

DAIKIN



Madoka





reddot design award

sleek design

Madoka adds style and class to any interior space.



Japanese for Circle, Madoka embodies gentleness and peace. It combines refinement and simplicity.

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

Measuring just 85 x 85 mm, Madoka is extremely compact and will become a fluid part of any background.



User-friendly interface

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





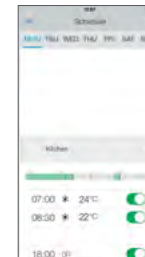
Madoka Assistant



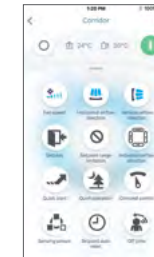
Simplifies the advanced settings such as schedule or set point limitation

- ✓ 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



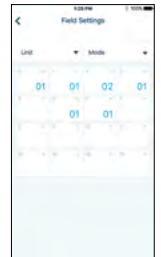
Advanced user settings



Installer settings



Field settings



Hotel



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.

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.



Office

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



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 through your smartphone.

Cost-effective infrastructure cooling solution

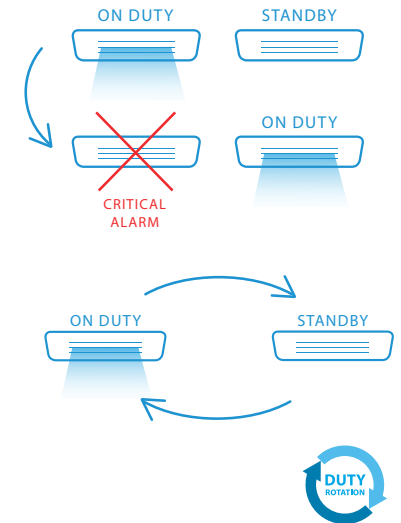
Madoka also offers a cost-effective solution for server rooms as it comes with standard integrated functions such as duty rotation and back-up operation.

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.



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

Adds class to even the most stylish rooms

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

It makes scheduling simple, enables you
to track your energy usage and activate
extra energy saving functions.

All this can be done by smartphone
from the comfort of your sofa,
within Bluetooth® range of Madoka.



Residential

Features

- › Sleek and elegant design
- › Intuitive 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 (1), error & code)
- › Compact, measures only 85 x 85 mm
- › Advanced settings and commissioning via smartphone

Set up all advanced settings on your 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 (2)
- › Auto off timer



(1) Also available in auto cooling/heating changeover mode
(2) Feature will become available with future app updates from the second half of 2018 onwards.

Technical specifications



Casing	Colour			W = White (BRC1H81W)
	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		mm ²	0.75 ~ 1.25
Ambient temperature	Operation		Min.~Max.	-10 ~ 50 °C
	Relative humidity			< 95%
	Storage		Min.~Max.	- 20 ~ 70 °C
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

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