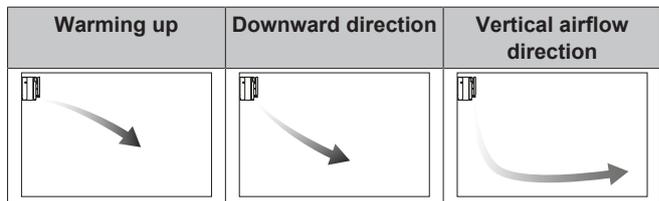
#### In cooling and drying

The airflow direction will change to spread the air along the ceiling.



#### In heating

The airflow direction will change to spread the air along the floor. The unit detects the room and floor temperature and automatically selects 1 of the 3 airflow directions.



#### INFORMATION

If you want to deactivate the Vertical airflow function (e.g. in case there is furniture or another object under the unit), refer to "To turn ON/OFF vertical airflow function" [p. 8]. If the Vertical airflow function is deactivated, the airflow will be set to downward direction.

#### INFORMATION

Powerful and Comfort airflow operation CANNOT be used at the same time. The last selected function takes priority. If the vertical automatic swing is selected, Comfort airflow operation will be cancelled.

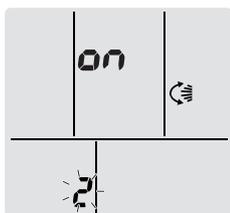
#### To turn ON/OFF vertical airflow function

- 1 Press  for at least 2 seconds.

**Result:** The menu  appears on the display.

- 2 Press  or  to change the menu screen.

**Result:** The menu  appears on the display.



3 Press to change the setting.

4 Press or to change the setting.

...is blinking	Vertical airflow function is...
ON	turned ON
OF	turned OFF

5 To confirm the selected setting press .

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

### 5.5.2 Intelligent eye operation

The system detects movement in the room and automatically adjusts the airflow direction and temperature in order to avoid direct contact with people. If no movement is detected for 20 minutes, the system switches to energy saving operation:

#### About the Intelligent eye sensor



#### NOTICE

- Do NOT hit or push the Intelligent eye sensor. Doing so may lead to malfunction.
- Do NOT place large objects near the Intelligent eye sensor.



#### INFORMATION

Powerful or Night set operation CANNOT be used at the same time with Intelligent eye operation. The last selected function takes priority.

- Detection range.** Up to 9 m.
- Detection sensitivity.** Changes according to location, the number of persons in the room, temperature range, etc.
- Detection mistakes.** The sensor may mistakenly detect pets, sunlight, moving curtains, etc.

### 5.5.3 To start/stop Comfort and Intelligent eye operation

1 Press one or more times.

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



Display	Operation
	Comfort airflow
	Intelligent eye
	Comfort airflow and Intelligent eye
—	Both deactivated

**Note:** If there are people close to the front of the indoor unit or there are too many people, use both operations at the same time.

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

## 5.6 Powerful operation

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



#### INFORMATION

Powerful operation CANNOT be used together with Econo, Comfort airflow, Intelligent eye 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.

### 5.6.1 To start/stop Powerful operation

1 Press to start.

**Result:** is displayed on the LCD. Powerful operation runs for 20 minutes; after that, operation returns to the previously set mode.

2 Press to stop.

**Result:** disappears from the LCD.

**Note:** Powerful operation can be set only when the unit is running. If you press or if you change operation mode, operation will be cancelled; disappears from the LCD.

## 5.7 Econo and Outdoor unit quiet operation

### 5.7.1 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.



#### INFORMATION

- Powerful and Econo operation CANNOT be used at the same time. The last selected function takes priority.
- 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.

### 5.7.2 Outdoor unit quiet operation

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



#### INFORMATION

- Powerful and Outdoor unit quiet operation CANNOT be used at the same time. The last selected function takes priority.
- This function 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.

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

1 Press one or more times.

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

## 5 Operation



Display	Operation
	Econo
	Outdoor unit quiet
	Econo and Outdoor unit quiet
—	Both deactivated

- 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.

### 5.8 Flash Streamer and Fireplace logic operation

#### 5.8.1 Flash Streamer (air cleaning) operation

Streamer generates a high-speed electron stream with a high oxidizing power, reducing bad odours. Together with the titanium apatite deodorising filter and the air filters, this function cleans the air in the room.

