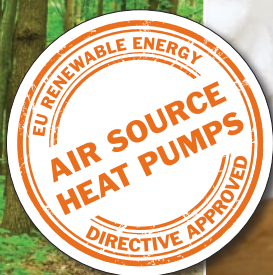


Daikin Altherma Monobloc Air Source Heat Pump



THE ENERGY EFFICIENT HOME HEATING SYSTEM



Daikin Altherma is a highly flexible, energy efficient home heating system that extracts the heat from the outside air, raises this heat to a higher temperature and then distributes warmth around the home. At the heart of the system lies an air to water heat pump.

Because of this advanced technology, three quarters of the heat generated by the Daikin Altherma system is from a renewable energy source, the air around us, and therefore absolutely free of charge! The Daikin Altherma air to water heat pump is today's answer to the current and future problems associated with conventional heating systems, such as, increasing primary energy costs and an unacceptably high environmental impact.

LESS ENERGY, PLEASANT WARMTH IN THE HOME

Daikin Altherma operates 3 to 5 times more efficiently than a traditional heating system based on fossil fuels or electricity. By making use of the heat in the outside air, you use far less energy while still enjoying a stable and pleasant level of comfort. Also, maintenance requirements are minimal ensuring low running costs. Thanks to the inverter technology and in-built weather compensation control Daikin Altherma uses; energy savings are even greater than most other heat pump systems.

COMPLETE COMFORT FOR YOUR FAMILY

Daikin Altherma satisfies all your heating and domestic hot water requirements right through the year even on the coldest days. With a fully integrated control system, Daikin Altherma will provide consistent comfort with optimum efficiency...and for those long hot summer days Daikin Altherma even comes with a cooling option.

RENEWABLE, INEXHAUSTIBLE ENERGY WITH SOLAR PANELS

Daikin Altherma has an option to be connected to, and to work in conjunction with solar panels. The integrated control system will maximise the renewable heat available, be it from the air, via the heat pump, or direct sunlight from the solar panel.

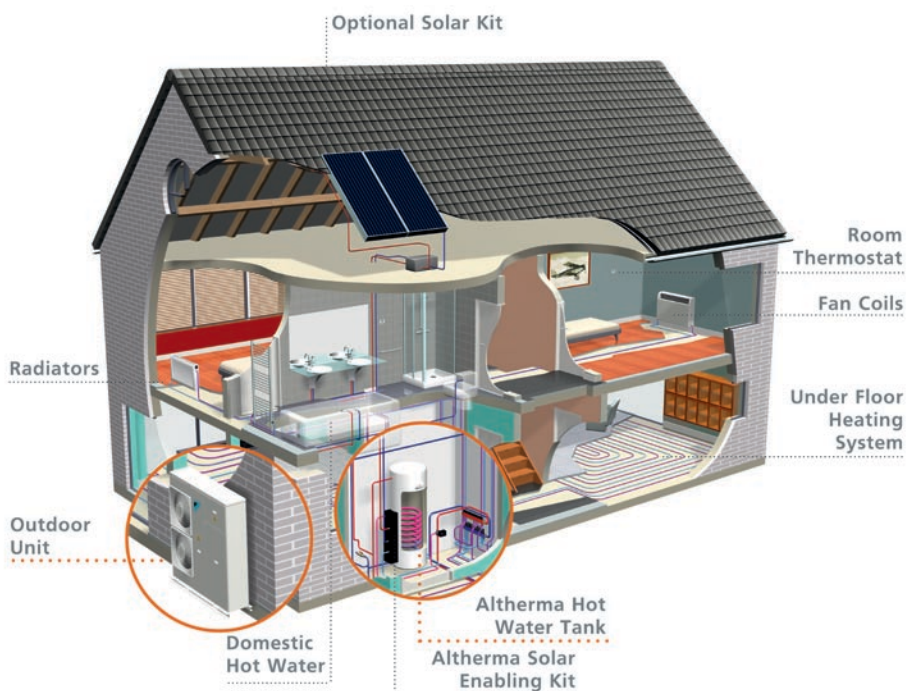
- ✓ Simple installation – water connections only
- ✓ 30 – 50% reduction in CO₂ emissions
- ✓ Low running costs
- ✓ Low maintenance
- ✓ Low noise – unobtrusive and quiet
- ✓ No groundwork i.e. trenches or boreholes
- ✓ No gas supply, flues or ventilation required
- ✓ Comparable installation costs to gas fired boilers
- ✓ Suitable for both apartments & houses
- ✓ Flexible, can be connected to underfloor heating, low temperature radiators or fan coils
- ✓ Helps achieve 3 stars rating and higher in the code for sustainable homes
- ✓ Reduced VAT for domestic applications – down to 5%
- ✓ No refrigerant handling required
- ✓ Antifreeze function eliminates need for glycol

OUTDOOR UNIT			HEATING ONLY			REVERSIBLE		
SINGLE PHASE			EDHQ011A6V3	EDHQ014A6V3	EDHQ016A6V3	EBHQ011A6V3	EBHQ014A6V3	EBHQ016A6V3
Nominal capacity	Heating	kW	11.20	14.00	16.00	11.20	14.00	16.00
	Cooling	kW				10.00	12.50	13.10
Nominal input	Heating	kW	2.47	3.20	3.79	2.47	3.20	3.79
	Cooling	kW				3.60	5.30	5.85
COP			4.54	4.37	4.22	4.54	4.37	4.22
EER						2.78	2.36	2.24
Operation range	Heating	°C	-15~35 ⁽¹⁾			-15~35 ⁽¹⁾		
	Cooling	°C				10~46		
	Domestic water	°C	-20~43			-20~43		
Sound power level	Heating	dBA	64	64	66	64	64	66
	Cooling	dBA				64	66	69
Sound pressure level	Heating	dBA	51	51	52	51	51	52
	Cooling	dBA				50	52	54
Dimensions	HxWxD	mm	1418 x 1435 x 382			1418 x 1435 x 382		
Weight		kg	180			180		
Refrigerant charge	R-410A	kg	2.95			2.95		
Power Supply			1~230V/50Hz			1~230V/50Hz		
Recommended fuses	A		32			32		

Measuring conditions: Heating Ta DB/WB 7°C/6°C - LWC 35°C (DT=5°C) - Cooling Ta 35°C - LWE7°C (DT=5°C)

⁽¹⁾ E(D/B)L* models can reach -20°C

COMBINATION TABLE - ACCESSORIES		HEATING ONLY			REVERSIBLE		
		EDHQ011A6V3	EDHQ014A6V3	EDHQ016A6V3	EBHQ011A6V3	EBHQ014A6V3	EBHQ016A6V3
Stainless steel DHW cylinder (unvented)	EKHWSU150B3V3	•	•	•	•	•	•
	EKHWSU200B3V3	•	•	•	•	•	•
	EKHWSU300B3V3	•	•	•	•	•	•
Solar enabling kit	EKSOLHWAV1	•	•	•	•	•	•
Wired remote control	EKRTW	•	•	•	•	•	•
Wireless remote control	EKRTR + EKRTETS	•	•	•	•	•	•



- ✓ Freeze protection of hydraulic parts, by insulation provided for all hydraulic components
- ✓ Specialised software to activate the pump and back up heater if necessary, to prevent the water temperature from dropping below freezing
- ✓ Weather compensation built in as standard
- ✓ Single phase power supply
- ✓ No fuel storage tank required

www.altherma.co.uk

Visit www.microgenerationcertification.org for a list of the latest MCS certified Daikin heat pumps

Daikin products are distributed by:

FSC

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin UK. Daikin UK has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin UK explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin UK.



Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FCU); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.