

Daikin Altherma 3 H W

wall mounted unit



Why choose Daikin wall mounted unit?

The Daikin Altherma 3 H W 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
- › Combine with a stainless steel or ECH₂O thermal store



Advanced user interface

The Daikin Eye

The intuitive Daikin eye shows you in real time the status of your system.



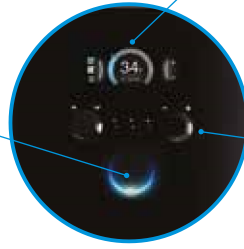
Blue

When the Daikin Eye indicates a blue colour, it means the boiler is functioning properly. The Daikin Eye will flash on and off when it's running on stand by mode.



Red

When the Daikin Eye indicates a red colour, it means the boiler is out of commission and requires a maintenance check.



Quick to configure

Log in and you'll be able to completely configure the unit via the new user interface in 9 steps. You can even check if the unit is ready for use by running test cycles. You can upload the settings on an USB stick and download it directly into the unit, or via the cloud.

Easy operation

Work super-fast with the new user interface. It's easy to use with just a few buttons and 2 navigational knobs.

Beautiful design

The user interface was especially designed to be very intuitive. The high contrasted colour screen delivers stunning and practical visuals that really help you as installer or service engineer.

Heat pumps

Multiple tank solutions, infinite possibilities

ECH₂O Thermal stores (EKHWP-(P)B)

Connect your Daikin Altherma 3 wall mounted unit with a thermal store and take advantage of the energy of the sun.

Stainless steel tank (EKHWS(U)-D)

Connect your Daikin Altherma 3 wall mounted unit with a stainless steel tank to achieve efficient domestic hot water heating production.

Flexibility in providing domestic hot water

Heating only models - EABH-D

The heating only Daikin Altherma 3 models provide domestic hot water and space heating in an efficient way.



Reversible models - EABX-D

Additionally to its core function, Daikin Altherma 3 can provide cooling during hot season.

This cooling function is working via emitters such as an underfloor system or thanks to a fancoil.




Daikin Altherma 3 H W

Wall mounted **heating only** air-to-water heat pump
ideal for low energy houses

- › Combine with a stainless steel tank or ECH₂O thermal store to provide domestic hot water
- › 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
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -28 °C



011-1W0319 -> 324

Efficiency data				EABH + EPGA	16D6V/D9W + 11DV		16D6V/D9W + 14DV		16D6V/D9W + 16DV		
Heating capacity	Nom.			kW	11.1 (1) / 11.3 (2)		14.5 (1) / 14.5 (2)		16.5 (1) / 15.6 (2)		
Power input	Heating	Nom.		kW	2.16 (1) / 2.91 (2)		2.91 (1) / 3.96 (2)		3.45 (1) / 4.21 (2)		
COP					5.15 (1) / 3.88 (2)		4.99 (1) / 3.65 (2)		4.78 (1) / 3.71 (2)		
 Space heating	Average climate water outlet 55 °C	General	SCOP		3.29		3.34		3.41		
			ηs (Seasonal space heating efficiency)	%	129		130		133		
			Seasonal space heating eff. class				A++				
	Average climate water outlet 35 °C	General	SCOP		4.38		4.45		4.56		
			ηs (Seasonal space heating efficiency)	%	172		175		179		
			Seasonal space heating eff. class		A++				A+++		
Indoor Unit				EABH	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W	
Casing	Colour				White + Black						
	Material				Resin, sheet metal						
Dimensions	Unit	Height x Width x Depth			mm	840 x 440 x 390					
Weight	Unit			kg	38						
Operation range	Heating	Water side	Min.~Max.		°C	15~60					
	Domestic hot water	Water side	Min.~Max.		°C	25~75					
Sound power level	Nom.			dBA	44						
Sound pressure level	Nom.			dBA	30						
Outdoor Unit				EPGA	11DV		14DV		16DV		
Dimensions	Unit	Height x Width x Depth			mm	1,440 x 1,160 x 380					
Weight	Unit			kg	143						
Compressor	Quantity				1						
	Type				Hermetically sealed scroll compressor						
Operation range	Cooling	Min.~Max.		°CDB	10~43						
	Domestic hot water	Min.~Max.		°CDB	-28~35						
Refrigerant	Type				R-32						
	GWP				675.0						
	Charge	kg			3.50						
	Charge	TCO ₂ Eq			2.36						
	Control				Expansion valve						
Sound power level	Heating	Nom.		dBA	64				66		
	Cooling	Nom.		dBA					68		
Sound pressure level	Heating	Nom.		dBA	48		49		52		
	Cooling	Nom.		dBA			55				
Power supply	Name/Phase/Frequency/Voltage				Hz/V	V3/1N~/50/230					
Current	Recommended fuses				A	32					