#### 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.

#### 5.8.2 Fireplace logic operation

Use Fireplace logic operation to equally distribute the hot air from an external heat source (e.g. fireplace) across the room.

#### INFORMATION

- If the set temperature is reached in heating mode, the operation Fireplace logic will start automatically.
- During Fireplace logic operation the indoor unit fan distributes the hot air from the external source across the room.
- The airflow rate depends on difference between set temperature and temperature in the room (higher temperature difference = higher airflow rate).

#### 5.8.3 To start/stop Flash Streamer and Fireplace logic operation

#### INFORMATION

Fireplace logic operation can be activated only in heating operation mode (see "5.2.1 To start/stop operation mode and to set the temperature" [p 7])

- Press one or more times.

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



Display	Operation
	Flash Streamer (air cleaning)

Display	Operation
	Fireplace logic
	Flash Streamer and Fireplace logic
—	Both deactivated

- To stop operation, press until both symbols disappear from the LCD.

### 5.9 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.

#### 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.

#### INFORMATION

The clock MUST be set correctly before using any timer functions. Refer to "4.3 To set the clock" [p 6].

#### 5.9.1 To start/stop OFF timer operation

- Press to start.

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



- Press or to change the time setting.
- Press again.

**Result:** OFF and the set time are displayed on the LCD.

**Result:** The timer lamp lights up.

#### INFORMATION

Each time or is pressed, the time setting advances by 10 minutes. Holding the button down will change the setting rapidly.

- To stop operation, press .

**Result:** and OFF disappear from the LCD and the timer lamp goes off. and the day of the week are displayed on the LCD.

#### INFORMATION

When you set the ON/OFF timer, the time setting is stored in the memory. The memory will be reset when the user interface batteries are replaced.

#### Use of night set mode in combination with OFF timer

The air conditioner automatically adjusts the temperature setting (0.5°C up in cooling, 2.0°C down in heating) to prevent excessive cooling/heating and ensure a comfortable sleeping temperature.

#### 5.9.2 To start/stop ON timer operation

- Press to start.

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



- Press or to change the time setting.
- Press again.

**Result:** **ON** and the set time are displayed on the LCD. The timer lamp lights up.

### INFORMATION

Each time or is pressed, the time setting advances by 10 minutes. Holding the button down will change the setting rapidly.

- To stop operation, press .

**Result:** **6:00** and **ON** disappear from the LCD and the timer lamp goes off. and the day of the week are displayed on the LCD.

## 5.9.3 To combine OFF timer and ON timer

- To set the timers, refer to "5.9.1 To start/stop OFF timer operation" [p. 10] and "5.9.2 To start/stop ON timer operation" [p. 10].

**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.

## 5.10 Weekly timer operation

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
<b>Monday</b> • Make up to 4 settings.	
<b>Tuesday~Friday</b> • Use the copy mode if the settings are the same as for Monday.	
<b>Saturday</b> • No timer setting	—
<b>Sunday</b> • 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 "4.3 To set the clock" [p. 6].

### 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, 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.

### 5.10.1 To set Weekly timer operation

- Press .

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



- Press or to select the day of the week and the reservation number.
- Press .

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



- Press or to select the mode.

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



Display	Feature
ON	ON timer
OFF	OFF timer
Blank	Deletes reservation

- Press .

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



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

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

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



## 5 Operation

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

- 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.

- Press **Next**.

**Result:** The temperature and time are set for the ON timer. The time is set for the OFF timer. The timer lamp lights orange.

**Result:** A new reservation screen will appear.

- Repeat the previous procedure to set another reservation or press **Select** 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 "5.10.2 To copy reservations" [▶ 12].

### 5.10.2 To copy reservations

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

- Press **Select**.
- Press **Select** or **Select** to select the day of the week to be copied.
- Press **Copy**.

**Result:** The reservation of the selected day of the week will be copied.



- Press **Select** or **Select** to select the destination day.
- Press **Copy**.

**Result:** The whole reservation is copied to the selected day and the timer lamp lights orange.



**Note:** To copy to another day, repeat the procedure.

- Press **Select** to complete the setting.

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

**Note:** To change the reservation setting after copying, refer to "5.10.1 To set Weekly timer operation" [▶ 11].

### 5.10.3 To confirm reservations

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

- Press **Select**.

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



- Press **Select** or **Select** 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 "5.10.1 To set Weekly timer operation" [▶ 11].

- Press **Select** to exit the confirmation mode.

