ARCTICNORD CUSTOMER GUIDE

How to use your Daikin Madoka controller

The round controller on your wall. How to switch on, set the temperature, choose heating or cooling, set the clock, use the app, and what the symbols mean. Written from Daikin's UK Madoka manuals.

Daikin Madoka
BRC1H52 white, silver, black
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YOUR CONTROLLER

Daikin Madoka

A wired controller fixed to the wall and linked to your indoor unit. It has a round screen with a light around it and four buttons underneath.

It comes in white, silver or black. They all work the same way.

TWO WAYS TO USE IT

Buttons or your phone

Everything day to day is on the four buttons. The free **Madoka Assistant** app adds schedules, a holiday setting and energy use.

Not every option shows on every system. If something in this guide is missing, your indoor unit doesn't have it.

01 The basics

Four buttons do everything.

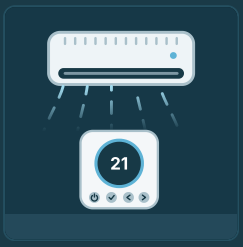


STEP 1

The four buttons

- **ON/OFF** (the power symbol): switches the air conditioning on and off.
- **Tick** (ENTER): opens the menu and confirms what you've picked.
- **Left and right arrows**: move through the menu and change numbers. Left lowers, right raises.

If the screen has gone blank, press any button to wake it up.



STEP 2

Switch on and off

Press **ON/OFF**. The light around the screen comes on while it runs. Press it again to switch off.

The fan can run on for a short while after you switch off from heating. That's normal: it's clearing warm air out of the unit.



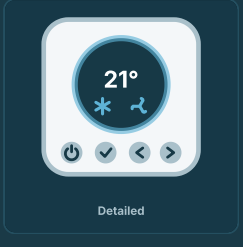
STEP 3

Set the temperature

On the home screen, press the **right arrow** to go warmer or the **left arrow** to go cooler. It moves 1°C at a time, from **16 to 32°C**.

The number is the temperature you've asked for, not the room temperature. Most people are comfortable at 20 to 22°C for heating and 23 to 25°C for cooling.

> **Can't go past a certain number?** Your installer may have set limits to save energy.



STEP 4

The home screen

Your installer sets one of two layouts:

- **Standard:** the temperature you've set and the mode.
- **Detailed:** the same, plus the symbols in Part 04 and, on some systems, the room temperature.

To save power the screen and light dim when nobody has pressed a button for a while.

02 The menu

Mode, clock, air direction and fan speed.



STEP 5

Find your way round the menu

1. Press the **tick** to open the menu.
2. Use the **arrows** to move to the item you want.
3. Press the **tick** to open it, use the arrows to choose, then the **tick** to confirm.

The menu holds **Operation mode**, **Date and time**, **Airflow direction**, **Fan speed** and **Bluetooth**. An item with a lock on it has been locked by your installer.



STEP 6

Choose a mode

Open **Operation mode** and pick one of the modes below. Which ones you see depends on your system.

> **Mode symbol blinking and it won't change?** Another controller decides heating or cooling for your room. See Part 05.

Cooling

Cools the room to your temperature. The fan slows or pauses once it gets there.

Heating

Warms the room. A few minutes pass before warm air comes out, and it pauses to defrost in cold weather.

Auto

Heats or cools by itself to hold your temperature. Handy in spring and autumn.

Dry

Takes damp out of the air. It sets the fan and temperature itself, and won't run if the room is too cold.

Fan only

Moves the air round with no heating or cooling.

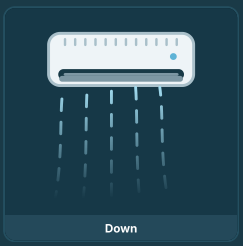


STEP 7

Fan speed

Open **Fan speed** and choose with the arrows. More bars means more air and a little more noise.

Depending on your indoor unit you'll have 2, 3 or 5 speeds. Some also have **A** for automatic, which lets the unit choose.



STEP 8

Air direction

Open **Airflow direction**. Choose one of **5 fixed positions**, or **Swing** to move the air up and down the room.

Across the ceiling suits cooling. Pointing down suits heating, as warm air rises.

> **Flap moved on its own?** The unit takes over the flap while it defrosts and when the room is already warm enough. It goes back afterwards.



STEP 9

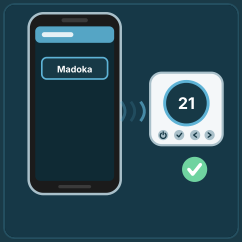
Set the date and time

1. Press the **tick**, move to **Date and time**, press the **tick**.
2. Press the **tick** again so the numbers can be changed.
3. Change each one with the **arrows** and press the **tick** to move to the next.

The clock matters if you use schedules. A clock symbol on the home screen means the time hasn't been set. The app can also set it from your phone.

