DAIKIN

Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Χειριστήρια

ΚΛΙΜΑΜΗΧΑΝΙΚΗ®
1984   ΟΛΙΣΤΙΚΗ ΕΝΕΡΓΕΙΑΚΗ ΔΙΑΧΕΙΡΙΣΗ

CE

EUROVENT

Controllers

INTRODUCTION

AIR PURIFIER

HEATING

SPLIT

SKY AIR

VRV

VENTILATION & BID-DLE AIR CURTAINS

MARINE TYPES

CHILLERS

FAN COIL UNITS

AIR HANDLING UNITS

REFRIGERATION

CONTROL SYSTEMS

Individual
room controls

For the temperature adjustment of heating and cooling systems

General features

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

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 analog thermostat
EKWCTRAN1V3
An optimum price-performance ratio is offered for rooms where only temperature control is desired, without the comfort function of the display variant.

Wired digital thermostat
EKWCTRDI1V3
The desired room temperature can be set comfortably via a rotary control with rotary-push action and soft ratchet. The well-structured and language-neutral symbols of the display clearly indicate all settings.
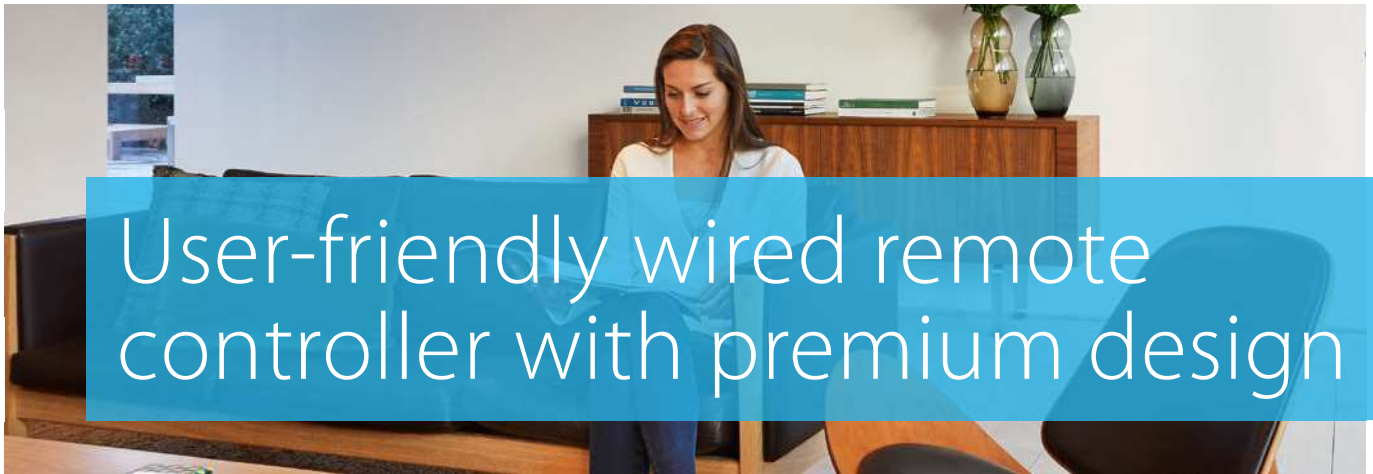

Valve actuator
EKWCVATR1V3
The Daikin Valve Actuator is a thermoelectric valve drive used to open and close valves on heating circuit distributors of concealed heating and cooling systems.

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.

Applicable Daikin units

Combinable with all Daikin Altherma units.

INTRODUCTION

AIR PURIFIER

HEATING

SPLIT

SKY AIR

VRV

VENTILATION & BID-DLE AIR CURTAINS

MARINE TYPES

CHILLERS

FAN COIL UNITS

AIR HANDLING UNITS

REFRIGERATION

CONTROL SYSTEMS

User-friendly wired remote controller with premium design

Madoka. The beauty of simplicity

Madoka

Black
RAL 9005 (matt)
BRC1HHDK

White
RAL9003 (glossy)
BRC1HHDW

Silver
RAL 9006 (metallic)
BRC1HHDS

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

Easy update via Bluetooth

It is strongly recommended to make sure that the user interface is up to date. To update the software or check if updates are available, all you need is a mobile device and the Madoka Assistant app. The app is available on Google Play and in the App Store.