### 5.10.4 To deactivate and reactivate Weekly timer operation

- To deactivate the Weekly timer, press **Weekly** while **WEEKLY** is displayed on the LCD.

**Result:** **WEEKLY** disappears from the LCD and the timer lamp goes off.

- To reactivate the Weekly timer, press **Weekly** again.

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

### 5.10.5 To delete reservations

#### To delete individual reservations

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

- Press **Select**.

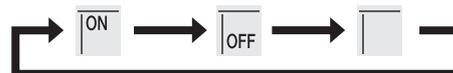
**Result:** The day of the week and the reservation number are displayed.

- Press **Select** or **Select** to select the day of the week to be deleted.
- Press **Next**.

**Result:** **WEEKLY**, **ON**, and **OFF** blink.

- Press **Select** or **Select** and select "blank".

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



- Press **Next**.

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

- Press **Select** 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.

- Press **Select**.

- Press **Select** or **Select** to select the day of the week to be deleted.

- Hold **Weekly** for about 5 seconds.

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

- Press **Select** 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.

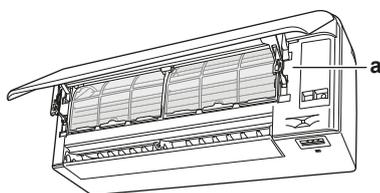
**Result:** All reservations will be deleted.

## 5.11 Wireless LAN connection

The customer is responsible for providing:

- Smartphone or tablet with minimum supported version of Android or iOS, specified on [app.daikineurope.com](http://app.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 or can be found in the accessory bag.



a Label with SSID number and password

### 5.11.1 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.

### 5.11.2 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.

### 5.11.3 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 [app.daikineurope.com](http://app.daikineurope.com).

- 1 Stop operation before setting the wireless connection.
- 2 Use the user interface to select the wireless LAN setting menu.

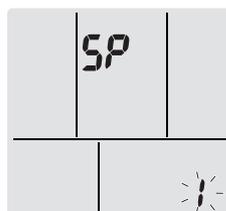
**Note:** Always aim the user interface at the signal receiver on the unit when operating the user interface.

Menu	Description
!	Connection status check
2	WPS connection setting
3	AP mode/RUN mode (SSID + KEY) connection setting
R	Reset to factory default
oFF	Wireless LAN OFF

### To confirm the wireless LAN connection status

- 1 Hold **!** for at least 5 seconds.

**Result:** The confirmation display (menu !) appears.



- 2 Press **!** to confirm the selection.

**Result:** ! is blinking.

- 3 Check the indoor unit LED.

...lamp is blinking.	Status
Timer	Communication is OK
Operation and timer	Communication is OFF

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

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

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

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

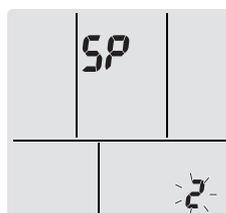
- **WPS** button on the router (if present),
- **SSID** and **KEY** number located on the unit.

#### To connect using the WPS button

- 1 Hold **!** for at least 5 seconds in the default screen.

**Result:** The confirmation display (menu !) appears.

- 2 Press repeatedly **Temp** or **Temp** until the WPS setting display (menu 2) appears.



- 3 Press **!** to confirm the selection.

**Result:** 2 is blinking. The timer LED is blinking.

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



#### INFORMATION

If the connection with your router is not possible, try procedure "To connect using SSID and KEY number" ▶ 14].

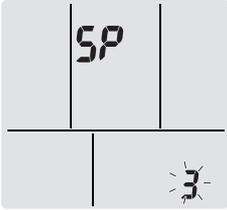
## 6 Energy saving and optimum operation

- 5 Press **Cancel** to exit the menu.

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

### To connect using SSID and KEY number

- 1 Hold  for at least 5 seconds in the default screen.  
**Result:** The confirmation display (menu **!**) appears.
- 2 Press repeatedly  or  until the AP mode display (menu **3**) appears.



- 3 Press  to confirm the selection.  
**Result:** **3** is blinking. The operation and timer LEDs are blinking alternately.
- 4 Connect your smart device to the access point in the same way as to a standard wireless network.
- 5 Enter the SSID number and password located on the unit or in the accessory set.
- 6 Open the Daikin Online Controller application and follow the steps on the screen.  
**Result:** Wireless adapter mode will automatically change from the AP mode to the RUN mode, the timer LED is blinking.
- 7 Press **Cancel** to exit the menu.

