DAIKIN

21 ℃

Madoka

iF

reddot design award

Hello Madoka.
The beauty of simplicity

Japanese for circle, Madoka embodies gentleness and peace. Madoka echoes the distinct blue circle and simplicity of design, which is the very reason why its sleek and elegant look has won such praise, including the Red Dot Product Design Award and iF Design Award.

Madoka guarantees comfort in the most intuitive way imaginable, featuring just three buttons and a large-figure display.

3 Colours

Available in three attractive colours, Madoka adds style and sophistication to any interior space.

Measuring just 85 x 85 mm, Madoka is an extremely compact wall remote controller.

White
RAL 9003 (glossy)

BRC1H519W

Silver
RAL 9006 (metallic)

BRC1H519S

Black
RAL 9005 (matt)

BRC1H519K

Sleek design

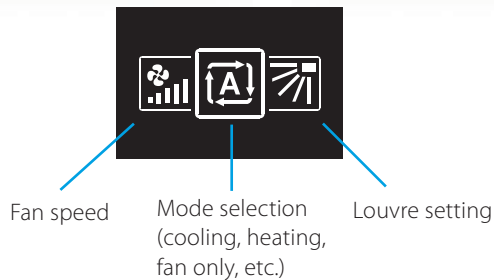Madoka combines refinement and simplicity.

The intuitive touch button control enlarges the display and makes Madoka both easy and enjoyable to use.

Much like the perfection that the Japanese name evokes, Madoka gives you perfect control over an individual climate.

ON/OFF

SIMPLE VIEW

DETAILED VIEW

Easy and direct access
to main functions

Fan speed

Mode selection
(cooling, heating,
fan only, etc.)

Louvre setting

User-friendly
interface

Bluetooth®

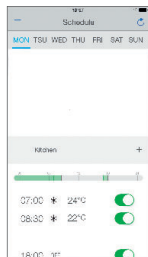# Madoka Assistant

 GET IT ON **Google Play**

 Available on the **App Store**

Simplifies the advanced settings such as schedule or set point limitation

☑ Visual interface simplifies advanced settings such as schedule setting, energy saving activation, setting restrictions, etc.

☑ Easy and quick commissioning, saves time and cost for installers
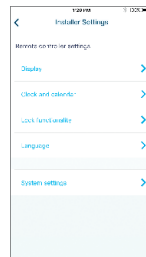
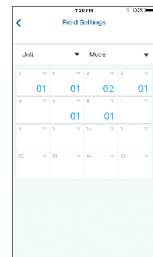☑ Featuring Bluetooth® low energy technology

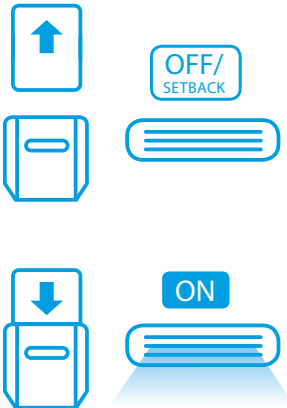| Easy setting of schedules	Advanced user settings	Installer settings	Field settings

Hotel

21 ℃

Intuitive climate control in hotel rooms

Using the simple display, hotel guests can easily set their comfort to their preference.

Optional key card connection and set point restriction guard against misuse and energy wastage, so you can keep costs down.

OFF/
SETBACK

ON

Outside home,
the office is where
we spend most of our time.
That's where climate control
also comes into play.

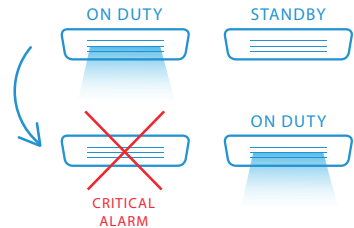# Office

Ahead of the curve

For offices, the Madoka Assistant offers
a simple answer to changing office layouts,
by enabling fast and easy system configuration
and schedule setting via smartphone.

Cost-effective infrastructure cooling solution

Madoka also offers a cost-effective solution
for server rooms as it comes with standard
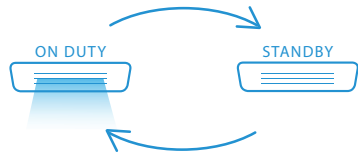integrated functions such as duty rotation
and back-up operation.

