

MADOKA CONTROLLER



The World Leading Heat Pump Company

Hello Madoka

The Beauty of Simplicity

Guarantees comfort in the most intuitive way imaginable.



Madoka

INTUITIVE CONTROL WITH A PREMIUM DESIGN

- Pure circle shape offers a sleek and stylish design
- Intuitive interface with touch button control
- Measuring 85x85mm, this compact controller fits standard electrical installation boxes
- Madoka earned an IF design award and Reddot Product Design Award for its innovative design.

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



WHITE
RAL 9003 (Glossy)
BRC1H519W



SILVER
RAL 9006 (Metallic)
BRC1H519S



BLACK
RAL 9005 (Matt)
BRC1H519K



No matter your interior design, Madoka will match it. Silver gives an additional touch to stand out in any interior or application, while Black is an ideal match for darker, stylish interiors. White offers a sleek, modern look.

MADOKA ASSISTANT APP WITH USER FRIENDLY INTERFACE

- Advanced settings and commissioning can be easily done via your smartphone
- Connect with your smartphone via Bluetooth Low Energy communication
- Visual interface helps you schedule, set point restriction and offers other settings for advanced users / technical managers
- Easy and time-saving commissioning for installers



FUNCTIONS LIST

Function	Madoka Controller	Madoka App	
	BRC1H519W(K)	Advanced User	Installer Mode
Operation ON/OFF	✓	✓	✓
Operation Modes	✓	✓	✓
Setpoint	✓	✓	✓
VAM Control	✓	✓	✓
Fan Speed (5 Steps & AUTO)	✓	✓	✓
Airflow Direction	✓	✓	✓
Indoor Temp. Display	✓	✓	✓
Date & Time	✓	✓	✓
Error Code	✓	✓	✓
Filter Indication	✓	✓	✓
Setpoint Range Limit		✓	✓
Setpoint Auto Limit		✓	✓
Setpoint Auto Reset		✓	✓
Setback		✓	✓
Auto Clean Filter Reminder		✓	✓
Presence Sensor Settings		✓	✓
Quick Start		✓	✓
Quiet Operation		✓	✓
Off Timer		✓	✓
Weely Schedule Timer		✓	✓
Holiday Mode		✓	✓
Outdoor Temp. Display		✓	✓
Energy Consumption		✓	✓
Controller Lock/Prohibit		✓	✓
Maintenance Info (ODU model etc.)		✓	✓
Field Settings	✓		✓
Duty Rotation		✓	✓
Error History		✓	✓
Unit Status & Operation Hours		✓	✓
Test Operation		✓	✓
Forced Fan ON/Desfrost		✓	✓
Addressing		✓	✓
Setting Migration		✓	✓

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		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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