(1) Cooling Ta 35 °C - LWE 18 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 35 °C (DT = 5 °C) (2) Cooling Ta 35 °C - LWE 7 °C (DT = 5 °C); heating Ta DB/WB 7 °C/6 °C - LWC 45 °C (DT = 5 °C).


Daikin Altherma 3 H W

Wall mounted **reversible** air-to-water heat pump
ideal for low energy houses

- › Combine with a stainless steel tank or ECH₂O thermal store to provide domestic hot water
- › 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
- › Integrated back-up heater choice of 6 or 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -28 °C








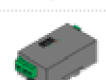

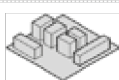






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Heating capacity	Nom.			kW	11.1 (1) / 11.3 (2)		14.5 (1) / 14.5 (2)		16.5 (1) / 15.6 (2)	
Power input	Heating	Nom.		kW	2.16 (1) / 2.91 (2)		2.91 (1) / 3.96 (2)		3.45 (1) / 4.21 (2)	
Cooling capacity	Nom.			kW	10.5 (1) / 10.7 (2)		11.1 (1) / 11.9 (2)		13.5 (1) / 11.9 (2)	
Power input	Cooling	Nom.		kW	2.21 (1) / 3.30 (2)		2.72 (1) / 3.97 (2)		3.42 (1) / 3.97 (2)	
COP					5.15 (1) / 3.88 (2)		4.99 (1) / 3.65 (2)		4.78 (1) / 3.71 (2)	
EER					4.75 (1) / 3.23 (2)		4.09 (1) / 2.99 (2)		3.94 (1) / 2.99 (2)	
 Space heating	Average climate water outlet 55 °C	General	SCOP		3.32		3.37		3.43	
			ηs (Seasonal space heating efficiency)	%	130		132		134	
			Seasonal space heating eff. class				A++			
	Average climate water outlet 35 °C	General	SCOP		4.44		4.51		4.61	
			ηs (Seasonal space heating efficiency)	%	175		178		182	
Seasonal space heating eff. class				A++						
					A++		A+++			
Indoor Unit				EABX	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour				White + Black					
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Options

		Type	Material name	Daikin Altherma 3 H W
Controllers		Remote user interface	BRC1HHDK/S/W	●
		LAN Adapter + PV Solar connection	BRP069A61	●
		LAN only	BRP069A62	●
		Room thermostat (wired)	EKRTWA	●
		Room thermostat (wireless)	EKRTR1	●
		External sensor	EKRTETS	●
		DCOM gateway	DCOM-LT/IO	
		DCOM gateway	DCOM-LT/MB	
Adapter		Demand PCB	EKRP1AHTA	●
		Digital I/O PCB	EKRP1HBAA	●
Installation		Bi-Zone kit (watts kit)	BZKA7V3	●
		Third party tank it for tank with sensor pocket	EKHY3PART	●
		Third party tank kit for tank with built-in thermostat	EKHY3PART2	●
Sensors		Remote indoor sensor	KRCS01-1	●
		Remote outdoor sensor	EKRSCA-1	●
Others		PC USB Cable	EKPCCAB4	●
		Conversion kit	EKHBCONV	●
			EKHVCONV2	
		Universal centralized controller	EKCC8-W	●
		Freeze protection valve	AFVALVE1	●
		Heat pump convector + valve kit	FWXV-A + EKVKHPC	●