03 The phone app

Madoka Assistant, free on iPhone and Android. It talks to the controller by Bluetooth, so stand close by.



STEP 10

Connect your phone

1. Download **Madoka Assistant** from the App Store or Google Play.
2. On the controller, open **Bluetooth** in the menu and turn it on.
3. In the app, tap your controller and accept.
4. Check the number on your phone matches the controller, then press the **tick** on the controller to accept.



STEP 11

Schedules and saving energy

- **Schedule:** up to 5 changes a day, such as warm by 7am and off at 9am. You can save 3 schedules and use one at a time.
- **Holiday:** pauses your schedule while you're away.
- **Off timer:** switches off after a set time.
- **Energy use:** see how much electricity it has used.

A clock symbol on the home screen means a schedule or the off timer is running. Some settings, such as setback, are set up by your installer.

04 What the symbols mean

Shown on the detailed home screen. Daikin's symbols are drawn simply here, so yours may look a little different.

Running
The air conditioning is switched on.

Off
The air conditioning is switched off.

Defrost or warm-up
The fan has stopped while the unit defrosts or warms up. Normal, it carries on by itself.

Schedule or timer
A schedule or the off timer is running.

Filter
The filters need cleaning. See step 13.

Warning
Something needs attention or maintenance. See step 14.

Information
A message is waiting for you.

Bluetooth
The controller is talking to the Madoka Assistant app.

Lock
That setting has been locked and can't be changed.

Central control
A central controller in the building limits what you can change here.

Heating or cooling set elsewhere
Another unit or controller decides heating or cooling. See Part 05.

Setback
While it's off, the unit keeps the room from getting too hot or too cold.

05 Several controllers in one room

In a big open space you may have more than one indoor unit, each with its own Madoka.



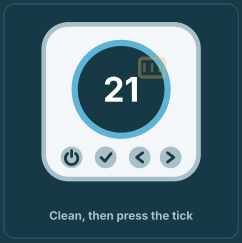
STEP 12

Keep them in step

- **Set them all to the same temperature**, or within a degree. If one asks for 18°C and another 24°C, they work against each other and waste energy.
- **One controller decides heating or cooling.** The others follow it. If you try to change the mode on one of those, the mode symbol blinks and it won't change.
- To switch between heating and cooling, use the controller your installer set as the one that decides.

06 If something's not right

Most things have a simple answer.



STEP 13

Filter sign

A filter symbol on the home screen, or a **Time to clean filter** message, means the filters need cleaning.

Clean them as your indoor unit's manual shows, then press the **tick** to clear the sign. Your yearly service includes a full clean if you'd rather leave it to the engineer.

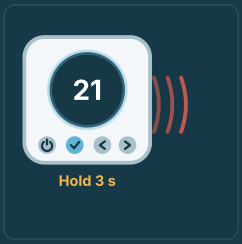


STEP 14

An error or warning

If the light **blinks** or a warning symbol shows, press the **tick** to see the message and its code, such as **U4**.

Write down the code and which room it's in, then contact your installer. The code tells the engineer what the unit needs, so please don't keep switching it off and on.



STEP 15

The leak alarm

Newer systems use the Madoka as a refrigerant leak alarm. If it **buzzes**, the light flashes and the screen shows a code starting **A0**:

1. Hold the **tick** for **3 seconds** to stop the alarm, or stop it in the app.
2. Air the room and keep naked flames away.
3. Contact your installer.

> **More than one controller?** Each alarm has to be stopped on its own controller.

It isn't doing anything

- Press any button: the screen may just have gone to sleep.
- Check the temperature you've set. In heating it must be above the room temperature, in cooling below it.
- Check a schedule or the off timer hasn't switched it off.

Heating has gone quiet for a few minutes

- In cold, damp weather the outdoor unit defrosts. The fan stops and the defrost symbol shows for about 6 to 8 minutes, then it carries on.
- After switching on, it waits a few minutes before blowing so it doesn't blow cold air at you.
- Neither needs a call out.

Quick reminders

Tick them off as you try each one. Nothing here is saved or sent.

- [ ] Switch on and off with ON/OFF
- [ ] Arrows on the home screen change the temperature
- [ ] Tick opens the menu and confirms
- [ ] Date and time set
- [ ] Madoka Assistant app connected, if you want it
- [ ] Same temperature on every controller in a shared room
- [ ] Leak alarm: hold the tick 3 seconds, air the room, contact your installer

Help from Daikin

Daikin keep the full Madoka manuals on their UK website.

Manuals: daikin.co.uk, then search for **Madoka** or **BRC1H52**.

The app: search **Madoka Assistant** in the App Store or Google Play.

Your yearly service keeps the system running efficiently and keeps your warranty in place.

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