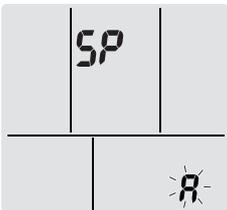
**Result:** The display will return to the default screen.

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

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

- switch between the WPS and the AP connection option,
- disconnect the Wi-Fi adapter and the communication device (e.g. router) or smart device,
- repeat the setting if the connection was unsuccessful.

- 1 Hold  for at least 5 seconds in the default screen.  
**Result:** The confirmation display(menu **!**) appears.
- 2 Press repeatedly  or  until the A display (menu **A**) appears.



- 3 Hold  for at least 2 seconds to confirm the selection.  
**Result:** **A** is blinking. The setting is reset to the factory default.
- 4 Press **Cancel** to exit the menu.  
**Result:** The display will return to the default screen.

### To turn off the wireless LAN connection

You can turn off the wireless connection using:

- the wireless adapter ON/OFF button on the unit,

- the user interface.

### To use the wireless adapter ON/OFF switch

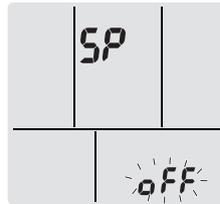
- 1 Press the wireless adapter ON/OFF switch.

**Result:** The wireless adapter communication is OFF.

**Note:** Press the ON/OFF switch again to turn on the wireless adapter.

### To use the user interface

- 1 Hold  for at least 5 seconds in the default screen.  
**Result:** The confirmation display (menu **!**) appears.
- 2 Press repeatedly  or  until the OFF menu appears.



- 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 default screen.

## 6 Energy saving and optimum operation



### 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.



### NOTICE

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.

## 7 Maintenance and service

### 7.1 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<sub>2</sub> equivalent.

**Formula to calculate the quantity in CO<sub>2</sub> 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 so as to prevent mechanical damage and in a well-ventilated room without continuously operating ignition sources (e.g. open flames, an operating gas appliance, or an operating electric heater). The room size shall be as specified in the General safety precaution.



#### 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.



#### WARNING

Be careful with ladders when working in high places.

### 7.2 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.

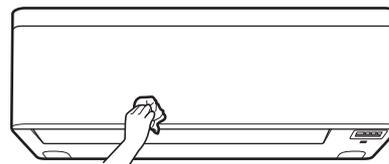


#### DANGER: RISK OF ELECTROCUTION

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.

### 7.3 To clean the front panel



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

### 7.4 To open the front panel

Open the front panel using the user interface.

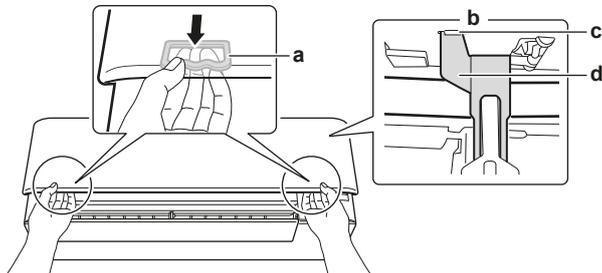
- 1 Stop operation.
- 2 Hold  on the user interface for at least 2 seconds.

## 7 Maintenance and service

**Result:** The front panel will open.

**Note:** Press and hold  again for at least 2 seconds to close the front panel.

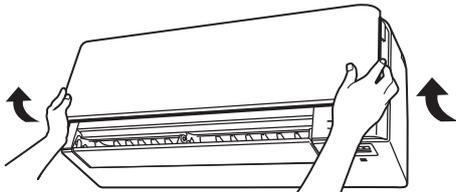
- 3 Turn the power supply off.
- 4 Pull down both locks on the back of the front panel.
- 5 Open the front panel until the support fits into the fixing tab.



- a Lock (1 on each side)
- b Backside of the front panel
- c Fixing tab
- d Support

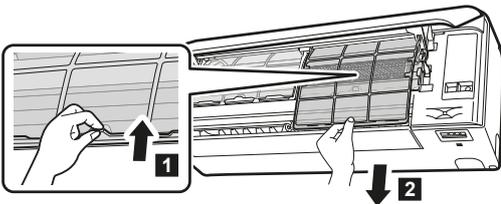
### INFORMATION

If you CANNOT find the user interface or you use another optional controller. Pull the front panel carefully up by hand as shown in the following figure.

