



Daikin Heating Controls



Madoka

The beauty of simplicity.



Silver
RAL 9006 (metallic)
BRC1HHDS



Black
RAL 9005 (matt)
BRC1HHDK



White
RAL9003 (glossy)
BRC1HHDW

User-friendly wired remote controller with premium design

Madoka combines refinement and simplicity

- › Sleek and elegant design
- › Intuitive touch-button control
- › Three colours to match any interior
- › Compact, measures only 85 x 85 mm



reddot award 2018
winner



BRC1HHDW / BRC1HHDS / BRC1HHDK

Madoka wired remote controller for Daikin Altherma 3



BRC1HHDW



BRC1HHDS



BRC1HHDK

A new generation of user interface, redesigned and intuitive

› Replacing EKRUDAS for the Daikin Altherma 3 wall mounted and floor standing:



Intuitive control with a premium design:

The smooth curves of the Madoka controller offer a sleek, refined shape which is distinguished by its striking blue circular display. Presenting a clear visual reference with large easy to read numbers, the controller features are accessed through three touch buttons, which combine intuitive control with easy adjustability for an enhanced user experience.

Three colours to match any interior design:

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.

Easily set operation parameters:

Setting and finetuning your controller is simple and helps you attain higher energy savings and more comfort. The system enables you to select the space operation mode (heating, cooling or automatic), set the desired room temperature and control the domestic hot water temperature.

Easy Update via Bluetooth:

It is strongly recommended that the user interface has the latest software version. To update the software or check if updates are available, you need a mobile device and the Madoka Assistant app. This app is available from Google Play and the Apple Store.



www.daikin.eu/madoka

Wired remote control for Heating

EKRUCBL*

Control

- › Manage space heating, cooling, domestic hot water and among others, booster mode
- › User-friendly remote control with contemporary design
- › Easy to use with direct accessibility to all main functions

Comfort

- › An additional user interface can include a room thermostat in the space to be heated
- › Easy commissioning: intuitive interface for advanced menu settings

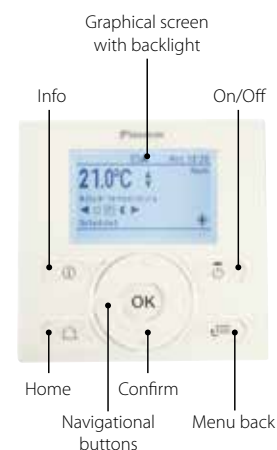
* only in combination with EKRTETS

General features

Several languages possible depending on the model, including: English, German, Dutch, Spanish, Italian, French, Greek, Russian, etc.

Applicable Daikin units

- › Daikin Altherma low temperature split
 - Wall mounted
 - Floor standing
 - Monobloc (5-7 kW)
- › Daikin Altherma hybrid heat pump
- › Daikin Altherma ground source heat pump
- › Domestic hot water heat pump



System controller for Daikin Altherma

EKRUHTB

Control

Reduce installation time

- › Program all settings for an installation on a laptop computer and simply upload them to the controller during commissioning
- › Reuse similar settings for related installations

Improve service diagnostics and maintenance

- › The controller records the time, date and nature of the last 20 error occurrences

Comfort

Maximise comfort with stable room temperatures

- › Raise or lower water temperature as a function of the actual room temperature
- › Manage energy consumption
- › Intuitive screen displays the output and input energy of the unit provide consumption transparency

General features

Weather depending floating set point







When the floating set point function is enabled, the set point for the leaving water temperature will be dependent on the outside ambient air temperature. At low outside ambient air temperatures, the leaving water temperature will increase to satisfy the rising heat requirement of the building. At warmer temperatures, the leaving water temperature will decrease to save energy.

