

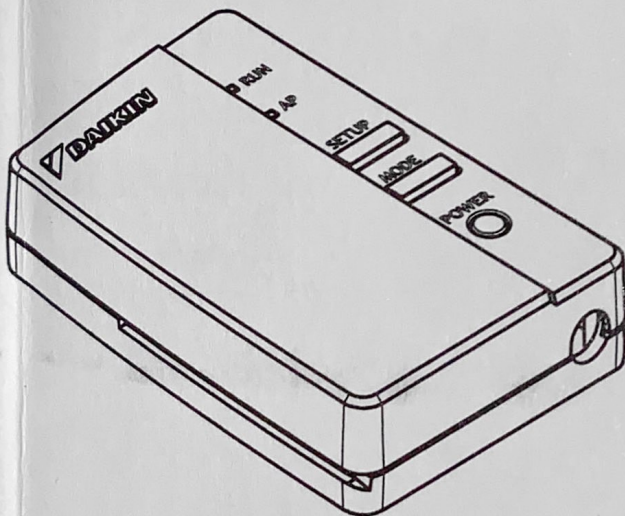
DAIKIN

4P481234-1

Wireless LAN Connecting Adapter

Installation Manual

<BRP069B41> <BRP069B42>
<BRP069B43> <BRP069B44>
<BRP069B45>



English

Deutsch

Français

Nederlands

Español

Italiano

Ελληνικά

Português

Русский

Türkçe

BRP069B41

SSID: DaikinAP97835

KEY : 0307222602835

MAC : COE4346041C4

S/N. : 0834798

3P472916-1

Homepage: <http://www.onlinecontroller.daikineurope.com>



- ◆ For details on specifications, setting methods, FAQ, copy of the original declaration of conformity and the latest version of this manual, see the above homepage.

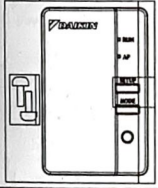
- ◆ Hereby, Daikin Industries Czech Republic s.r.o. declares that the radio equipment type BRP069B41 is in compliance with Directive 2014/53/EU.

Accessories

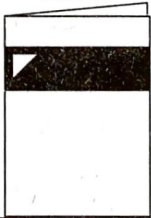
Check if the following accessories are included in your package.

BRP069B41

(A) Wireless LAN connecting adapter

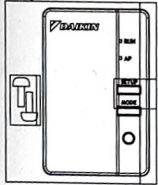


(B) Installation manual

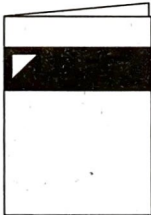


BRP069B42

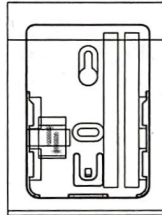
(A) Wireless LAN connecting adapter



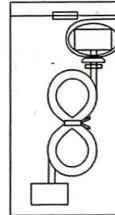
(B) Installation manual



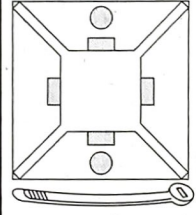
(C) Holder



(D) Wire harness



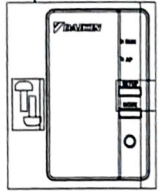
(E) Cable tie with base



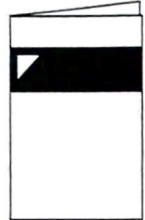
Accessories

BRP069B43

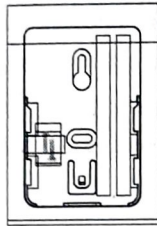
(A) Wireless LAN connecting adapter



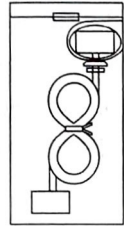
(B) Installation manual



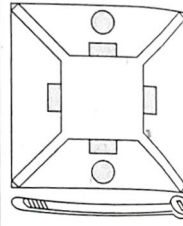
(C) Holder



(D) Wire harness



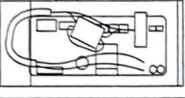
(E) Cable tie with base



(F) Switch box

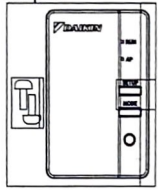


(G) PCB

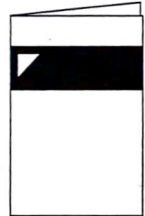


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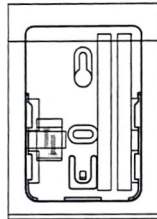
(A) Wireless LAN connecting adapter



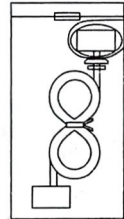
(B) Installation manual



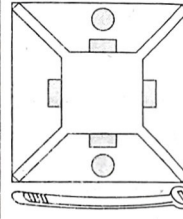
(C) Holder



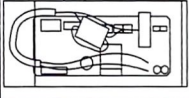
(D) Wire harness



(E) Cable tie with base

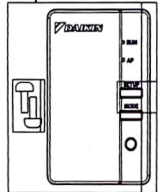


(G) PCB

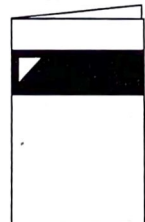


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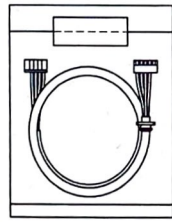
(A) Wireless LAN connecting adapter



(B) Installation manual



(D) Wire harness



Safety precautions

- ◆ The English text is the original instruction. Other languages are translations of the original instructions.
- ◆ The following describes the meanings of pictorial symbols used in this documentation.

