

Daikin Altherma 3 H R MT

(8-10-12 kW)

Product catalogue



Mid Temperature air-to-water heat pump hydrosplit
Heating, cooling and domestic hot water



reddot design award
winner 2019



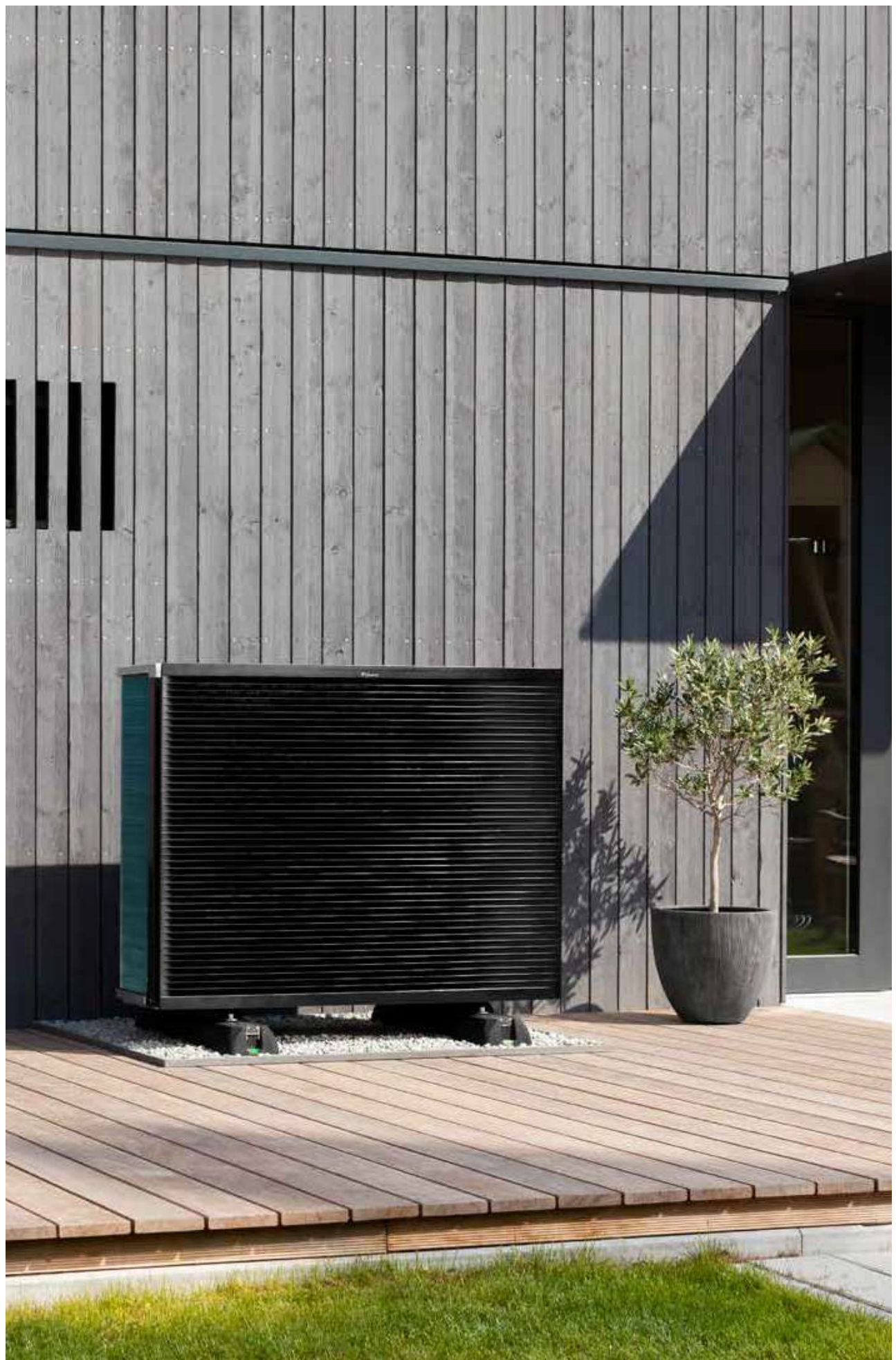


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The ideal boiler replacement

Gets extended

Ideal to replace gas boilers

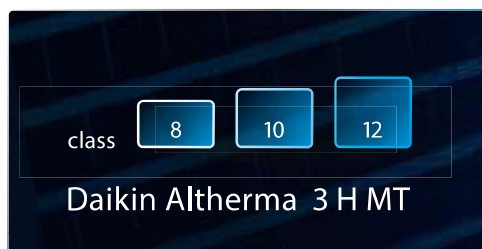
Houses built in the 90s often need a refurbishment to still look up-to-date.

In a renovation project, this is also important to consider changing your initial heating system.

Daikin Altherma 3 H MT comes as a perfect replacement in such houses, where a leaving water temperature of 65 °C is sufficient. Easy to install, you can even leave the recent radiators installed!

Suitable for medium sized new buildings

With a capacity range going from 8 to 12 class, Daikin Altherma 3 H MT also fits in medium sized new buildings.





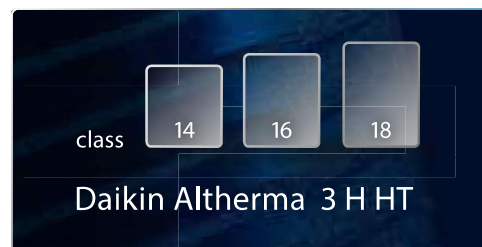
Ideal to replace oil boilers

Daikin Altherma 3 H HT is a high temperature heat pump, able to deliver a leaving water temperature of 70 °C. Thanks to this operation range, the unit can replace oil boilers in older houses.

Traditional radiators can also stay in place, but more recent radiators could be a good option in order to make further energy savings.

Suitable for large new buildings

With a capacity range going from 14 to 18 class, Daikin Altherma 3 H HT can answer the needs of large new buildings.



The Quintessence of heat pump

meeting modern society's expectations



Made in Europe, for Europe

European weather can be tough sometimes. That's why we designed the Daikin Altherma 3 H MT & HT.

Heating capacities are also maintained high by low ambient temperature thanks to genuine Daikin technology.

As the market leader, Daikin is always striving to make the most reliable and efficient heat pumps possible. Daikin developed the Bluevolution technology to achieve higher and greener performance. This technology is now part of all new products. The Daikin Altherma 3 H HT was the first Daikin outdoor unit with a distinctive design. Its single fan reduces the noise level and its black front grille makes the unit fit into any environment.

All these dedicated components were developed in-house to make the quintessence of heat pump unique.

Superior performance, renewable energy use, design and acoustic comfort. This is what the Quintessence of heat pump is all about.

BLUEEVOLUTION

The Bluevolution technology combines a specifically developed compressor and the R-32 refrigerant. Daikin is one of the pioneers in the world to launch heat pumps equipped with R-32. With a lower Global Warming Potential (GWP), the R-32 is equivalent in power to standard refrigerants, but achieves higher energy efficiency and lower CO₂ emissions.