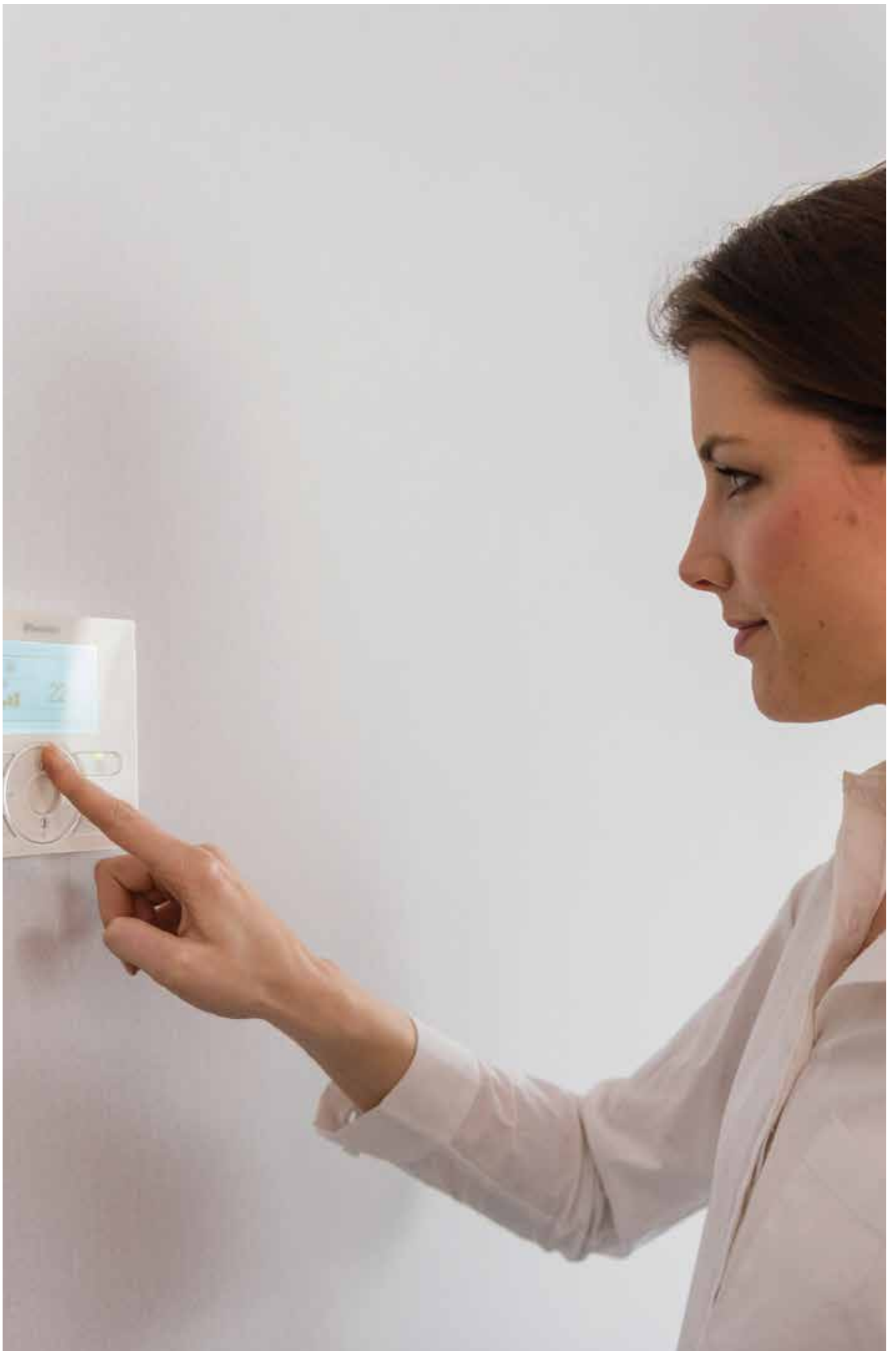
Applicable Daikin units

- › Daikin Altherma high temperature
- › Daikin Altherma Flex Type



Applicable Daikin units

									
				BRC1HHDW/S/K	EKRUCB*	EKRUHML*	EKRUHTB	EHS157034	DOTROOMTHEAA
Split Daikin Altherma	Daikin Altherma Low Temperature	D series	4-6-8kW	•					
		C series	11-14-16kW		•				
	Daikin Altherma ECH ₂ O Low Temperature	D series	4-6-8kW					•	
		B series	11-14-16kW					•	
	Daikin Altherma HT	AD series	11-14-16kW				•		
Monobloc Daikin Altherma		C series	5-7-11-14-16kW		•				
Hybrid Daikin Altherma		C series	5-8kW		•				
		A series	4 kW			•			
Daikin Altherma ground source heat pump			10 kW		•				
Daikin Altherma 3 GEO			6-10 kW	•					
Gas	D2/NDJ-PDS	A series	12-35kW						•
	GW	A series	28-33kW						
	D2U	GCU	15-28kW					•	
Oil	D9	A2	18-42kW					•	