Give this installation manual to the customer when installation is completed.

- ◆ To conduct a test run of the air conditioner, follow the installation manual for the air conditioner unit.



The protection of appliances marked with this symbol is ensured by double insulation and does not require a safety connection to electrical earth (ground).



Prohibited



Follow directions



Warning

Situations which could result in death or serious injury.

When installing:



- Request installation by your dealer or a technician. (Can cause electric shock or fire.)
- Always use the accessories and specified parts for installation. Be sure to follow the directions in this installation manual. (Can cause the unit to fall, electric shock or fire.)
- Electrical work should be carried out in accordance with the installation manual and the national electrical wiring rules or code of practice.
- Always turn off the power supply when installing. (Touching the electrical parts can cause an electric shock.) The main switch of the installation is at the outdoor unit. Please switch off this main switch to turn off the power supply.

Safety precautions



Warning

Situations which could result in death or serious injury.

When using:



- Do not disassemble, modify, or repair. (Can cause fire, electric shock or injury.)
- Do not handle this product with wet hands. (Can cause electric shock or fire.)
- Do not allow this product to get wet or use it when bathing or doing similar activities with water. (Can cause electric shock or fire.)
- Do not use this product near medical equipment or persons using cardiac pacemakers or defibrillators. This product may cause life-threatening electromagnetic interference.
- Do not use this product near auto-control equipment such as automatic doors or fire alarm equipment. (Can cause accidents due to erroneous equipment behavior.)



- Immediately disconnect the air conditioner power plug if there is abnormal odor or sound, when it is overheating, or smoking. (Can cause fire or malfunction.)
 - ◆ Request an inspection by your dealer.
- Disconnect the air conditioner power plug if the product was dropped or the case is damaged. (Can cause fire or electric shock)
 - ◆ Request an inspection by your dealer.

safety precautions



Caution

Situations which could result in damage or physical injury.

When installing:



- Do not install where flammable gas leaks can occur. (Can cause fire.)



- Grip the connector when disconnecting the connecting cord. (Otherwise fire or electric shock can occur.)

When using:



- Do not use where small children can get access. (Can cause injuries.)

- Do not use this product near a microwave oven. (This can affect Wireless LAN communications.)

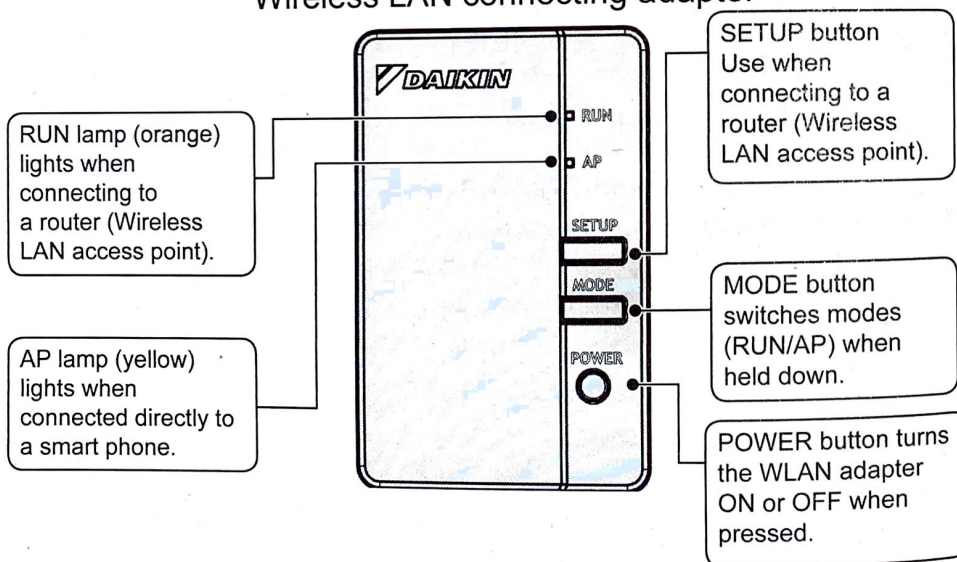
Disposal requirements



- Your product is marked with this symbol. This symbol means that electrical and electronic products shall not be mixed with unsorted household waste.
- Do not try to dismantle the system yourself: the dismantling of the product and of other parts must be done by a qualified installer in accordance with relevant local and national legislation.
- Product and waste must be treated at a specialized treatment facility for re-use, recycling and recovery.
- By ensuring correct disposal, you will help to prevent potential negative consequences for the environment and human health. Please contact the installer or local authority for more information.