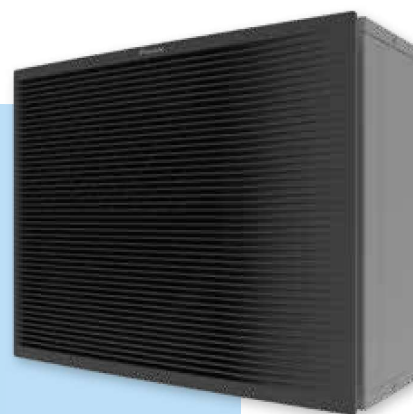
Easy to recover and re-use, R-32 is the perfect solution to attain the new European CO₂ emission targets.

R-32

Timeless design and space-saving installation

Aside from the acoustic comfort, design is a decisive point nowadays. Specific attention was paid to making the outdoor unit blend in with your home.

The black front grille stretches horizontally making the fan inside invisible. The mat grey casing reflects the colour of the wall behind for more discretion. This unit received the IF and reddot design awards 2019.



Witness a timeless design

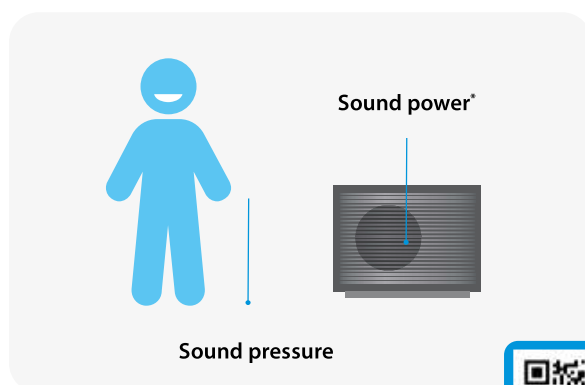
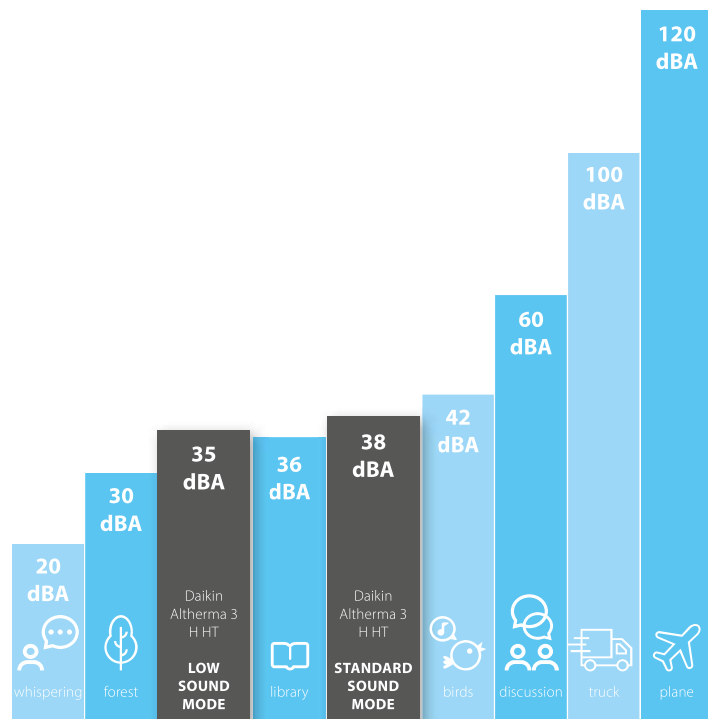


Silence rhymes with comfort

The Quintessence of heat pump has been designed to reduce its acoustic level and meet the expectations of today's society.

In standard sound mode, the unit produces a sound pressure of 38 dBA at 3 metres, so somewhere between birds chirping and the inside of a library.

The unit also offers greater flexibility by having a low sound mode that reduces the sound pressure at 3 metres to 35 dBA, representing a real reduction of half the sound level!



* Erp sound power:
Daikin Altherma 3 H MT = 53 dBA
Daikin Altherma 3 H HT = 54 dBA

The acoustic level can be evaluated in two ways

- › The **sound power** is generated by the unit itself, independently of distance and environment
- › The **sound pressure** is the sound perceived at a certain distance. The sound pressure is usually calculated at between 1 and 5 metres from the unit.



Listen to the silence of our outdoor unit

Innovation At the heart of our concerns

The Daikin Altherma 3 H MT & HT are at top of low sound and heating performances thanks to dedicated developments. Several major components are designed to make this product reach the excellence such as a double injection compressor and a single fan even for large capacity units as well as a brand-new casing.

A redesigned casing

The black front grille made of horizontal lines is hiding the fan from view, reducing the perception of the sound produced by the unit.

The light grey casing is slightly reflecting the environment where the unit is installed, helping it to blend in in any decor.

This unique design already got design awards.

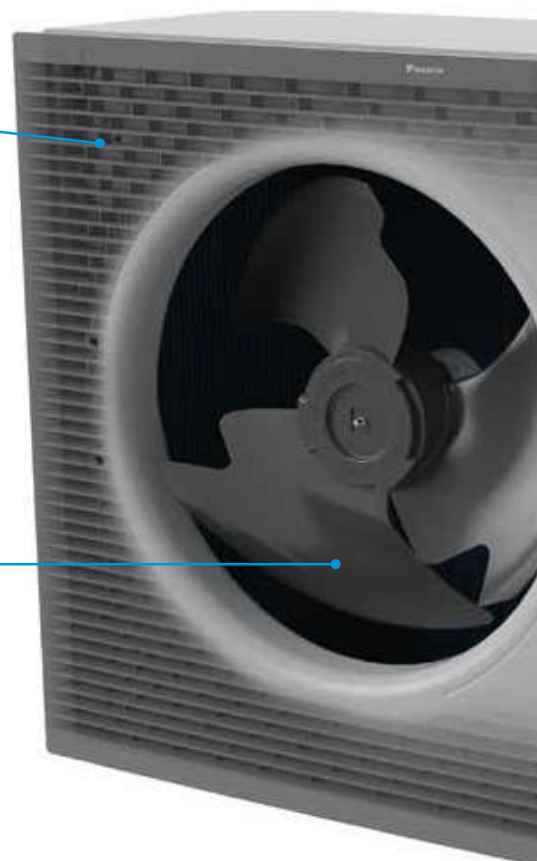


reddot design award
winner 2019

A single fan for all capacities

The single fan is slightly larger, replacing the usual double fan for high capacity units (classes 8-10-12-14-16-18).

The shape of the fan has also been reviewed to reduce the contact surface with air therefore lower the sound level by improving the air circulation.

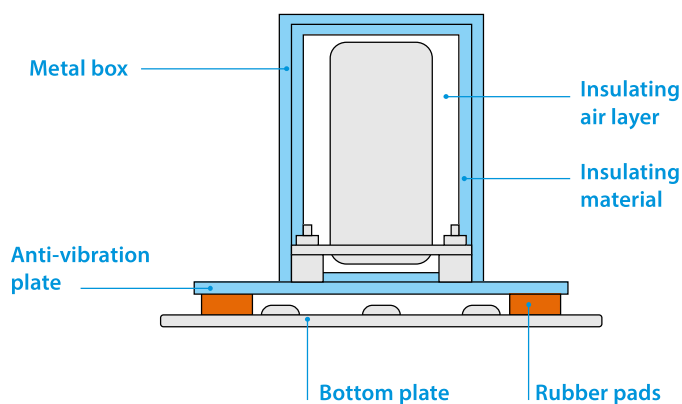


Compressor insulation and anti-vibration

To reduce the compressor sound power, several actions were taken in terms of absorption and insulation.