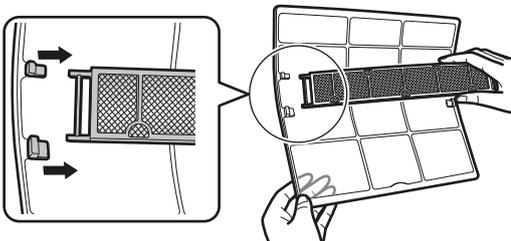


### 7.5 To clean the air filters

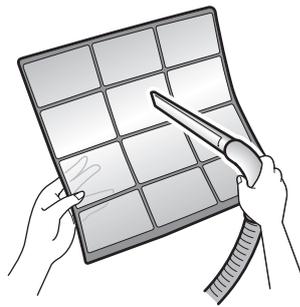
- 1 Push the tab at the centre of each air filter, then pull it down.
- 2 Pull out the air filters.



- 3 Remove the titanium apatite deodorising filter and silver particle filter from the tabs.



- 4 Wash the air filters with water or clean them with a vacuum cleaner.



- 5 Soak in lukewarm water for about 10 to 15 minutes.



### INFORMATION

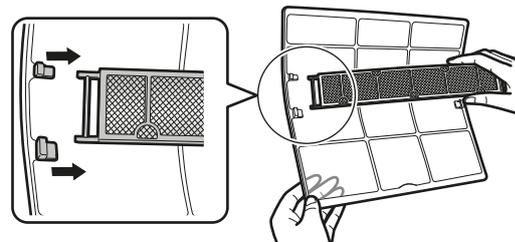
- If the dust does NOT come off easily, wash the air filters with a neutral detergent diluted in lukewarm water. Dry the air filters in the shade.
- Be sure to remove the titanium apatite deodorising and silver particle filters.
- It is recommended to clean the air filters every 2 weeks.

### 7.6 To clean the titanium apatite deodorising filter and the silver particle filter (Ag-ion filter)

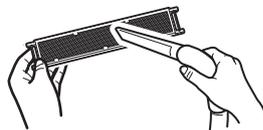
#### INFORMATION

Clean the filter with water every 6 months.

- 1 Remove the silver particle filter (Ag-ion filter) from all 4 claws.



- 2 Remove the dust from the filter with a vacuum cleaner.



- 3 Soak the filter for 10 to 15 minutes in warm water.

**Note:** Do NOT remove the filter from the frame.



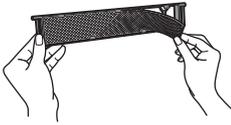
- 4 After washing, shake off remaining water and dry the filter in the shade. Do NOT wring out the filter when removing water.

### 7.7 To replace the titanium apatite deodorising filter and the silver particle filter (Ag-ion filter)

**i** INFORMATION

Replace the filter every 3 years.

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



**i** INFORMATION

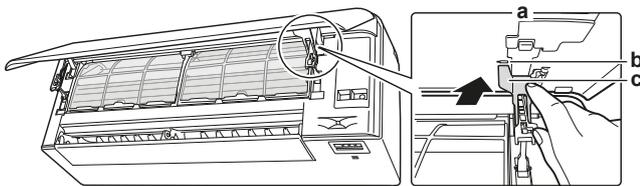
- Do NOT throw away the filter frame, but use it again.
- Dispose of the old filter as non-flammable waste.

To order titanium apatite deodorising filter or silver particle filters, contact your dealer.

Item	Part number
Titanium deodorising filter	KAF970A46
Silver particle filter	KAF057A41

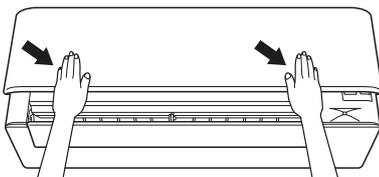
### 7.8 To close the front panel

- 1 Set the filters as they were.
- 2 Lift the front panel slightly and remove the support from the fixing tab.



- a Backside of the front panel
- b Fixing tab
- c Support

- 3 Close the front panel.



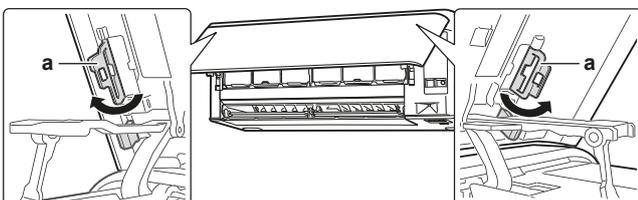
- 4 Gently press the front panel down until it clicks.