Main components

Wireless LAN connecting adapter



Main components

Basic parameters:

Frequency range:	2400 MHz–2483.5 MHz
Radio protocol:	IEEE 802.11b/g/n
RF channel:	1–11
Output power:	0 dBm~18 dBm
ERP:	17 dBm (11b) / 13 dBm (11g) / 12 dBm (11n)
Power supply:	DC 14 V / 100 mA

RF channel: Radio frequency channel
ERP: Effective radiated power

Applicable indoor units

For more details about installation of Wireless LAN adapter and applicable units visit <http://www.onlinecontroller.daikineurope.com>.

Installation

Installation Work



Warning

Always turn off the power supply when installing. (Touching the electrical parts can cause an electric shock.) The main switch of the installation is at the outdoor unit.

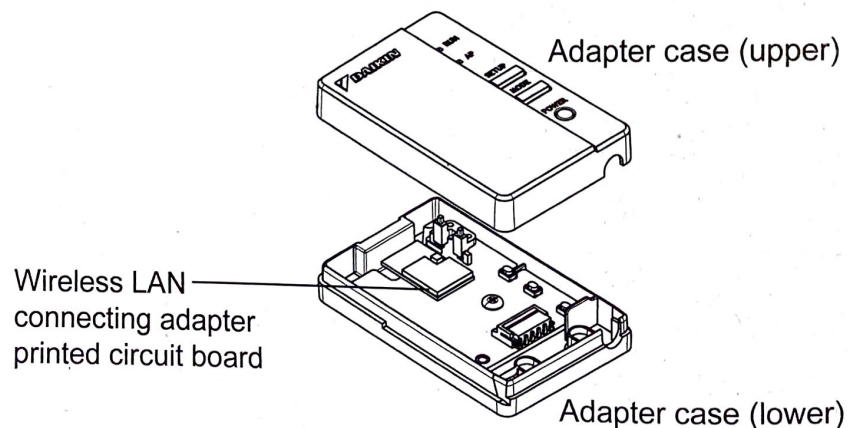
1 Choosing and installation site

The WLAN adapter should be sited in a place where:

- The adapter is not in the path of direct sunlight.
- The adapter is away from the source of heat or steam.
- There is not source of machine oil vapour (this may shorten indoor unit life).
- The adapter is at least 1 m away from any television or radio set (unit may cause interference with the picture or sound).
- Distance between the indoor unit and the WLAN adapter is within length of WLAN cable.

2 Remove the adapter case (upper).

Remove the upper case of the wireless LAN adapter.



Installation

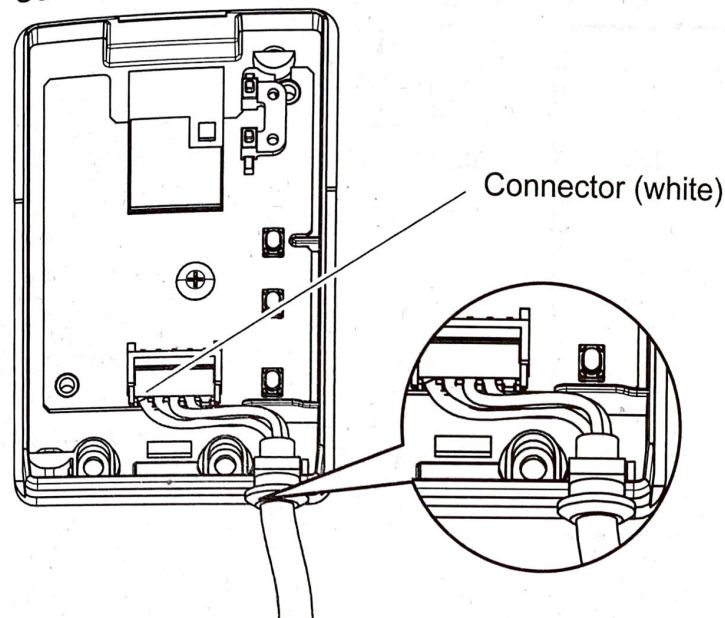
Installation Work

3 Attach connecting cord to the product.

Attach the connecting cord connector (white).

- ◆ Fasten the connecting cord to the notch in the adapter case (lower).

Connect the connector to the same color.



