

Daikin Altherma 3

A powerful future for heating



Setting the new heat pump standard

BLUEVOLUTION



reddot award 2018
winner





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Daikin Altherma 3 with Bluevolution R32

Why choose Daikin Altherma 3?

Bluevolution technology combines very high efficient compressors developed by Daikin with the refrigerant of the future: R32.



High performance

- › Delivering temperatures up to 65°C at high efficiency, the R32 Daikin Altherma 3 is suitable for both underfloor heating and radiators and retains its pedigree trademark in frost protection down to -25°C, ensuring reliable operation even in the coldest climates.
- › The optimal combination of Bluevolution technology offers the highest performance:
 - › seasonal efficiency up to A+++
 - › heating efficiency up to a COP of 5,1 (at 7°C/35°C)
 - › Domestic hot water efficiency up to COP of 3,3 (EN16147)
- › Available in 4, 6 and 8 kW

Easy to install

- › Delivered ready to work: all key hydraulic elements are already factory mounted
- › The new design enables that all servicing can be done from the front and all piping can be accessed at the top of the unit
- › Stylish modern outlook
- › The outdoor unit is tested and charged with refrigerant, installation time is reduced

Easy commissioning :

- › Integrated high resolution colour interface
- › Quick wizard allowing commissioning in maximum 9 easy steps to have the full system ready to work
- › Configuration can take place remotely and settings uploaded to the unit after installation.

Easy to control

- › The combined effect of the Daikin Altherma weather dependent set-point controls and its inverter compressors maximises the efficiency of the new Daikin Altherma 3 with R32 Bluevolution technology at each outdoor temperature, ensuring consistent room temperatures at all times.
- › To control on a daily basis your home temperature, settings can be done anywhere at any time via the Daikin Online Controller app. This online controller allows adjustment of home comfort levels to suit individual preferences while achieving further energy efficiencies.



Control via app

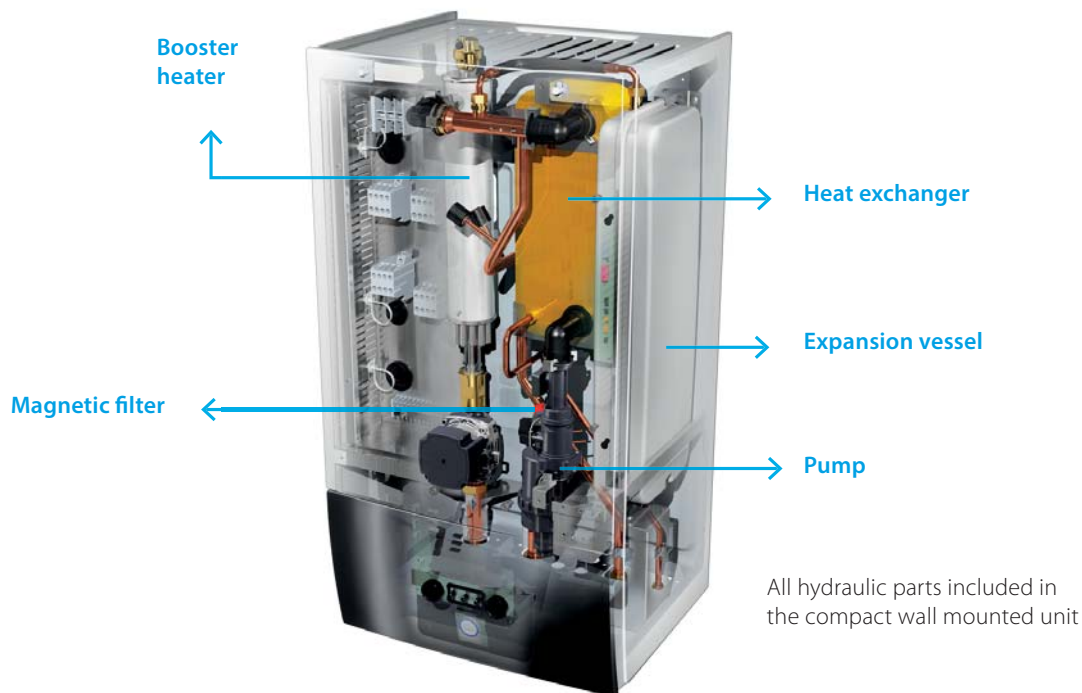


Why choose a Daikin Altherma 3 wall mounted unit?

The Daikin Altherma 3 split wall mounted unit offers heating and cooling with high flexibility for a quick and easy installation, with an optional connection to deliver domestic hot water.