GET IT ON
Google Play

Available on the
App Store

Award-winning design

Madoka received an IF Design Award and Reddot Product Design Award for its innovative design. These awards represent two of the most prestigious and largest design competitions in the world.

red**dot** award 2018
winner

iF
DESIGN AWARD 2018

Wired remote controller

For Daikin Altherma 3 heat pumps

A new generation of user interfaces: redesigned and intuitive

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

Whatever your interior design, Madoka will fit in. Silver will stand out in any home decor, while Black is a perfect 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.

Wired remote control for heating

EKRUCB[1]

Control

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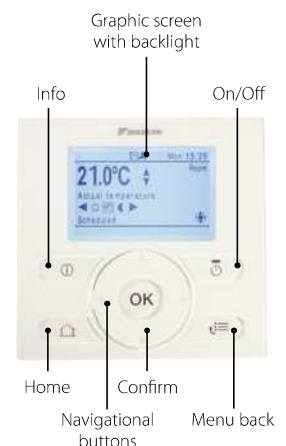› Easy to use with direct access to all main functions

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

General features

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

Applicable Daikin units
› Daikin Altherma R (F/W)
› Daikin Altherma M
› Daikin Altherma R Hybrid
› Daikin Altherma GEO

1) Only in combination with EKRTETS.

Graphic screen with backlight
Info
On/Off
Home
Confirm
Navigational buttons
Menu back

Controls - Wired controls - Room controllers

INTRODUCTION
AIR PURIFIER
HEATING
SPLIT
SKY AIR
VRV
VENTILATION & BID-DLE AIR CURTAINS
MARINE TYPES
CHILLERS
FAN COIL UNITS
AIR HANDLING UNITS
REFRIGERATION
CONTROL SYSTEMS

System controller for Daikin Altherma

EKRUAHTB

Control

Reduce installation time
› Program all installation settings 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 based on the actual room temperature
› Manage energy consumption
› The intuitive display shows the output and input energy of the unit to provide consumption transparency

General features

Weather-dependent 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 R HT
› Daikin Altherma R Flex Type HT

				BRC1HHDAK/W/S	EKRUCB[1]	EKRUHML[1]	EKRUAHTB	EKWCTRDI1V3	EKWCTRAN1V3
Casing	Colour			Black/White/Silver	White	White	-	-	-
	Operation LED	Colour		Blue status indicator	Green	Green	-	-	-
Dimensions	Unit	Height	mm	85	120	120	-	86	86
		Width	mm	85	120	120	-	86	86
		Depth	mm	25	12	12	-	31	29
	Packed unit	Height	mm	50	-	-	-	-	-
		Width	mm	217	-	-	-	-	-
		Depth	mm	161	-	-	-	-	-
Weight	Unit		kg	0.110	-	-	-	-	-
	Packed unit		kg	0.317	-	-	-	-	-
Packing	Material			Cardboard	-	-	-	-	-
	Weight		kg	0.0850	-	-	-	-	-
LCD	Type			100 x 150 dots	-	-	-	-	-
	Dimensions	Height	mm	40.7	46	46	-	-	-
		Width	mm	28.0	72	72	-	-	-
	Back light	Colour		White	White	White	-	-	-
Ambient temperature	Operation	Min.	°C	-10	-	-	-	-	-
		Max.	°C	50	-	-	-	-	-
	Storage	Min.	°C	-20	-	-	-	-	-
		Max.	°C	70	-	-	-	-	-
	Relative humidity		%	95	-	-	-	-	-
Backup for power failure				Yes (the clock wil keep functioning for period not exceeding 48 hours)	-	-	-	-	-
Control systems	Class of temperature control			VI	VI	VI	VI	-	-
	Contribution to seasonal space heating efficiency		%	4.0	4.0	4.0	4.0	-	-
Wiring connections	Type of wires			Sheathed vinyl cord or cable	-	-	-	-	-
	Size		mm²	0.75, 1.25	-	-	-	-	-
	For connection with indoor	Quantity		2	-	-	-	-	-
		Remark		P1-P2 wired connection from indoor unit	-	-	-	-	-
	Wiring length	Max.	m	500	500	500	-	-	-