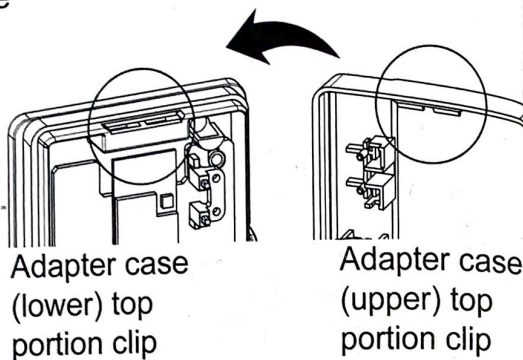
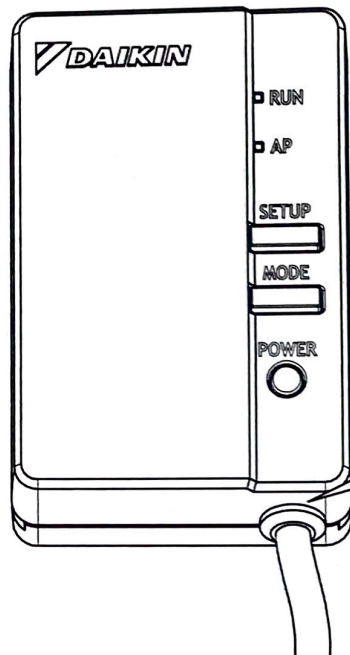
Fasten the connecting cord and ensure that external force is not transmitted.

Installation

Installation
Work

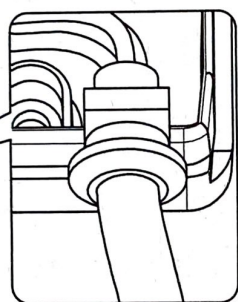
4 Return the adapter case to its original state.

Snap the top of the upper case onto the clip at the top of the lower case and press to close the box.



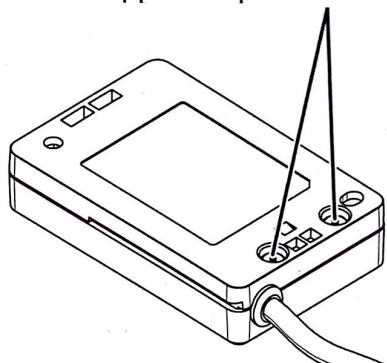
Adapter case (lower) top portion clip

Adapter case (upper) top portion clip



Check that the connecting cord is securely fastened.

Fix the upper adapter case with 2 screws located in accessory set.



Installation

Installation
Work

5 Installation of Wireless LAN adapter

BRP069B41/B45

Install WLAN adapter inside the indoor unit. For more details about installation of WLAN adapter to your model please visit <http://www.onlinecontroller.daikineurope.com>.

BRP069B42/B43/B44

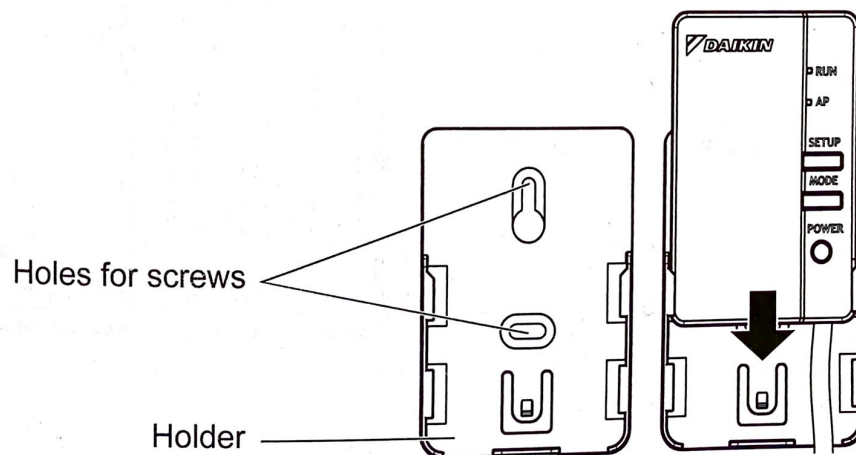
Install the WLAN adapter outside the indoor unit. There are two ways of installation A and B.

TYPE A

Position of the WLAN adapter on the wall/surface is fixed by screws. In this case double face tapes located in accessory set are not necessary to fix the holder.

1. Fix the WLAN holder on the wall/surface with 2 screws located in accessory set.
2. Attach the WLAN adapter to the holder by sliding into it.

For more details about installation of WLAN adapter to your model please visit <http://www.onlinecontroller.daikineurope.com>.