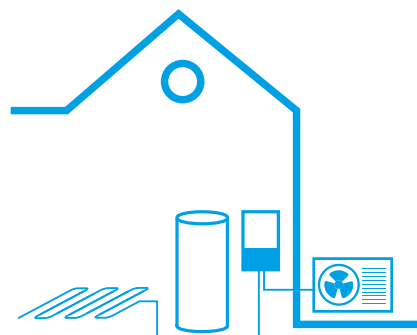
High flexibility for installation and domestic hot water connection

- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Compact dimensions allows for small installation space, as almost no side clearances are required.
- › The unit's sleek design blends in with other household appliances.



Daikin Altherma 3 adapts to your customers' needs

- **Highest seasonal efficiencies** providing the highest savings on running costs
- Perfect fit for **new builds**, as well as for low energy houses
- A leaving water temperature up to 65°C makes it a **perfect choice for refurbishments**



Wall mounted unit

High flexibility for installation and domestic hot water connection

- › Compact unit with small installation (almost no side clearance is required)
- › Can be combined with a space separate domestic hot water tank up to 500 litres, with or without solar support
- › Stylish modern design

Domestic hot water tank

Hot water heating installation options

Why choose a domestic hot water tank?

Whether you only need hot water or you want to combine your hot water with solar systems, we offer you the best solutions to the highest levels of comfort, energy efficiency and reliability.



NEW

Stainless steel tank



Domestic hot water tank

Stainless steel tanks

Comfort

- › Available in 150, 180, 200, 250 and 300 litres in stainless steel EKHWSU-D

Efficiency

- › High-quality insulation keeps heat loss to a minimum
- › Efficient temperature heating: from 10°C to 50°C in only 60 minutes

Reliability

- › At necessary intervals, the unit can heat up water up to 60°C to prevent the risk of bacteria growth



Flexibility in providing domestic hot water

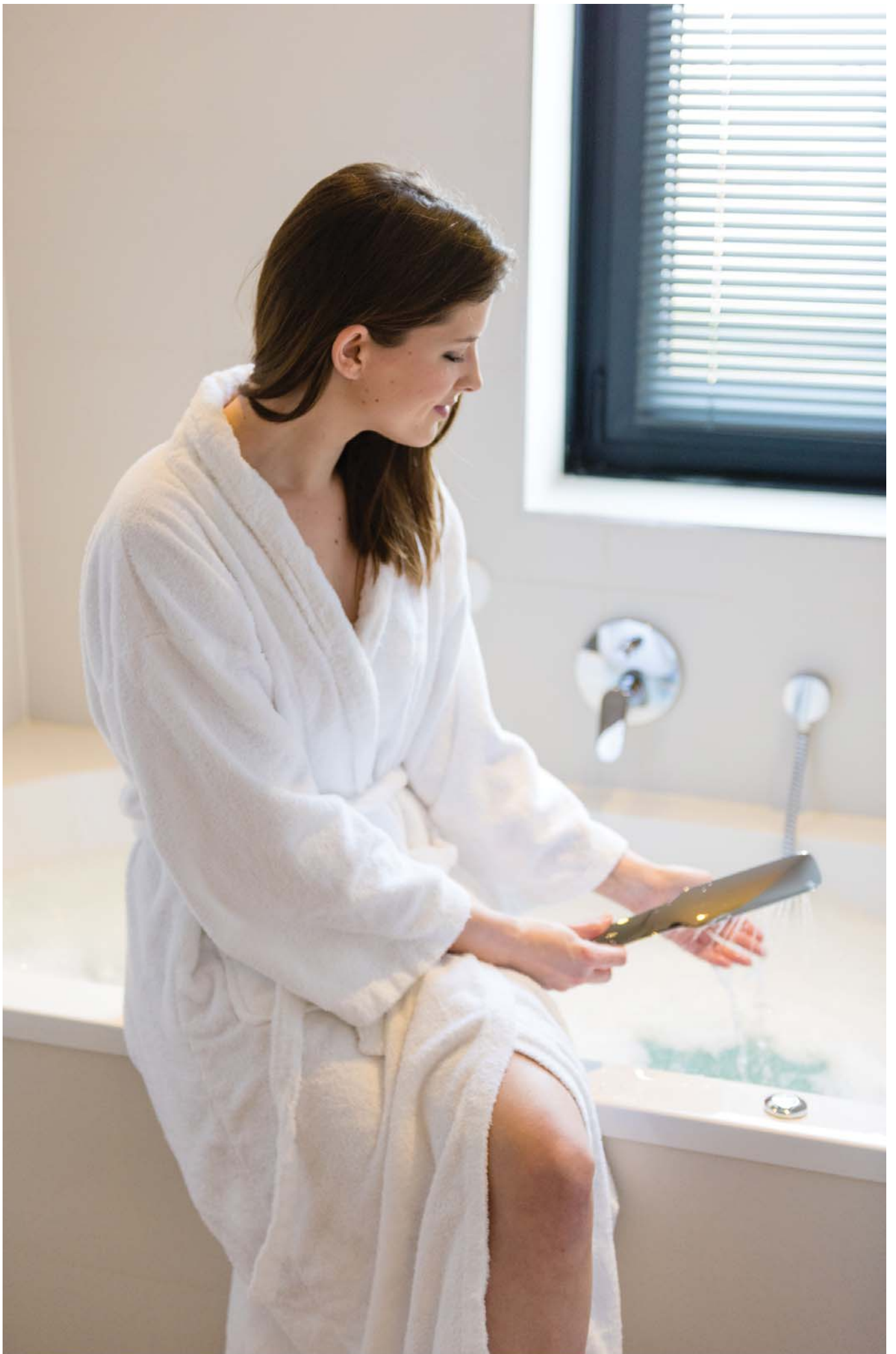
If the end user only requires hot water and installation height is limited, a separate stainless steel tank provides the required installation flexibility.

- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: with high tapping performance

- › Fit for future possibility to integrate with renewable solar energy and other heat sources.
- › Lightweight and robust build on the unit combined with cascade principle offers flexible installation options
- › Build for small and large homes, customers can choose between a pressureless and pressurised hot water system



Example of installation with a stainless steel domestic hot water tank.



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

		Thermostat	APP	BRP069A61 BRP069A62	KRCS01-1	EKRUDAS	EKRTR
Daikin Altherma 3	Room temperature	Yes	Yes	•		•	
		No	Yes	•	•		
	External control	Yes	No				•
	Leaving water temperature	Yes	No			•	

Supporting tools

Heating Solutions Navigator

Daikin's new Heating Solutions Navigator is designed to help you create the best solution for your customer's home.

The Heating Solutions Navigator is a versatile toolkit on Stand By Me, which brings together all the tools required to complete the design and selection of a system. It's so simple to use, you can create a solution for your customer in just five minutes – on your computer or mobile device.

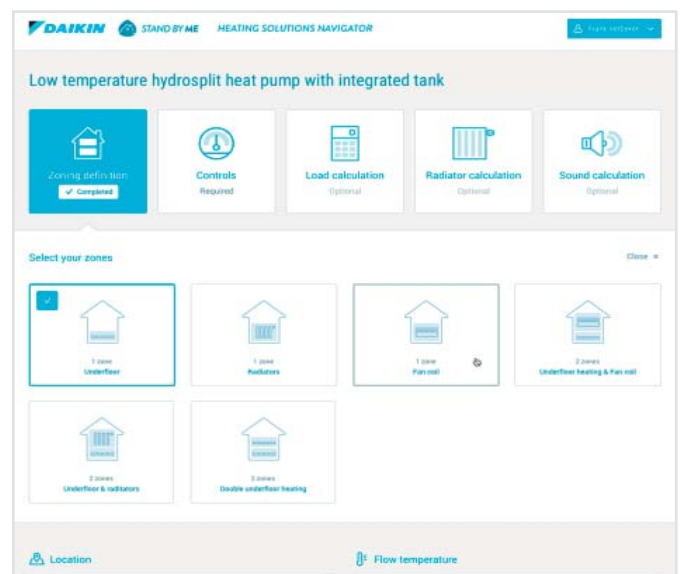
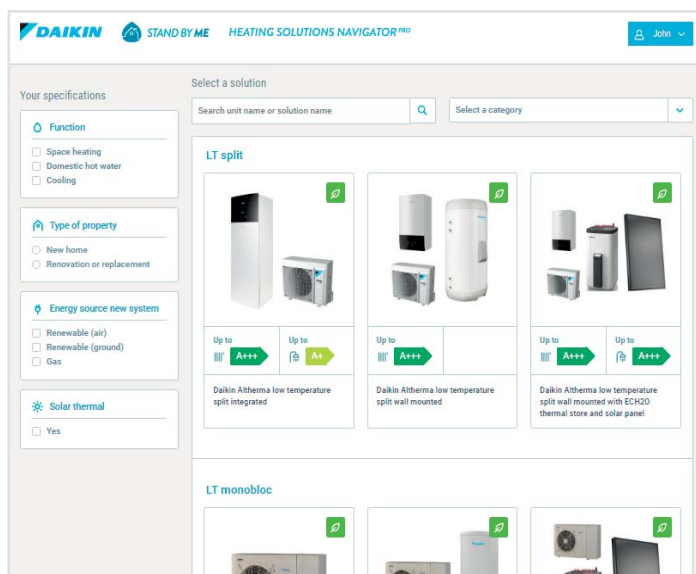
The Heating Solutions Navigator allows you to create quick estimates for initial enquiries or more detailed reports for hot prospects.