First, the compressor is surrounded by a 3-layer insulation made of air, insulation material and a metal box.

Regarding the absorption, the unit benefits from a double sound reduction by using rubber pads between the bottom plate and the vibration plate under the compressor.



New double injection compressor

To make this product unique, Daikin Europe cooperated with Daikin Japan to develop top notch components. The Daikin Altherma 3 H HT compressor is able to deliver a high leaving water temperature of 70 °C on its own, while the Daikin Altherma 3 H MT available in classes 8-10-12 delivers up to 65 °C leaving water temperature.

Impressive performance

With these new developments, the Daikin Altherma 3 H MT & HT reach the best performances illustrated in the energy labels:



Feel a true performance

One solution, multiple combinations

The Quintessence range can be combined with three different indoor units to connect to the outdoor unit, offering specific features to ensure heating, cooling and domestic hot water in your home.

Outdoor unit

The outdoor unit is available in 6 classes 8-10-12-14-16-18 kW.



Integrated DHW stainless steel tank model

This model is a compact unit with a small footprint of 595x625mm. The unit is equipped with a tank of 180 or 230L to answer your domestic hot water demand.



Integrated ECH₂O DHW tank model

The ECH₂O unit is equipped with a thermal DHW tank of 300 or 500L that can be connected to thermal solar panels.



Wall mounted model

This model is the most compact unit but needs to be with a separate tank to deliver domestic hot water.



See exact dimensions per model in the specification tables (p22-29).

Get the best comfort

with the best functionalities

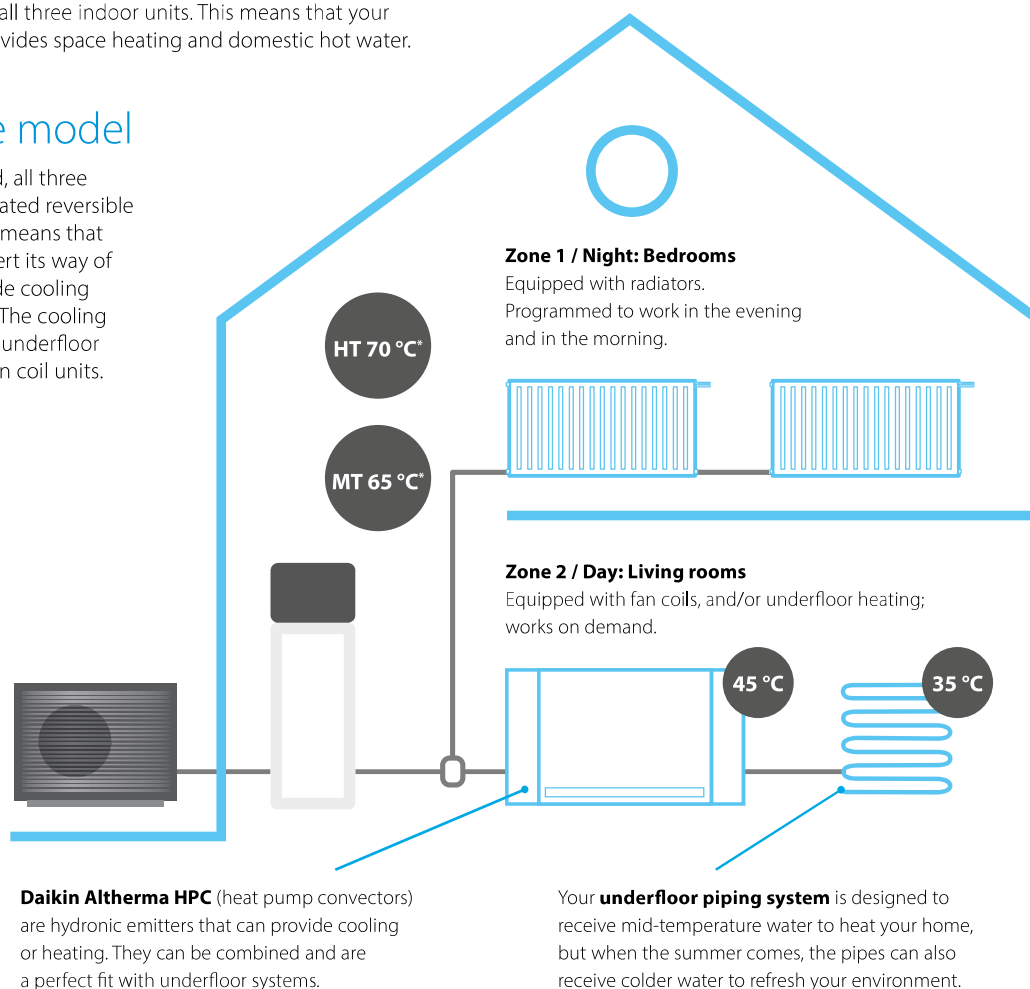
Choose from the Daikin "Three Pluses" the functionality that best fits your customer's needs. The indoor units come in 3 possible versions: heating only, reversible and bizone, giving you the opportunity to tailor your Daikin heating system.

+ Heating only model

The heating only model is standard in the Daikin product range and is available for all three indoor units. This means that your heating system provides space heating and domestic hot water.

+ Reversible model

If cooling is needed, all three indoors have dedicated reversible models. Reversible means that the system can invert its way of working and provide cooling instead of heating. The cooling function requires a underfloor piping system or fan coil units.



+ Bizone model

Only the DHW stainless steel tank model has a dedicated bizone model: you can choose two independent zones with different emitters that need a different temperature level in different rooms (example: underfloor system in the living room and radiators in the bedroom upstairs).

The 2 zones can also be managed independently: deactivate heating on the first floor during the day in order to reduce over consumption.

* Daikin Altherma 3 H HT models (14-16-18 classes). Daikin Altherma 3 H MT produces a LWT up to 65 °C.