TYPE B

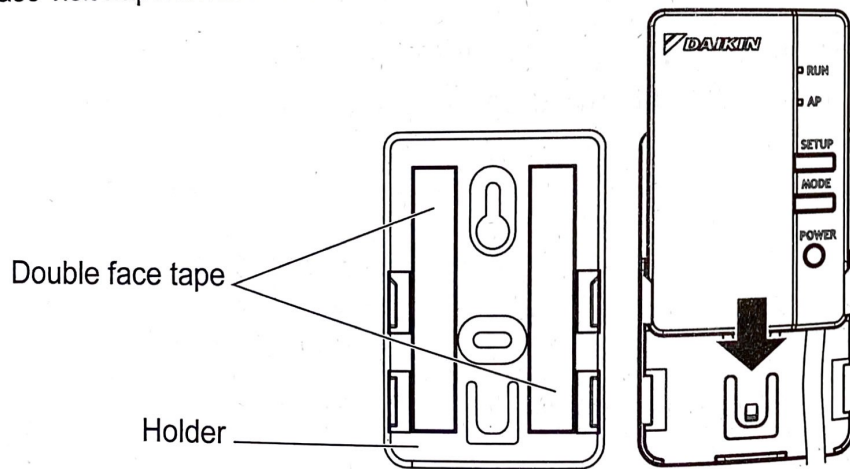
Position of the WLAN adapter on the wall/surface is fixed by double face tapes. In this case screws located in accessory set are not necessary to fix the holder.

1. Attach two double face tapes located in accessory set to the back side of holder as shown below.
2. Fix the WLAN holder on the wall/surface with the double face tape.
3. Make sure that holder is fixed to the wall/surface enough to bear the WLAN adapter.
4. Attach the WLAN adapter to the holder by sliding into it.

NOTE

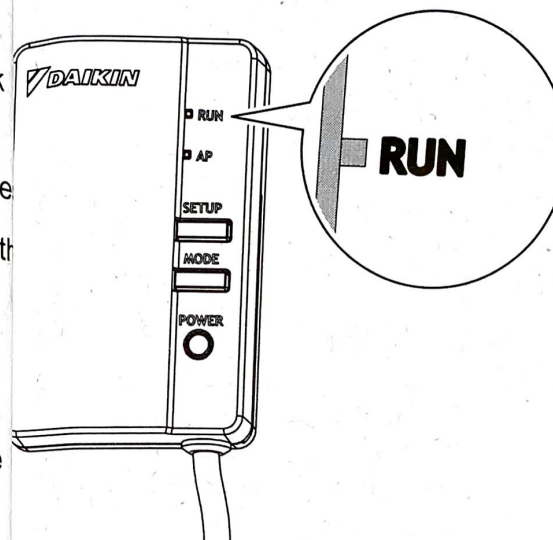
Wall/surface should be clean and degreased before attaching of the WLAN holder by double face tapes.

For more details about installation of WLAN adapter to your model please visit <http://www.onlinecontroller.daikineurope.com>



6 Functionality Check

Turn on the power supply and check that the [RUN] lamp of the product glows.



◆ When turning on the power, always attach the adapter case (top).

The customer is responsible for providing the following.

- Smartphone or tablet PC
(Supported OS: Android 2.3.3 or later; iOS 5.0 or later.)
- Internet line and communicating device
(Modem/router or similar device)
- Wireless LAN access point
- [Daikin online controller] (No cost)

Installation method of Daikin online controller

For Android Phones	For iPhones
(1) Open the [Google Play].	(1) Open the [App Store].
(2) Search for [Daikin online controller].	(2) Search for [Daikin online controller].
(3) Follow the directions on the screen to install.	(3) Follow the directions on the screen to install.

Refer to
<http://www.onlinecontroller.daikineurope.com>
for detailed installation instructions.

The following table provides brief descriptions of how to handle trouble or uncertainties when you install the product or make connection settings. Refer to the FAQ on the homepage for more details.

When this happens	Explanation and where to check
None of the LEDs light	<ul style="list-style-type: none"> → Try to operate the unit with the infrared remote controller. → Turn off the air conditioner and restart it. → Make sure the LEDs are not disabled in the application. → Check the installation
The WLAN adapter is not visible on the unit overview screen ("Home" screen) after the WLAN adapter has been configured.	<ul style="list-style-type: none"> → Check that the power is on. → Check that the RUN LED is lit. → If the AP LED is lit, press the MODE button for two seconds to switch to RUN mode. → If the RUN LED is blinking, retry to connect the WLAN adapter to the wireless network. Make sure the WLAN adapter is close enough to the router (wireless LAN access point). → If the RUN LED is lit, make sure that the smartphone or tablet is connected to the same wireless LAN network as the WLAN adapter.

Troubleshooting

When this happens	Explanation and where to check
When trying to make a direct connection to the adapter (AP mode) the WLAN adapter is not visible in the available Wi-Fi networks list of the phone/tablet	<p>→ If the AP LED is not lit, press the "Mode" button for 2 seconds to switch to AP mode.</p> <p>→ If the AP LED is blinking, please wait until the AP LED is lit (approximately 1 minute). The WLAN adapter is still starting up.</p> <p>→ If the AP LED is lit, switch to RUN mode by pressing the MODE button for two seconds. Now switch back to AP mode by pressing the MODE button again for two seconds. This changes the wireless channel on which the WLAN adapter is operating. Repeat if necessary.</p>
None of the above work	→ Refer to the FAQ on: http://www.onlinecontroller.daikineurope.com



WLAN-Verbindungsadapter
<BRP069B41>

Installationsanleitung

Startseite: <http://www.onlinecontroller.daikineurope.com>

- ◆ Die technischen Daten, Einstellungsverfahren sowie häufig gestellte Fragen, eine Kopie der Original-Konformitätserklärung und die neueste Version dieses Handbuchs finden Sie auf der oben genannten Startseite.



