

Daikin Altherma 3 H MT & HT
The Quintessence of heat pump
Product catalogue



Mid to high temperature air-to-water heat pump
Heating, cooling and domestic hot water



reddot design award
winner 2019





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.

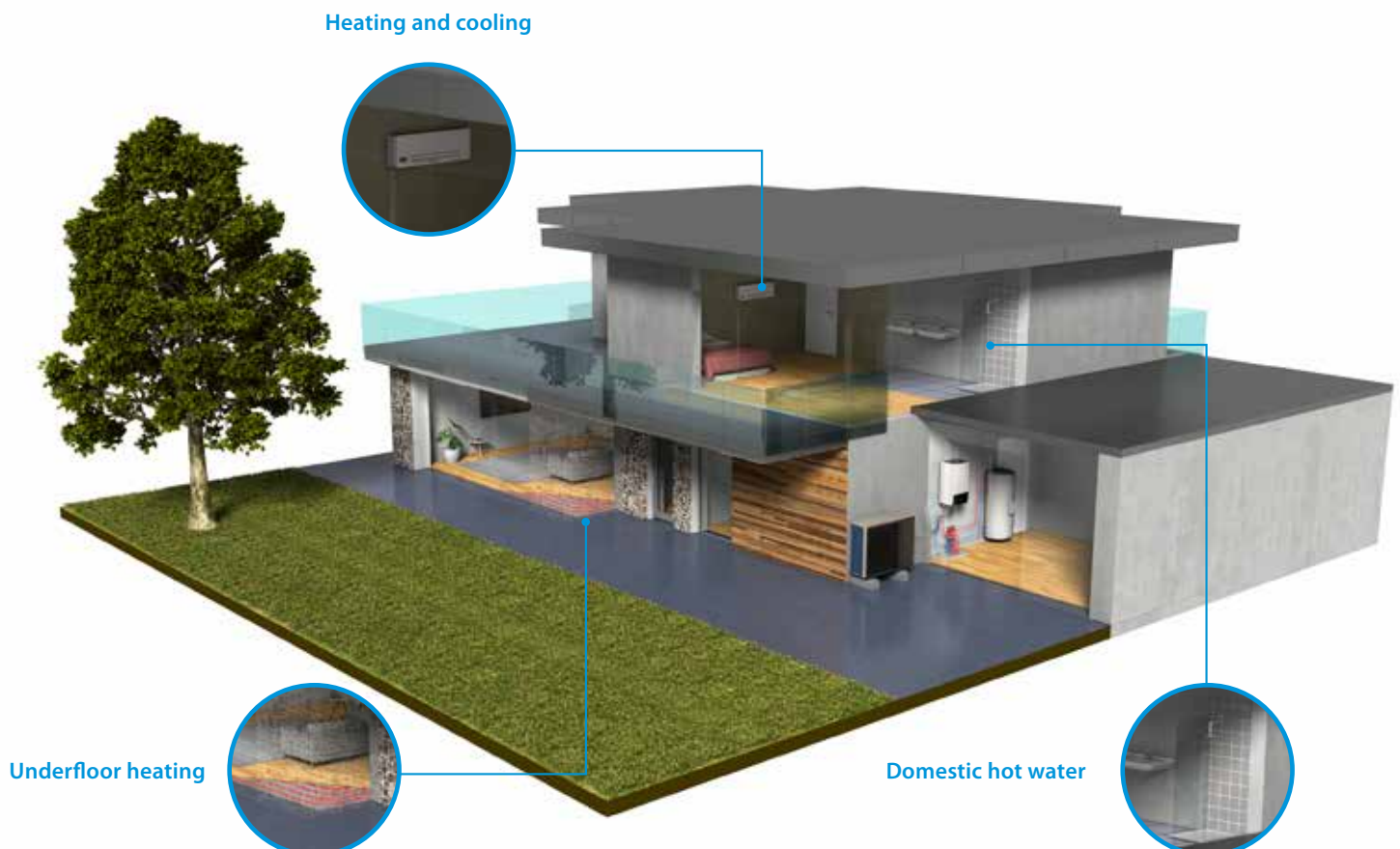
- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: with high tapping performance
- › Fit for future possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build on the unit combined with cascade principle offers flexible installation options



Flexibility in providing space heating

The wall mounted unit 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 **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



up to

A+++

R-32



011-1W0353
011-1W0357
011-1W0361

Efficiency data				ETBX + EPRA	16E6V + 014DV/W	16E9W + 14DV/W	16E6V + 16DV/W	16E9W + 16DV/W	16E6V + 18DV/W	16E9W + 18DV/W
Space heating	Average climate water outlet 55 °C	General	SCOP	3,62 / 3,63						
			ηs (Seasonal space heating efficiency) %	142						
	Seasonal space heating eff. class			A++						
	Average climate water outlet 35 °C	General	SCOP	4,57 / 4,81						
ηs (Seasonal space heating efficiency) %			180 / 190							
Seasonal space heating eff. class			A+++							
Indoor Unit				ETBX	16E6V	16E9W	16E6V	16E9W	16E6V	16E9W
Casing	Colour	White + Black								
	Material	Sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390						
Weight	Unit		kg	42						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	18 ~ 70					
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43					
		Water side	Min.~Max.	°C	5 ~ 22					
	Domestic hot water	Ambient	Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
Outdoor Unit				EPRA	14DV3/W1		16DV3/W1		18DV3/W1	
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533						
Weight	Unit		kg	146/151						
Compressor	Quantity	1								
	Type	Hermetically sealed scroll compressor								
Operation range	Heating		Min.~Max.	°CDB	-28 ~ 25					
	Cooling		Min.~Max.	°CDB	10 ~ 43					
	Domestic hot water		Min.~Max.	°CDB	-28 ~ 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						

This product contains fluorinated greenhouse gases.