Back-up operation

If one unit fails, the other one
will automatically take over.

Duty rotation

After a certain period of time,
the operating unit will go into
standby and the standby unit
will take over, extending
the system lifetime.

ON DUTY   STANDBY

ON DUTY

CRITICAL
ALARM

ON DUTY   STANDBY

DUTY
ROTATION

Rotation interval can be set for 6, 12, 24, 72 and 96 hours, as well as weekly.

Adds elegance to even the most stylish rooms

Madoka is like a design element
of any interior, blending in stylishly
and unobtrusively.

It makes scheduling simple, enabling easy
tracking of energy usage and activation of
extra energy saving functions.

All this can be done by smartphone
within Bluetooth® range of Madoka.

Residential

Features

› Sleek and elegant design
› Inuitive touch-button control
› Two display options: standard and detailed
› Direct access to basic functions (on/off, set point, mode, target values,
  fan speed, louvres, filter icon & reset [4], error & code)
› Three colours to match any interior
› Compact, measures only 85 x 85 mm
› Advanced settings and commissioning via smartphone

Hotel application features
› A significant energy saving can be achieved by using the key card and/or window
  contact integration and a set point restriction. (through the BRP7A* option)
› Ensures the room cannot heat up above or cool down below a set temperature
  in order to maintain a minimum level of comfort.

A cost-effective solution
for cooling data centres and servers
› Only in combination with RZAG*/RZQG*
› Duty rotation: After a certain period of time, the operating unit will go into
  standby and the standby unit will take over, extending the system lifetime
› Rotation interval can be set for 6, 12, 24, 72 or 96 hours, as well as weekly
› Back-up operation: If one unit fails, the other unit will start automatically.

Set up all advanced settings via smartphone

A range of energy-saving functions that can be selected individually
› Temperature range restriction
› Setback function
› Adjustable presence detector and floor sensor
  (available on the Round Flow and Fully Flat Cassettes)
› Automatic temperature reset [4]
› Auto off timer

Temperature range restriction means no excessive heating/cooling
› Save on energy by setting the low-temperature limit in cooling mode and
  the high-temperature limit in heating mode. [1]

Kilowatt-hour consumption tracking [2]
› The kWh indicator displays indicative power consumption for the last day/month/year. [4]

Other functions
› Up to three independent schedules can be programmed, allowing you to switch easily
  between them throughout the year (e.g. summer/winter/mid-season) [4]
› Menu settings can be individually locked or restricted [4]
› The outdoor unit [3] can be set to quiet mode [4]
› Real-time clock that updates automatically for daylight saving.

(1) Also available in auto cooling/heating changeover mode
(2) For Sky Air FBA, FCAG and FCAHG pair combinations only
(3) Only available on RZAG*, RZASG*, RZQG*, RZQSG*
(4) Feature will become available with future app updates from the second half of 2018 onwards.

Technical specifications

Casing	Colour			W = White (RAL 9003 (glossy)) S = Silver (RAL 9006 (metallic)) K = Black (RAL 9005 (matt))
	LED operation	Colour		Blue status indicator
Dimensions	Unit	Height x Width x Depth	mm	85 x 85 x 25
Weight	Unit		kg	0.110
LCD	Back light	Colour		White
Maximum number of connectable indoor units				1 group (up to 16 indoor units)
Wiring connections	For connection with indoor			P1-P2 wired connection from indoor unit
	Size		mm²	0.75 ~ 1.25
Ambient temperature	Operation		Min.~Max.	-10 ~ 50 ℃
	Relative humidity			< 95%
	Storage		Min.~Max.	- 20 ~ 70 ℃
Back-up for power failure				Yes - clock stays synchronised for up to 48 hours.
Bluetooth® wireless technology	Protocol			Bluetooth® low energy 4.2 or higher
App for advanced settings				Madoka Assistant
App operation system				Apple iOS 8.0 or higher, Android 5.0 or higher