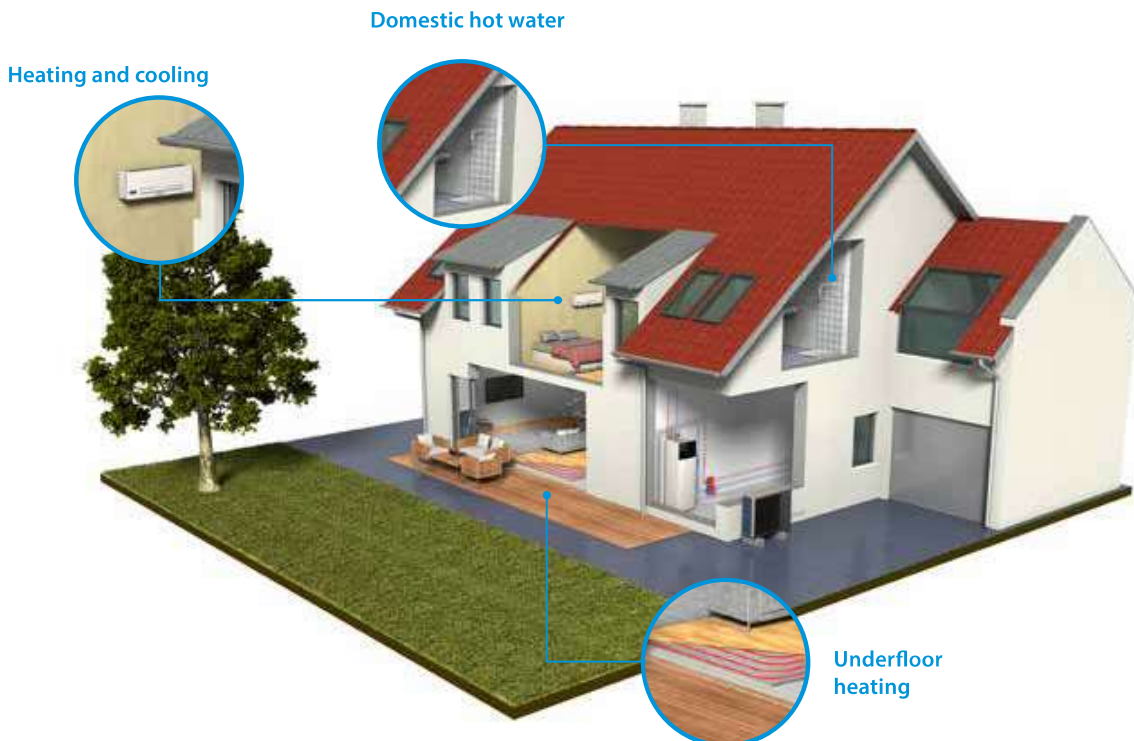
Floor standing unit with integrated tank

Why choose Daikin floor standing unit with integrated domestic hot water tank?

The Daikin Altherma 3 floor standing unit is the ideal system **to deliver heating, domestic hot water and cooling** for renovation or large new built.

All in one system to save installation space and time

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heatpump ensures a faster installation compared to traditional systems.
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater choice of 6, 9 kW models are available
- › Dedicated bi-zone models allowing temperature monitoring for 2 zones.



All-in one design

Reduces the installation footprint and height

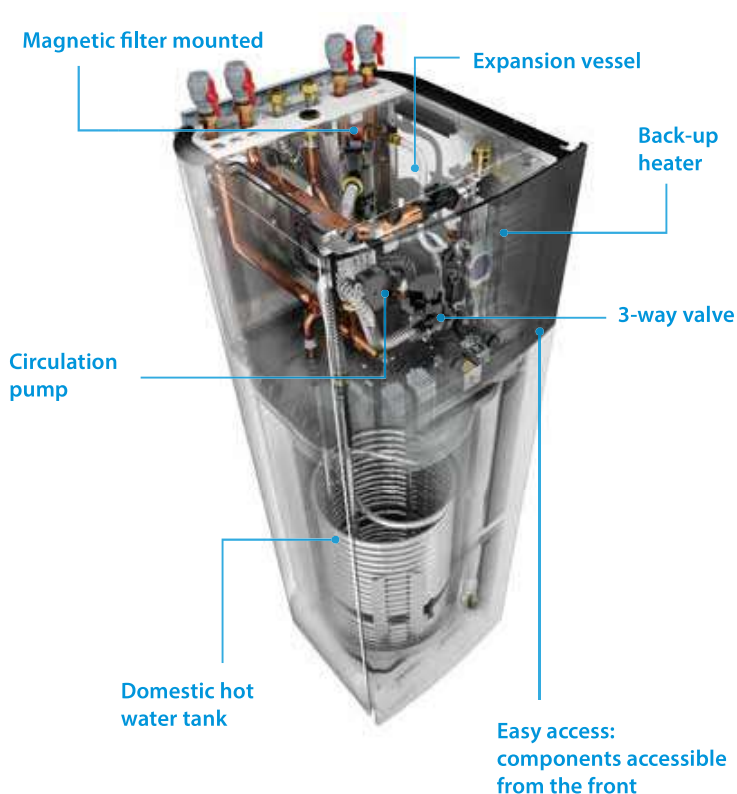
Compared to the traditional split version for a wall mounted indoor unit and a separate domestic hot water tank, the integrated indoor unit greatly reduces the installation space required.

With a small footprint of 595 x 625 mm, the integrated indoor unit has a similar footprint when compared to other household appliances.

For installation projects, almost no side clearance is necessary as the piping is located at the top of the unit.

With an installation height of 1,65 m for an 180 L tank and 1,85 m for a 230 L tank, the required installation height is less than 2m.

The compactness of the integrated indoor unit is emphasised by its sleek design and modern look, easy blending in with other household appliances.



Advanced user interface



The Daikin Eye

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

Blue is perfect! Should the eye turn red, an error has occurred.

Quick to configure

Log in and you'll be able to completely configure the unit via the new interface in less than 10 steps. You can even check if the unit is ready for use by running test cycles!

Easy operation

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

Beautiful design

The 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.

Integrated indoor unit








Daikin Altherma 3 H MT F

Floor standing air to water heat pump for **heating and hot water**

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



Efficiency data				ETVH + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W			
	Space heating		General	SCOP	%	3,41 / 3,52		3,43 / 3,53					
				ηs (Seasonal space heating efficiency)		134 / 138							
				Seasonal space heating eff. class		A++							
		General	SCOP	%	4,69 / 4,81		4,71 / 4,84		4,71 / 4,84				
			ηs (Seasonal space heating efficiency)		184 / 190		186 / 191		186 / 191				
Seasonal space heating eff. class			A+++										
	Domestic hot water heating		Declared load profile	%	L	XL	L	XL	L	XL			
			Average climate		COPdhw	2,72 / 2,80	2,96 / 3,05	2,72 / 2,80	2,96 / 3,05	2,72 / 2,80	2,96 / 3,05		
			ηwh (water heating efficiency)		117 / 120	126 / 130	117 / 120	126 / 130	117 / 120	126 / 130			
			Water heating energy efficiency class						A+				
Indoor Unit				ETVH	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W			
Casing	Colour					White + Black							
	Material					Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625				
Weight	Unit					kg	108	117	108	117			
Tank	Water volume					l	180	230	180	230			
	Maximum water temperature				°C	70							
	Maximum water pressure				bar	10							
	Corrosion protection					Pickling							
	Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25							
Water side			Min.~Max.	°C	18 ~ 65								
Domestic hot water		Ambient	Min.~Max.	°C	-28 ~ 35								
		Water side	Min.~Max.	°C	10 ~ 65								
Sound power level	Nom.				dBA	44							
Sound pressure level	Nom.				dBA	30							
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1				
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533									
Weight	Unit					kg	118						
Compressor	Quantity				1								
	Type				Hermetically sealed swing 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							
	Charge					kg							
	Charge	TCO ₂ Eq				2,19							
	Control					Expansion valve							
LW(A) Sound power level (according to EN14825)				53									
Sound pressure level (at 1 meter)	Nom.				V3: 40,6 - W1: 41,1								
Power supply	Name/Phase/Frequency/Voltage				Hz/V								
Current	Recommended fuses				A								
				V3: 32 - W1: 16									