Always in control

Daikin Online Controller

The Daikin Online Controller application can control and monitor the status of your heating system and allows you to:

Monitor

- › The status of your heating system
- › Your energy consumption graphs*

Schedule

- › Schedule the set temperature* and operation mode with up to **6 actions per day for 7 days**
- › Enable **holiday mode**
- › View in intuitive mode

Control **

- › The **operation mode** and set temperature
- › Remotely control your system and domestic hot water

*Starting with ERGA-D

**Control via the app

- › Room thermostat control for space heating and domestic hot water
- › Leaving water temperature control for domestic hot water
- › External control for domestic hot water



Daikin Online Heating Control

The Daikin Online Control Heating app is a multifaceted programme that allows customers to control and monitor the status of their heating system.

Main features

- › 'Daikin Eye' (intuitive setting)
- › Tank temperature monitoring
- › Equipped with GDPR (data protection)
- › Remote firmware update of LAN Adapter
- › Control over multiple unit locations

Applicable Daikin units

- › Daikin Altherma low temperature split
- › Daikin Altherma low temperature monobloc (5-7 kW)
- › Daikin Altherma ground source heat pump
- › Daikin Altherma hybrid heat pump
- › Wall mounted gas condensing boiler D2CND
- › GCU compact

Applicable Daikin units



				Connectivity		
				BRP069A61/62	DRGATEWAYAA	EHS157056 (RoCon G1)
Split Daikin Altherma	Daikin Altherma Low Temperature	D series	4-6-8kW	•		
		D series	11-14-16kW	•		
		C series	11-14-16kW	•		
Monobloc Daikin Altherma	Daikin Altherma ECH ₂ O Low Temperature	D series	4-6-8kW			•
		B series	11-14-16kW			•
Hybrid Daikin Altherma		C series	5-7-11-14-16kW	•		
Daikin Altherma ground source heat pump		C series	5-8kW	•		
Daikin Altherma 3 GEO		A series	4 kW	•		
Gas	D2/NDJ-PDS		10 kW	•		
Gas	D2U		6-10 kW	included		
Oil	D9	A series	12-35kW		•	
		GCU	15-28kW			•
Oil	D9	A2	18-42kW			•

Individual room control system for temperature adjustment of heating and cooling systems



General features

- › Improve energy efficiency of the home
- › Universally deployable and scalable
- › Easy and intuitive installation, operation and maintenance
- › Cost effective and convenient for the end-user

Comfort

With the help of an electronic room-by-room control system, users can regulate the temperature individually in each room.

In addition to the warmth output of the actual heating surfaces, the room temperature control system also takes all other heat sources into account, such as sunshine, warmth from lights or people, and other sources of warmth, such as a fireplace or a tiled stove. On the basis of a continuous comparison of the target and current temperatures, the room temperature control system opens and closes the individual heating circuits by way of electrical valve actuators.

System components



Base station EKWUFHTA1V3

The Daikin Wired Base Station is the central connection unit of a room-by-room temperature control for the surface temperature adjustment of heating and cooling systems.



Wired digital thermostat EKWCTRD11V3

The setting of the desired room temperature and the operation, can be performed comfortably via a rotary control with rotary-push action and soft ratchet. The well-structured and language-neutral symbols of the display always clearly indicate all settings.



Wired analog thermostat EKWCTRA1V3

An optimum price-performance ratio is offered for rooms where only a very good temperature control is desired, without the comfort function of the display variant.



Valve actuator EKWCVATR1V3

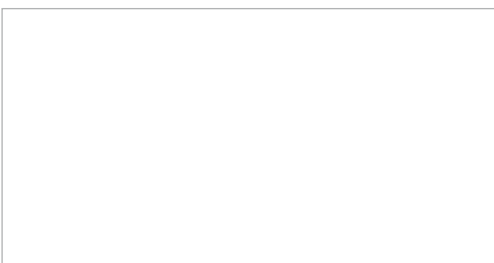
The Daikin Valve Actuator is a thermoelectric valve drive for opening and closing valves on heating circuit distributors of concealed heating and cooling systems.

Applicable Daikin units

- › Combinable to all Daikin Altherma units



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