The reports offer a highly professional way to showcase Daikin heating solutions to your customers. All product and performance related information is in one place including the solution overview, product descriptions, specifications and schematics, images and literature, equipment list, energy labels, sound pressure information and RHI calculations.

All this can be shared with your customer at the click of a button. So you can follow up leads quickly, your customers can make informed decisions and you can maximise your project opportunities.

The Heating Solutions Navigator helps you to:

- › Quickly see the wide array of Daikin Heating Solutions available
- › Check all the options specifically for your installation
- › Link easily to the installation specific literature
- › Estimate the required heat load - from a simple snapshot to a detailed room-by-room calculation
- › Create custom made piping & wiring diagrams
- › Use the flue gas selection tool for gas based solutions
- › Set the configuration of your installation
- › Compare economic and environmental benefits of the Daikin system versus a conventional heating installation
- › Store all your leads on you Stand By Me account
- › Track projects from lead, installation and commissioning to inviting your customers to select after-sales services





Stand By Me is a new one-stop resource, providing a complete project management and customer after-care solution.

It provides easy online access to everything in one place including:

- › Heating Solutions Navigator selection tools and reports
- › Performance monitoring and remote metering tools required for MCS and RHI
- › Online commissioning and handover
- › Database of project leads, commissioned installations and registered warranties
- › End-user warranty registration and extension offers
- › End user service and maintenance package options

Installation database

Stand By Me provides a live dashboard of your project leads and, once the system is commissioned, your existing installations. So you can review and manage which products were installed, where and when.

Easy commissioning

Hand over couldn't be simpler either. Simply complete the commissioning details, add your customer's email address and they will receive a code so they can create an account on **Stand By Me** and select their warranty and maintenance options.

End user warranty registration

Warranty registration (previously on KEY) is now all done on **Stand By Me**. Once you've commissioned the system and emailed the code to your customer, your database will show you if the end-user has completed the warranty registration and the length of time remaining on their warranty.

Annual maintenance records

Stand By Me provides an easy way to review the annual maintenance schedules for each site and track any repairs carried out.

RHI remote monitoring

Stand By Me means that social housing providers no longer need physical access to properties in order to read meters for RHI reports. Remote monitoring of meters on **Stand By Me** provides a daily summary of the energy produced, consumed and the system efficiency, which can be submitted to Ofgem for RHI reporting. The Daikin remote metering cloud has been designed specifically for Daikin Altherma Hybrid systems and connects with your installed meters to provide all the information needed for quarterly RHI reporting.

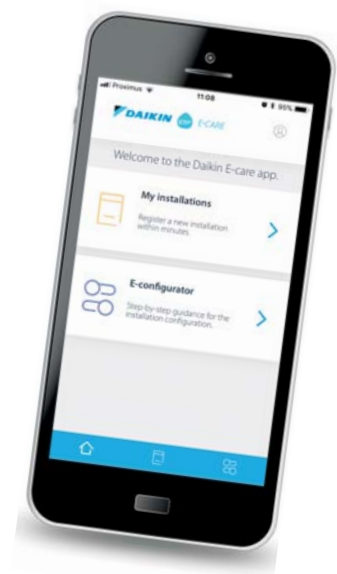
It couldn't be easier.

So get connected to Stand By Me today on standbyme.daikin.co.uk

E-care app NEW

All-in-one app

- › Register your installation on Stand By Me via simple **QR code** scanning
- › Quick configuration of your heat pump in **only 7 steps**
- › Diagnosis of malfunction by QR code scanning and error code input





Trust Daikin

Daikin makes world-class heat pumps. In fact, more than 400,000 Daikin Altherma heat pumps have been fitted across Europe since its initial launch in 2006.

We focus on doing only what we're best at: creating the most efficient heating, ventilation and air conditioning solutions, renowned for design excellence, quality and reliability.

So you can depend on Daikin for the ultimate in comfort, for your customers, leaving you free to focus growing your business with a leading innovator in heating and renewable technologies.

More than 400,000 Daikin Altherma heat pumps have been fitted across Europe since its initial launch in 2006.

daikin.co.uk

Heating installer line: 0845 641 9070

Dedicated homeowner support line: 0845 641 9271

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