- ◆ Hiermit erklärt die Daikin Industries Czech Republic s.r.o., dass der Funkgerätyp BRP069B41 der Richtlinie 2014/53/EU entspricht.

Zubehör

Überprüfen Sie, ob das folgende Zubehör im Lieferumfang vorhanden ist.

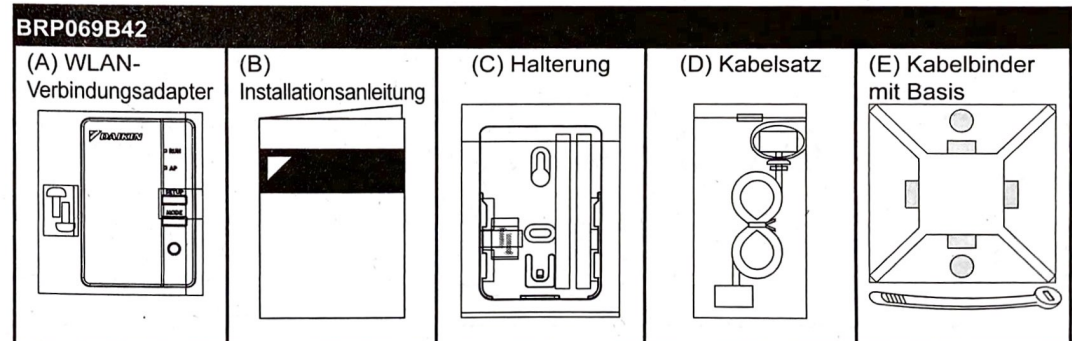
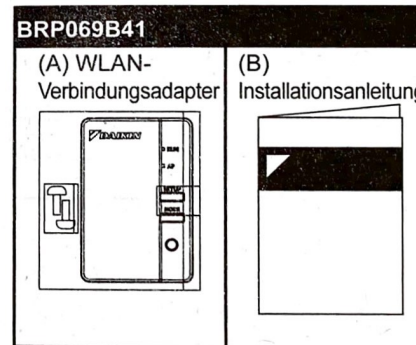


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1 About the documentation

1.1 About this document

Thank you for purchasing this product. Please:

- Keep the documentation for future reference.

Target audience

End users

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 About the system

⚠ WARNING: FLAMMABLE MATERIAL

The refrigerant inside this unit is mildly flammable.

2.1 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.

i INFORMATION

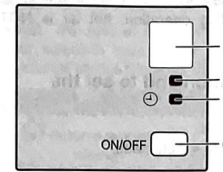
The sound pressure level is less than 70 dBA.

⚠ 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.

2.1.1 Indoor unit display



- a Signal receiver
- b Operation lamp
- c Timer lamp
- d 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

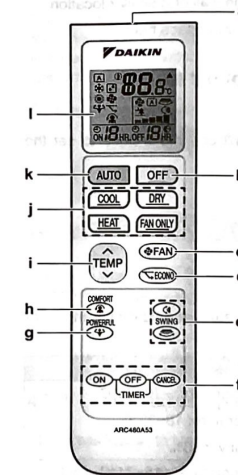
2.2 About the user interface

- **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.

2.2.1 Components: User interface



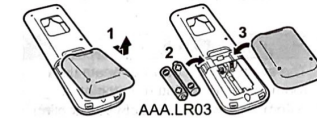
- a Signal receiver
- b OFF button
- c Fan setting button
- d Econo operation button
- e Swing buttons
- f Timer setting buttons (ON, OFF, cancel)
- g Powerful operation button
- h Comfort operation button
- i Temperature adjustment button
- j Operation mode buttons
- k Automatic operation mode button
- l LCD display

3 Before operation

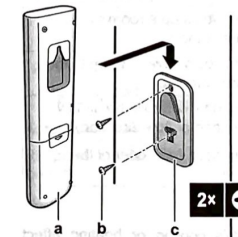
3.1 To insert the batteries

The batteries will last for about 1 year.

- 1 Remove the back cover.
- 2 Insert both batteries at once.
- 3 Put the cover back.



3.2 To fix the user interface to the wall



- 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.

