



Daikin Altherma 3 H HT W

wall mounted unit

Why choose Daikin 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
- › Combine with a stainless steel or ECH₂O thermal store



Flexibility in providing domestic hot water

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

ECH₂O thermal store range: additional hot water comfort.

Combine your wall mounted unit with a thermal store for additional hot water comfort.

- › 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, e.g. fireplace
- › Lightweight and robust build on the unit combined with cascade principle offers flexible installation options

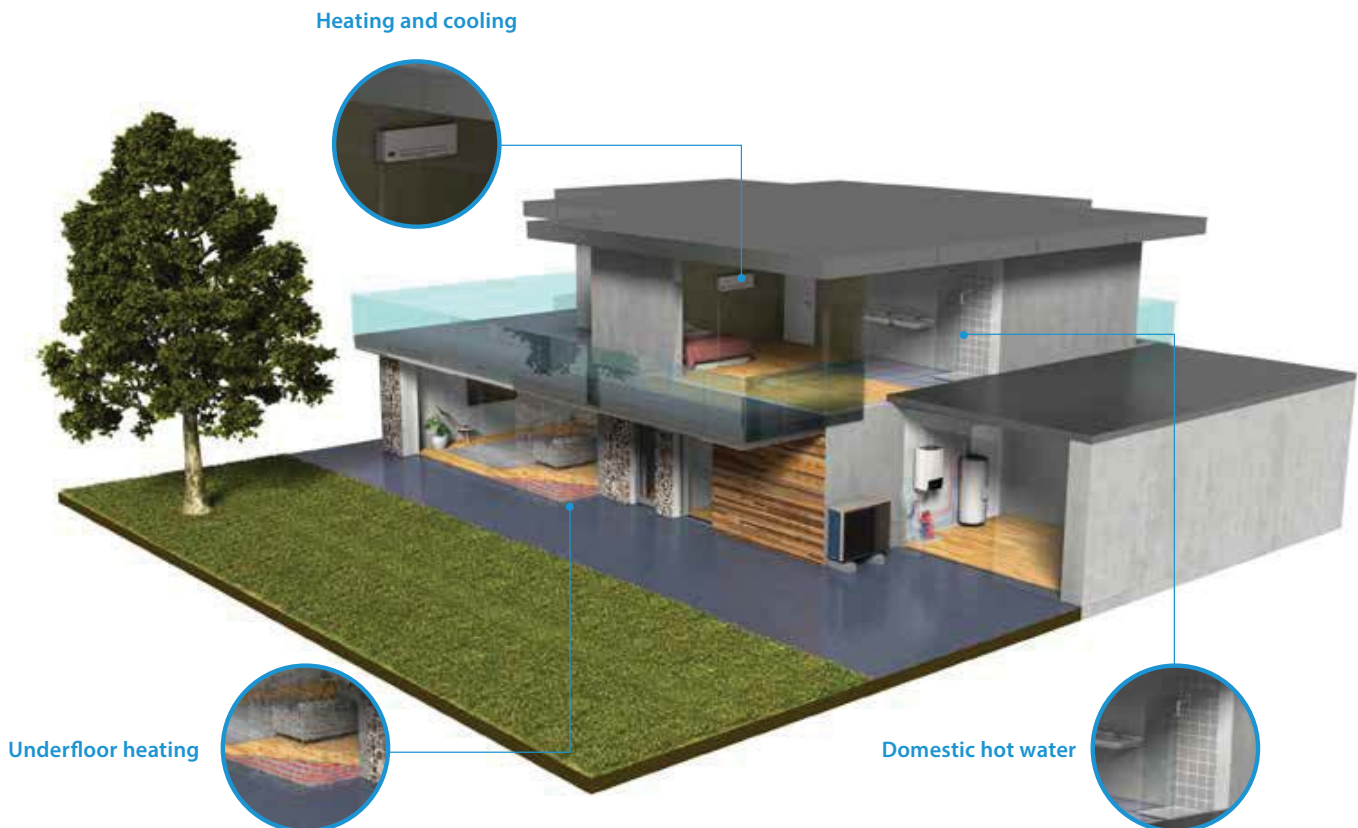


Heat pumps

Flexibility in providing space heating

Daikin Altherma 3 H HT W is the perfect choice in case the end user is looking for space heating or cooling while domestic hot water is provided by another system.