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT F

Floor standing air to water heat pump for **heating, cooling and hot water**

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



Efficiency data				ETVX + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,47 / 3,59		3,48 / 3,60				
				η _{sp} (Seasonal space heating efficiency)			136 / 141				
				Seasonal space heating eff. class			A++				
		Average climate water outlet 35 °C	General	SCOP	4,79 / 4,95		4,82 / 4,98				
				η _{sp} (Seasonal space heating efficiency)	188 / 195		190 / 196				
				Seasonal space heating eff. class			A+++				
	Domestic hot water heating	General	Declared load profile	L							
		Average climate	COP _{dhw}	2,72 / 2,80		2,96 / 3,05		2,72 / 2,80		2,96 / 3,05	
			η _{wh} (water heating efficiency)	117 / 120		126 / 130		117 / 120		126 / 130	
			Water heating energy efficiency class							A+	
Indoor Unit				ETVX	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W	
	Casing	Colour	Material	White + Black							
		Material		Precoated sheet metal							
Dimensions			HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	
Weight		Unit		kg	108	117	108	117	108	117	
Tank		Water volume		l	180	230	180	230	180	230	
		Maximum water temperature		°C	70						
		Maximum water pressure		bar	10						
		Corrosion protection			Pickling						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25						
		Water side	Min.~Max.	°C	18 ~ 65						
	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 ~ 65						
Sound power level	Nom.			dBA	44						
Sound pressure level	Nom.			dBA	30						
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit		HeightxWidthxDepth	mm	1003x1270x533						
Weight	Unit			kg	118						
Compressor	Quantity				1						
	Type				Hermetically sealed swing 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						
	Charge			kg	3,25						
	Charge			TCO _{Eq}	2,19						
	Control				Expansion valve						
					53						
LW(A) Sound power level (according to EN14825)											
Sound pressure level (at 1 meter)	Nom.				V3: 40,6 - W1: 41,1						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	V3: 32 - W1: 16						



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT F

Floor standing integrated with **two different temperature zones monitoring**

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › 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
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



Efficiency data				ETVZ + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,41 / 3,52		3,43 / 3,53			
				η _{sp} (Seasonal space heating efficiency)	134 / 138					
				Seasonal space heating eff. class	A++					
	Average climate water outlet 35 °C	General	SCOP	4,69 / 4,82		4,71 / 4,69		4,71 / 4,84		
			η _{sp} (Seasonal space heating efficiency)	184 / 190		186 / 184		186 / 191		
Seasonal space heating eff. class			A+++							
	Domestic hot water heating	General	Declared load profile	L						
			Average COP _{dhw}	2,72 / 2,80	2,96 / 3,05	2,72 / 2,80	2,96 / 3,05	2,72 / 2,80	2,96 / 3,05	
	Average climate	General	η _{wh} (water heating efficiency)	117 / 120	126 / 130	117 / 120	126 / 130	117 / 120	126 / 130	
			Water heating energy efficiency class	A+						
Indoor Unit				ETVZ	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W
Casing	Colour	White + Black								
	Material	Precoated sheet metal								
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	
Weight	Unit		kg	114	122	114	122	114	122	
Tank	Water volume			l	180	230	180	230	180	230
	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
	Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25				
Water side			Min.~Max.	°C	18 ~ 65					
Domestic hot water		Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 65					
Sound power level	Nom.		dBA	44						
Sound pressure level	Nom.		dBA	30						
Outdoor Unit				EPRA	08EV3/W1	10EV3/W1	12EV3/W1			
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533						
Weight	Unit		kg	118						
Compressor	Quantity			1						
	Type			Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25						
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35						
Refrigerant	Type			R-32						
	GWP			675						
	Charge		kg	3,25						
	Charge		TCO ₂ Eq	2,19						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				53						
Sound pressure level (at 1 meter)	Nom.	V3: 40,6 - W1: 41,1								
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400					
Current	Recommended fuses			A	V3: 32 - W1: 16					



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

Floor standing air-to-water heat pump for **heating** and **hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Solar support of domestic hot water with pressureless (drain-back) solar system
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Heat pump operation down to -28 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump



Efficiency data				ETSH + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W
	Average climate water outlet 55 °C	General	SCOP	%	3,41 / 3,52		3,43 / 3,53			
			ηs (Seasonal space heating efficiency)							
	Seasonal space heating eff. class	134 / 138								
	Average climate water outlet 35 °C	General	SCOP	%	4,69 / 4,81		4,71 / 4,84		4,71 / 4,84	
			ηs (Seasonal space heating efficiency)		184 / 190		186 / 191		186 / 191	
Seasonal space heating eff. class			A+++							
	General	Declared load profile			L					
	Average climate	COPdhw	%	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17	
		ηwh (water heating efficiency)		116 / 119	128 / 131	116 / 119	128 / 131	116 / 119	128 / 131	
		Water heating energy efficiency class		A+						
Indoor Unit				ETSH	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)								
	Material									
Dimensions	Unit	HeightxWidthxDepth	mm	1892x594x644	1910x792x816	1892x594x644	1910x792x816	1892x594x644	1910x792x816	
Weight	Unit		kg	75	98	75	98	75	98	
Tank	Water volume		l	294	477	294	477	294	477	
	Maximum water temperature			°C	85					
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25					
		Water side	Min.~Max.	°C	18 ~ 65					
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35					
		Water side	Min.~Max.	°C	10 ~ 63					
Sound power level	Nom.		dBA	47.3						
Sound pressure level	Nom.		dBA	38.6						
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1	
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533						
Weight	Unit		kg	118						
Compressor	Quantity			1						
	Type			Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25						
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35						
Refrigerant	Type			R-32						
	GWP			675						
	Charge		kg	3,25						
	Charge		TCO ₂ /Eq	2,19						
	Control			Expansion valve						
LW(A) Sound power level (according to EN14825)				53						
Sound pressure level (at 1 meter)	Nom.			V3: 40,6 - W1: 41,1						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400					
Current	Recommended fuses			A	V3: 32 - W1: 16					



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

Floor standing air-to-water heat pump for **bivalent heating and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Bivalent system: combinable with a secondary heat source
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation
- › Heat pump operation down to -28°C