3.3 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 Operation

4.1 Operation range

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

Operation mode	Operation range
Cooling ^{(a)(b)}	<ul style="list-style-type: none"> Outdoor temperature: -10~46°C Indoor temperature: 18~32°C Indoor humidity: ≤80%
Heating ^(a)	<ul style="list-style-type: none"> Outdoor temperature: -15~24°C Indoor temperature: 10~30°C
Drying ^(a)	<ul style="list-style-type: none"> Outdoor temperature: -10~46°C Indoor temperature: 18~32°C Indoor humidity: ≤80%

If operated outside the operation range:

- A safety device might stop the operation of the system.
- Condensation might occur on the indoor unit and drip.

4.2 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 without changing the temperature.
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.

4.2.1 To start/stop operation and to set the temperature



- Start operation by pressing one of the following buttons.

Mode	Press	Result
Automatic operation		
Cooling operation		
Drying operation		
Heating operation		
Fan only operation		

The operation lamp lights up.

- Press or on the button one or more times to set the temperature. You CANNOT adjust the temperature in drying or fan only operation mode.

Cooling operation	Heating operation	Automatic operation	Drying or fan only operation
18~32°C	10~30°C	18~30°C	—

- Press to stop operation.

Result: The operation lamp goes off.

4.3 Airflow rate

- Press to choose:

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

INFORMATION

- If the unit reach the temperature setpoint in cooling, heating or automatic mode. Fan will stop operating.
- When using drying operation mode, you CANNOT adjust the airflow rate setting.

4.3.1 To adjust the airflow rate

- Press to change the airflow setting as follows:



4.4 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 simultaneously 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.

4.4.1 To adjust vertical airflow direction

- Press .

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

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

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

4.4.2 To adjust horizontal airflow direction

- Press .

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

- 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.

4.4.3 To use 3-D airflow direction

- Press and .

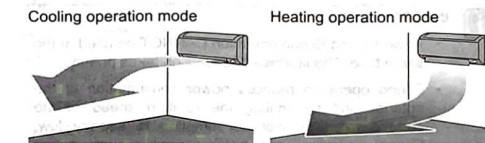
Result: and appear on the LCD. The flaps (horizontal blades) and louvers (vertical blades) will begin to swing.

- 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.

4.5 Comfort airflow operation

This operation can be used in heating or cooling operation mode. It will provide a comfortable wind that will NOT come in direct contact with people. The system automatically sets the fixed airflow position upward in Cooling and downward in Heating operation mode.



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.

4.5.1 To start/stop Comfort airflow operation

- Press to start.

Result: The flap position will change, is displayed on the LCD, and the airflow rate is set to automatic.

Mode	Position of flap...
Cooling/Drying	Up
Heating	Down

Note: Comfort airflow operation is NOT available in Fan only mode.

- Press to stop.

Result: The flap will return to the position from before the Comfort airflow mode; disappears from the LCD.

4.6 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 and Comfort airflow operation. The last selected function takes priority.

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

4.6.1 To start/stop Powerful operation

- Press to start.

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

- Press to stop.

Result: disappears from the LCD.

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

4 Operation

4.7 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 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.

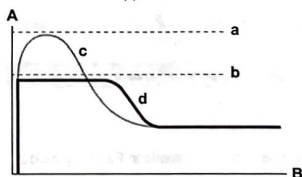
4.7.1 To start/stop Econo operation

- 1 Press **ECONO** to start.

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

- 2 Press **ECONO** to stop.

Result: **ECONO** disappears from the LCD.



- A Running current and power consumption
- B Time
- a Maximum during normal operation
- b Maximum during Econo operation
- c Normal operation
- d Econo operation

- The diagram can be used for illustrative purposes only.
- The maximum running current and power consumption of the air conditioner in Econo operation varies with the connected outdoor unit.

4.8 OFF/ON timer operation

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

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.

4.8.1 To start/stop OFF timer operation

Use this feature if the unit is operating and you want to stop operation after a certain time.

- 1 Press **OFF**.

Result: **OFF 1HR.** is displayed on the LCD and the timer lamp lights up.

- 2 Press **OFF** again if you want to change the time setting.

i INFORMATION

Each time **OFF** is pressed, the time setting advances by 1 hour. The timer can be set between 1 to 12 hours.

Example: If **OFF 5HR.** is set when the unit is operating, operation will stop after 5 hours.

- 3 To cancel the setting, press **CANCEL**.

Result: **OFF** and the time setting disappear from the LCD and the timer lamp goes off.

i INFORMATION

Night set mode

When the OFF timer is set, 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.

4.8.2 To start/stop ON timer operation

Use this feature if the unit is NOT operating and you want to start operation after a certain time.

- 1 Press **ON**.

Result: **ON 1HR.** is displayed on the LCD and the timer lamp lights up.

- 2 Press **ON** again if you want to change the time setting.

i INFORMATION

Each time **ON** is pressed, the time setting advances by 1 hour. The timer can be set between 1 to 12 hours.

Example: If **ON 2HR.** is set when the unit is NOT operating, operation will start after 2 hours.

- 3 To cancel the setting, press **CANCEL**.

Result: **ON** and the time setting disappear from the LCD and the timer lamp goes off.