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



Daikin Altherma 3 H HT W

Wall mounted **heating only** air-to-water heat pump

- › 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 tank or ECH₂O thermal store
- › Heat pump operation down to -28 °C



Efficiency data			ETBH + EPRA	16D6V + 14DV/DW	16D9W + 14DV/DW	16D6V + 16DV/W	16D9W + 16DV/W	16D6V + 18DV/DW	16D9W + 18DV/DW
Space heating	Average climate water outlet 55 °C	General	SCOP	3,58 / 3,57					
			η _s (Seasonal space heating efficiency) %	140					
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class	A++					
			SCOP	4,51 / 4,71					
			η _s (Seasonal space heating efficiency) %	177 / 186					
			Seasonal space heating eff. class	A+++					
Indoor Unit			ETBH	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour			White + Black					
	Material			Sheet metal					
Dimensions	Unit	Height x Width x Depth	mm	840 x 440 x 390					
Weight	Unit		kg	42					
Operation range	Heating	Water side Min.~Max.	°C	18 ~ 70					
	Domestic hot water	Water side Min.~Max.	°C	25 ~ 80					
Sound power level	Nom.		dBA	44					
Sound pressure level	Nom.		dBA	30					
Outdoor Unit			EPRA	14DV3/DW1	16DV3/W1	18DV3/DW1			
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533					
Weight	Unit		kg	146/151					
Compressor	Quantity			1					
	Type			Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.	°CDB	-28 ~ 35					
	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35					
Refrigerant	Type			R-32					
	GWP			675.0					
	Charge		kg	4.20					
	Charge		TCO ₂ Eq	2,84					
	Control			Expansion valve					
LW(A) Sound power level (according to EN14825)				54					
Sound pressure level (at 1 meter)	Nom.			43,0			48,0		
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230 / W1/3~/50/400					
Current	Recommended fuses		A	32/16					

Daikin Altherma 3 H HT W

Wall mounted **reversible** air-to-water heat pump

- > 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 tank or ECH₂O thermal store
- > Heat pump operation down to -28 °C



Heat pumps

Efficiency data				ETBX + EPRA	16D6V + 014DV/W	16D9W + 14DV/W	16D6V + 16DV/W	16D9W + 16DV/W	16D6V + 18DV/W	16D9W + 18DV/W
Space heating	Average climate water outlet 55 °C	General	SCOP	3,62 / 3,63						
			η _s (Seasonal space heating efficiency)	142						
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class	A++						
			SCOP	4,57 / 4,81						
			η _s (Seasonal space heating efficiency)	180 / 190						
			Seasonal space heating eff. class	A+++						
Indoor Unit				ETBX	16D6V	16D9W	16D6V	16D9W	16D6V	16D9W
Casing	Colour	White + Black								
	Material	Sheet metal								
Dimensions	Unit	Height x Width x Depth	mm	840 x 440 x 390						
Weight	Unit	kg		42						
Operation range	Heating	Water side	Min.~Max.	18 ~ 70						
	Cooling	Water side	Min.~Max.	5 ~ 50						
	Domestic hot water	Water side	Min.~Max.	25 ~ 80						
Sound power level	Nom.	dBA		44						
Sound pressure level	Nom.	dBA		30						
Outdoor Unit				EPRA	14DV3/DW1	16DV3/W1	18DV3/DW1			
Dimensions	Unit	Height x Width x Depth	mm	1,003 x 1,270 x 533						
Weight	Unit	kg		146/151						
Compressor	Quantity	1								
	Type	Hermetically sealed scroll compressor								
Operation range	Cooling	Min.~Max.	°CDB	10 ~ 43						
	Heating	Min.~Max.	°CDB	-28 ~ 35						
	Domestic hot water	Min.~Max.	°CDB	-25 ~ 35						
Refrigerant	Type	R-32								
	GWP	675,0								
	Charge	kg		4,20						
	Charge	TCO ₂ /Eq		2,84						
	Control	Expansion valve								
LW(A) Sound power level (according to EN14825)				54						
Sound pressure level	Nom.	(at 1 meter)		43,0			48,0			
Power supply	Name/Phase/Frequency/Voltage			V3/1~/50/230 / W1/3~/50/400						
Current	Recommended fuses			A 32/16						