Efficiency data				ETSHB + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W	
	Space heating	Average climate water outlet 55 °C	General	SCOP	3,41 / 3,52		3,43 / 3,53				
				ηs (Seasonal space heating efficiency)	134 / 138						
				Seasonal space heating eff. class	A++						
					4,69 / 4,81		4,71 / 4,84		4,71 / 4,84		
		Average climate water outlet 35 °C	General	SCOP	184 / 190		186 / 191		186 / 191		
				ηs (Seasonal space heating efficiency)							
				Seasonal space heating eff. class	A+++						
	Domestic hot water heating	General	Declared load profile			L					
		Average climate	COPdhw			2,75 / 2,83		3,10 / 3,17		2,75 / 2,83	
			ηwh (water heating efficiency)			116 / 119		128 / 131		116 / 119	
		Water heating energy efficiency class			A+						
Indoor Unit				ETSHB	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour	Material			Traffic white (RAL9016) / Traffic black (RAL9017)						
					Impact resistant polypropylene						
Dimensions	Unit	HeightxWidthxDepth		mm	1892x594x644	1910x792x816	1892x594x644	1910x792x816	1892x594x644	1910x792x816	
Weight	Unit				kg	76	100	76	100	76	100
Tank	Water volume				l	294	477	294	477	294	477
	Maximum water temperature			°C	85						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	18 ~ 65						
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.			dBA	45.6						
Sound pressure level	Nom.			dBA	32.8						
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit	HeightxWidthxDepth		mm	1003x1270x533						
Weight	Unit				kg	118					
Compressor	Quantity				1						
	Type				Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.		°CDB	-28 ~ 25						
	Domestic hot water	Min.~Max.		°CDB	-28 ~ 35						
Refrigerant	Type				R-32						
	GWP				675						
	Charge	kg			3,25						
	Charge	TCO ₂ /Eq			2,19						
	Control				Expansion valve						
LW(A) Sound power level (according to EN14825)				53							
Sound pressure level (at 1 meter)				V3: 40,6 - W1: 41,1							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	V3: 32 - W1: 16						



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

Floor standing air-to-water heat pump for **heating, cooling and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating, hot water and cooling
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Solar support of domestic hot water with pressureless (drain-back) solar system
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating, hot water and cooling operation
- › Outdoor unit extracts heat from the outdoor air, even at -28 °C
- › Possible to connect to photovoltaic solar panels to provide energy for your heat pump



Efficiency data				ETSX + EPRA		12P30E + 08EV/W		12P50E + 08EV/W		12P30E + 10EV/W		12P50E + 10EV/W		12P30E + 12EV/W		12P50E + 12EV/W		
	Space heating	Average climate water outlet 55 °C	General	SCOP		3,47 / 3,59				136 / 141		3,48 / 3,60						
				η _s (Seasonal space heating efficiency)	%													
			Seasonal space heating eff. class						A++									
			Average climate water outlet 35 °C	General	SCOP		4,79 / 4,95				4,82 / 4,98							
		η _s (Seasonal space heating efficiency)			%	189 / 195				190 / 196								
				Seasonal space heating eff. class						A+++								
	Domestic hot water heating	General	Declared load profile															
				Average climate	COP _{dhw}	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17					
					η _{wh} (water heating efficiency)	%	116 / 119	128 / 131	116 / 119	128 / 131	116 / 119	128 / 131	116 / 119	128 / 131				
				Water heating energy efficiency class						A+								
Indoor Unit				ETSX		12P30E		12P50E		12P30E		12P50E		12P30E		12P50E		
Casing	Colour																	
		Material																
Dimensions	Unit	HeightxWidthxDepth		mm	1892x594x644		1910x792x816		1892x594x644		1910x792x816		1892x594x644		1910x792x816			
Weight	Unit			kg	75		98		75		98		75		98			
Tank	Water volume			l	294		477		294		477		294		477			
	Maximum water temperature			°C							85							
Operation range	Heating	Ambient	Min.~Max.	°C							-28 ~ 25							
		Water side	Min.~Max.	°C							18 ~ 65							
	Cooling	Ambient	Min.~Max.	°C							10 ~ 43							
		Water side	Min.~Max.	°C							5 ~ 22							
	Domestic hot water	Ambient	Min.~Max.	°C							-28 ~ 35							
		Water side	Min.~Max.	°C							10 ~ 63							
Sound power level	Nom.			dBA							47.3							
Sound pressure level	Nom.			dBA							38.6							
Outdoor Unit				EPRA		08EV3/W1		10EV3/W1				12EV3/W1						
Dimensions	Unit	HeightxWidthxDepth		mm					1003x1270x533									
Weight	Unit			kg					118									
Compressor	Quantity								1									
	Type								Hermetically sealed swing 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					3,25									
	Charge			TCO ₂ Eq					2,19									
	Control								Expansion valve									
									53									
LW(A) Sound power level (according to EN14825)																		
Sound pressure level (at 1 meter)	Nom.									V3: 40,6 - W1: 41,1								
Power supply	Name/Phase/Frequency/Voltage			Hz/V					V3/1~/50/230 - W1/3~/50/400									
Current	Recommended fuses			A					V3: 32 - W1: 16									



This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT ECH₂O

Floor standing air-to-water heat pump
for **bivalent heating, cooling and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Bivalent system: combinable with a secondary heat source
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation



Efficiency data				ETSXB + EPRA	12P30E + 08EV/W	12P50E + 08EV/W	12P30E + 10EV/W	12P50E + 10EV/W	12P30E + 12EV/W	12P50E + 12EV/W	
	Average climate water outlet 55 °C	General	SCOP		3,47 / 3,59		3,48 / 3,60				
			η _s (Seasonal space heating efficiency)	%	136 / 141						
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class		A++						
			SCOP		4,79 / 4,95		4,82 / 4,98				
	Average climate	General	η _s (Seasonal space heating efficiency)	%	189 / 195		190 / 196				
			Seasonal space heating eff. class		A+++						
	Domestic hot water heating	Declared load profile		L							
		COP _{dhw}		2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17	2,75 / 2,83	3,10 / 3,17		
η _{wh} (water heating efficiency)		%	116 / 119	128 / 131	116 / 119	128 / 131	116 / 119	128 / 131			
Water heating energy efficiency class					A+						
Indoor Unit				ETSXB	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E	
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	HeightxWidthxDepth	mm	1892x594x644	1910x792x816	1892x594x644	1910x792x816	1892x594x644	1910x792x816		
Weight	Unit		kg	76	100	76	100	76	100		
Tank	Water volume		l	294	477	294	477	294	477		
	Maximum water temperature		°C	85							
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25						
		Water side	Min.~Max.	°C	18 ~ 65						
	Cooling	Ambient	Min.~Max.	°C	10 ~ 43						
		Water side	Min.~Max.	°C	5 ~ 22						
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35						
		Water side	Min.~Max.	°C	10 ~ 63						
Sound power level	Nom.		dBA	47.3							
Sound pressure level	Nom.		dBA	38.6							
Outdoor Unit				EPRA	08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533							
Weight	Unit		kg	118							
Compressor	Quantity			1							
	Type			Hermetically sealed swing 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		3,25							
	Charge	TCO ₂ Eq		2,19							
	Control			Expansion valve							
LW(A) Sound power level (according to EN14825)					53						
Sound pressure level (at 1 meter)	Nom.			V3: 40,6 - W1: 41,1							
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400						
Current	Recommended fuses			A	V3: 32 - W1: 16						

This product contains fluorinated greenhouse gases.