4.8.3 To combine OFF timer and ON timer

- 1 To set the timers, refer to "4.8.1 To start/stop OFF timer operation" on page 6 and "4.8.2 To start/stop ON timer operation" on page 6.

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

Example:

- 2 If **ON 8HR. OFF 1HR.** is set when the unit is operating.

Result: Operation stops in 1 hour and then starts 7 hours later.

- 3 If **ON 2HR. OFF 5HR.** is set when the unit is NOT operating.

Result: Operation starts in 2 hours and then stops 3 hours later.

5 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.

! 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.

! 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

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

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.
- 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.

5 Energy saving and optimum operation

6 Maintenance and service

6.1 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

In Europe, the greenhouse gas emissions of the total refrigerant charge in the system (expressed as tonnes CO₂ equivalent) is used to determine the maintenance intervals. Follow the applicable legislation.

Formula to calculate the greenhouse gas emissions:
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 electric 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.

6.2 To clean the indoor unit and user interface

**NOTICE**

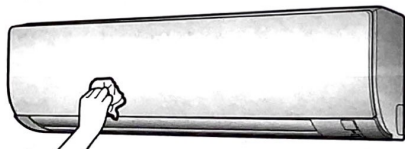
- Do NOT use gasoline, benzene, thinner polishing powder or liquid insecticide. **Possible consequence:** Discoloration and deformation.
- Do NOT use water or air of 40°C or higher. **Possible consequence:** Discoloration and deformation.
- Do NOT use polishing compounds.
- Do NOT use a scrubbing brush. **Possible consequence:** The surface finishing peels off.

**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.

6.3 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.

6.4 About the air filters

Operating the unit with dirty filters means that the filter:

- CANNOT deodorize the air,
- CANNOT clean the air,
- poor heating/cooling,
- causes odour.

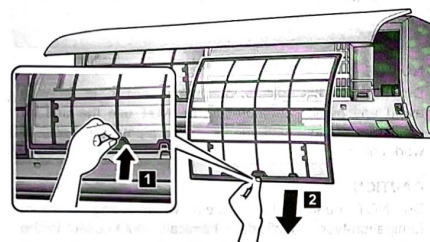
6.5 To open the front panel

- 1 Hold the front panel by the panel tabs on both sides and open it.

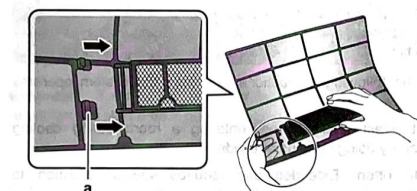


6.6 To clean the air filters

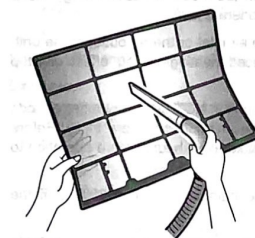
- 1 Push the tab at the centre of each air filter, then pull it down.
- 2 Pull out the air filters.



- 3 Remove the titanium apatite deodorizing 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**

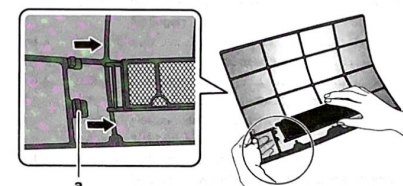
- If the dust does NOT come off easily, wash the air filters with a neutral detergent diluted in lukewarm water. Dry the air filters in the shade.
- Be sure to remove the titanium apatite deodorizing and silver particle filters.
- It is recommended to clean the air filters every 2 weeks.

6.7 To clean the titanium apatite deodorizing filter and the silver particle filter (Ag-ion filter)

**INFORMATION**

Clean the filter with water every 6 months.

- 1 Remove the titanium apatite deodorizing and silver particle filters from the tabs.



a Tabs

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



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

6.8 To replace the titanium apatite deodorizing filter and the silver particle filter (Ag-ion filter)

**INFORMATION**

Replace the filter every 3 years.

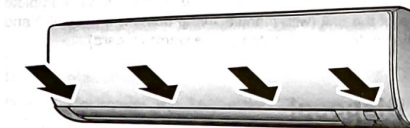
- 1 Remove the tabs on the filter frame and replace the filter with a new one.

**INFORMATION**

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

6.9 To close the front panel

- 1 Install all filters back in their original positions.
- 2 Gently press the front panel at both sides and at the center until it clicks.



6.10 To take following items into account before a long idle period

- 1 Set the mode to fan only by pressing **FAN ONLY** button to dry the inside of the unit.
- 2 After operation stops, turn the breaker off.
- 3 Clean the air filters and replace them in their original position.
- 4 Remove the batteries from the user interface.

**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.

7 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.
If the user interface display indicates the unit number, the operation lamp flashes and the malfunction code appears.	Notify your installer and report the malfunction code.

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

8 Disposal



INFORMATION

Refer to the user 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).

8 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.