### 7.9 To remove the front panel

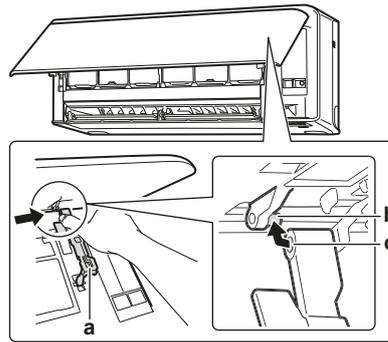
**i** INFORMATION

Remove the front panel only in case it MUST be replaced.

- 1 Open the front panel. See "7.4 To open the front panel" [p 15].
- 2 Open the panel locks located on the back side of the panel (1 on each side).

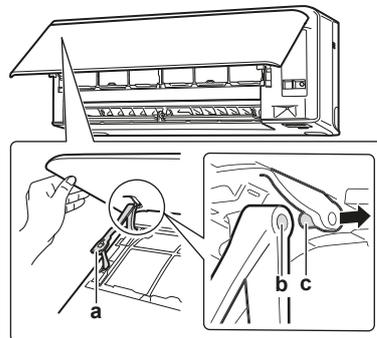


- 3 Push the right arm lightly to the right to disconnect the shaft from the shaft slot on the right side.



- a Arm
- b Shaft
- c Shaft slot

- 4 Disconnect the front panel shaft from the shaft slot on the left side.



- a Arm
- b Shaft slot
- c Shaft

- 5 Remove the front panel.
- 6 To re-install the front panel perform the steps in the opposite order.

### 7.10 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.

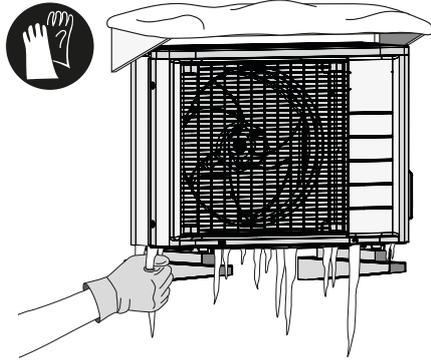
In certain operating conditions the inside of the unit may get dirty after several seasons of use. This results in poor performance.

## 8 Troubleshooting

### 7.10.1 Winter season

#### NOTICE

Any icicles on the outdoor unit **MUST** be removed. Use gloves to avoid injury and damage to the unit.



## 8 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 properly work.	Turn OFF the main power switch.
If water leaks from the unit.	Stop the operation.
The operation switch does NOT work well.	Turn OFF the power supply.
The operation lamp flashes and you can check the error code by the user interface. To display the error code see the user reference guide.	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.