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 MT 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		12E6V + 08EV/W	12E9W + 08EV/W	12E6V + 10EV/W	12E9W + 10EV/W	12E6V + 12EV/W	12E9W + 12EV/W	
	Space heating	Average climate water outlet 55 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3,41 / 3,52		3,43 / 3,53				
								134 / 138				
	Average climate water outlet 35 °C	General	SCOP ηs (Seasonal space heating efficiency) Seasonal space heating eff. class	%	4,69 / 4,81		4,71 / 4,84		4,71 / 4,84			
					184 / 190		186 / 191		186 / 191			
					A+++							
Indoor Unit				ETBH		12E6V	12E9W	12E6V	12E9W	12E6V	12E9W	
Casing	Colour					White + Black						
	Material					Sheet metal						
Dimensions	Unit	HeightxWidthxDepth	mm	840x440x390								
Weight	Unit					36,5						
Operation range	Heating	Ambient	Min.~Max.	°C	-28 ~ 25							
		Water side	Min.~Max.	°C	18 ~ 65							
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35							
		Water side	Min.~Max.	°C	10 ~ 63							
Sound power level	Nom.					44						
Sound pressure level	Nom.					30						
Outdoor Unit				EPRA		08EV3/W1		10EV3/W1		12EV3/W1		
Dimensions	Unit	HeightxWidthxDepth	mm	1003x1270x533								
Weight	Unit					118						
Compressor	Quantity					1						
	Type					Hermetically sealed swing compressor						
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25								
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35								
Refrigerant	Type					R-32						
	GWP					675.0						
	Charge					kg						
	Charge					TCO ₂ Eq						
	Control					Expansion valve						
LW(A) Sound power level (according to EN14825)				53								
Sound pressure level (at 1 meter)	Nom.					V3: 40,6 - W1: 41,1						
Power supply	Name/Phase/Frequency/Voltage			Hz/V	V3/1~/50/230 - W1/3~/50/400							
Current	Recommended fuses			A	V3:32 - W1: 16							


This product contains fluorinated greenhouse gases.

Daikin Altherma 3 H MT 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



Efficiency data				ETBX + EPRA		12E6V + 08EV/W		12E9W + 08EV/W		12E6V + 10EV/W		12E9W + 10EV/W		12E6V + 12EV/W		12E9W + 12EV/W			
	Space heating	Average climate water outlet 55 °C	General	SCOP		3,47 / 3,59				3,48 / 3,60									
				η _s (Seasonal space heating efficiency)		%		136 / 141											
				Seasonal space heating eff. class				A++											
	Average climate water outlet 35 °C	General	SCOP		4,79 / 4,95				4,82 / 4,98										
			η _s (Seasonal space heating efficiency)		%		190 / 196												
			Seasonal space heating eff. class				A+++												
Indoor Unit				ETBX		12E6V		12E9W		12E6V		12E9W		12E6V		12E9W			
Casing	Colour										White + Black								
	Material										Sheet metal								
Dimensions	Unit		HeightxWidthxDepth		mm						840x440x390								
Weight	Unit				kg						36,5								
Operation range	Heating	Ambient	Min.~Max.	°C							-28 ~ 25								
					Water side		Min.~Max.		°C		18 ~ 65								
	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		08EV3/W1		10EV3/W1		12EV3/W1									
Dimensions	Unit		HeightxWidthxDepth		mm						1003x1270x533								
Weight	Unit				kg						118								
Compressor	Quantity										1								
	Type										Hermetically sealed swing 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						3,25								
	Charge				TCO _{Eq}						2,19								
	Control										Expansion valve								
LW(A) Sound power level (according to EN14825)												53							
Sound pressure level (at 1 meter)		Nom.										V3: 40,6 - W1: 41,1							
Power supply	Name/Phase/Frequency/Voltage			Hz/V								V3/1~/50/230 - W1/3~/50/400							
Current	Recommended fuses			A								V3: 32 - W1: 16							

This product contains fluorinated greenhouse gases.





Thermal stores and tanks

Hot water heating installation options

Why choose a thermal store or 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.



Thermal store



Stainless steel tank

Domestic hot water tank

Stainless steel tanks

Comfort

- › Available in 150, 180, 200, 250 and 300 litres in stainless steel EKHWS(U)-D

Efficiency

- › High-quality insulation keeps heat loss to a minimum
- › Efficient temperature heating: from 10 °C to 50 °C in only 60 minutes
- › Available as an integrated solution or separate tank

Reliability

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



The ECH₂O thermal store range

ECH₂O thermal store: additional hot water comfort

Combine your monobloc with a thermal store to achieve the ultimate comfort at home.

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

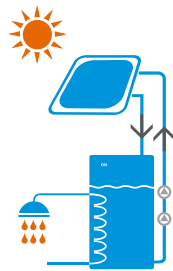
Built for small and large homes, customers can choose between a pressureless and a pressurised hot water system.

Efficiency

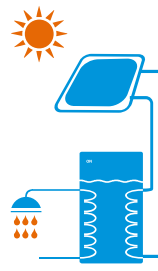
- › Fit for the future: maximise renewable energy sources
- › Intelligent Heat Storage Management: ensures continuous heating during defrost mode, and uses stored heat for space heating
- › High-quality insulation keeps heat loss to a minimum

Reliability

- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no water loss through the safety valve



Drain-back solar system



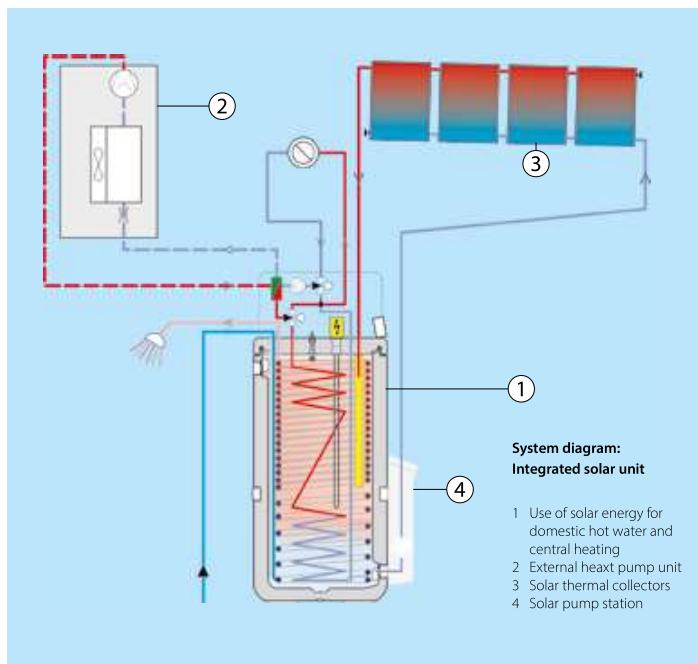
Pressurised solar system

Pressureless (drain-back) solar system

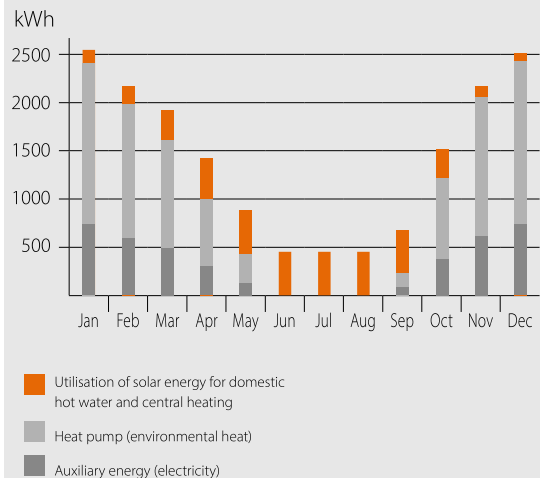
- › The solar collectors are only filled with water when sufficient heating is provided by the sun
- › The pumps in the control and pump unit switch on briefly and fill the collectors with storage tank water
- › After filling, water circulation is maintained by the remaining pump