#### INFORMATION

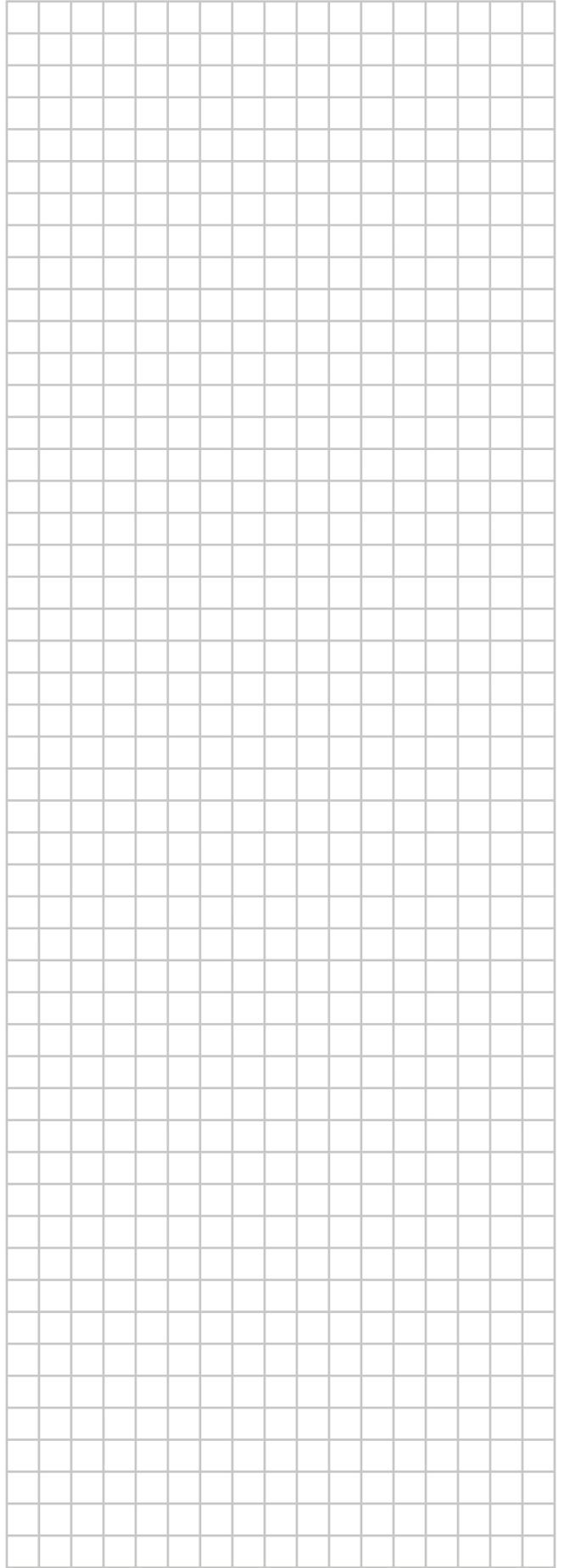
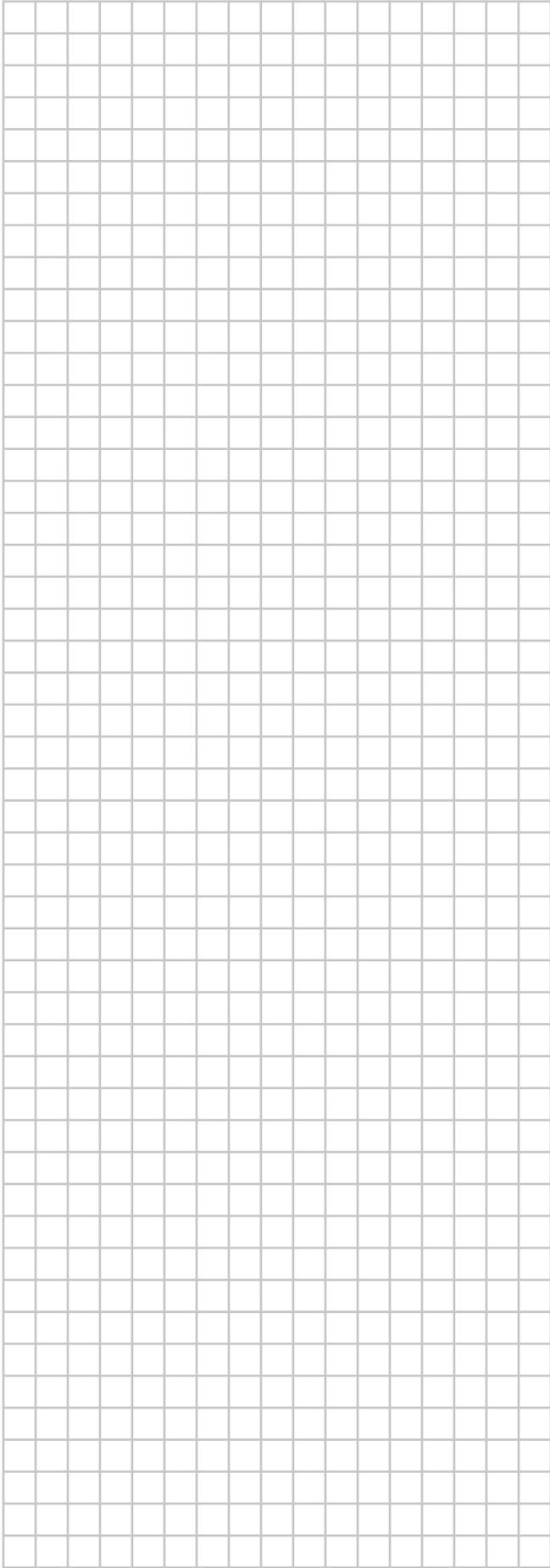
Refer to the reference guide located on <http://www.daikineurope.com/support-and-manuals/product-information/> for more troubleshooting tips.

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 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.





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3P485919-13U 2021.03