Pressurised solar system

- › System is filled with heat transfer fluid with the correct amount of antifreeze to avoid freezing in winter
- › System is pressurised and sealed



Monthly energy consumption of an average detached house




Thermal store

Plastic domestic hot water tank with solar support

- › Tank designed for connection with pressurised thermal solar system
- › Tank designed for connection with drainback thermal solar system
- › Available in 300 and 500 liters
- › Large hot water storage tank to provide domestic hot water at any time
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › Space heating support possible (500l tank only)



Accessory		EKHWP		300B		500B		300PB		500PB		
Casing	Colour			Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material			Impact resistant polypropylene								
Dimensions	Unit	Width	mm	595		790		595		790		
		Depth	mm	615		790		615		790		
Weight	Unit	Empty	kg	58		82		58		89		
	Tank	Water volume		l	294		477		294		477	
		Material			Polypropylen							
		Maximum water temperature		°C	85							
		Insulation	Heat loss	kWh/24h	1.5		1.7		1.5		1.7	
		Energy efficiency class			B							
		Standing heat loss		W	64		72		64		72	
		Storage volume		l	294		477		294		477	
	Heat exchanger	Domestic hot water	Quantity			1						
Tube material				Stainless steel (DIN 1.4404)								
Face area			m²	5.600		5.800		5.600		5.900		
Internal coil volume			l	27.1		28.1		27.1		28.1		
Operating pressure			bar	6								
Average specific thermal output			W/K	2,790		2,825		2,790		2,825		
Charging		Quantity			1							
		Tube material			Stainless steel (DIN 1.4404)							
		Face area	m²	3		4		3		4		
		Internal coil volume	l	13		18		13		18		
		Operating pressure	bar	3								
		Average specific thermal output	W/K	1,300		1,800		1,300		1,800		
Pressurised solar		Average specific thermal output		W/K	-				390.00		840.00	
Auxiliary solar heating		Tube material			-		Stainless steel (DIN 1.4404)		-		Stainless steel (DIN 1.4404)	
		Face area	m²	-		1		-		1		
	Internal coil volume	l	-		4		-		4			
	Operating pressure	bar	-		3		-		3			
	Average specific thermal output	W/K	-		280		-		280			

Domestic hot water tank

Stainless steel domestic hot water tank

› Available in 150, 180, 200, 250 and 300 litres in stainless steel
EKHWS(U)-D



Accessory			EKHWS	150(U)D3V3	180(U)D3V3	200(U)D3V3	250(U)D3V3	300(U)D3V3
Casing	Colour			Neutral white				
	Material			Epoxy coated steel / Epoxy-coated mild steel				
Weight	Unit	Empty	kg	45	50	53	58	63
Tank	Water volume		l	145	174	192	242	292
	Material			Stainless steel (EN 1.4521)				
	Maximum water temperature		°C	75				
	Insulation	Heat loss	kWh/24h	1.1	1.2	1.3	1.4	1.6
	Energy efficiency class			B				
	Standing heat loss		W	45	50	55	60	68
	Storage volume		l	145	174	192	242	292
Heat exchanger	Domestic hot water	Quantity		1				
		Tube material		Stainless steel (EN 1.4521)				
		Face area	m²	1.050	1.400	1.800		
		Internal coil volume	l	4.9	6.5	8.2		
		Operating pressure	bar	10				
Booster heater	Capacity		kW	3				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230				

Daikin Altherma HPC Floor standing model



The floor standing heat pump convector impresses with its low sound operations, and its slim design that received the RedDot Award 2020. Next to heating and cooling, the unit can also provide indoor air quality control.

Why Indoor Air Quality Matters

Indoor Air Quality (IAQ) refers to the air quality in a building or structure, breathed in every day by the building's occupants.

When planning new residential buildings, schools, offices or light commercial buildings, many things must be considered. Besides structural factors, there are also the topics of heating, cooling and something often neglected: indoor air quality.

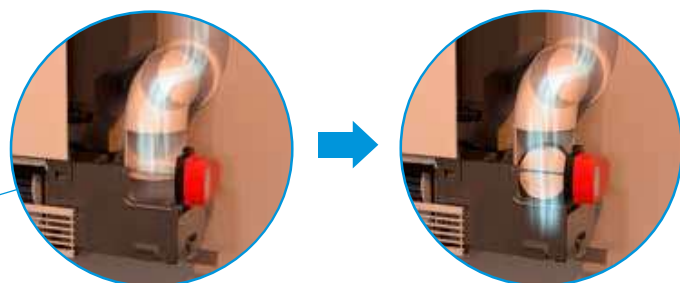
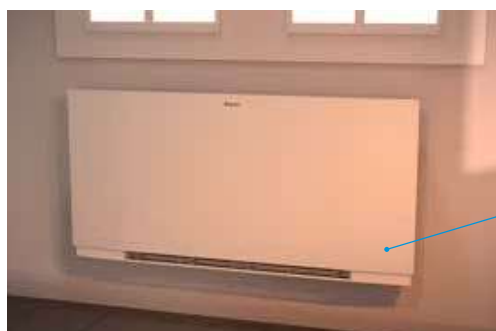
Did you know that the indoor air we breathe, whether at home, at the office, or in a hotel room could in fact be much more polluted than the air outside?

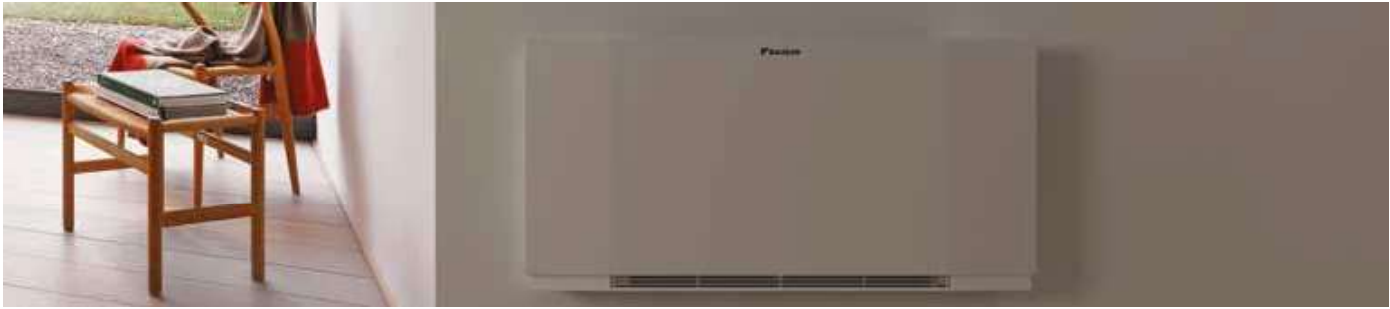
- › 90% of our lives is spent indoors
- › Indoor air quality can be 2 to 5 times worse than outdoor air quality because of pollutants, such as pollen, bacteria, etc.



How does Daikin Altherma HPC ensure a healthy and comfortable indoor air quality?

When a pollutant level of indoor air is reached, the IAQ sensor opens a damper, which allows fresh air to come in. The incoming fresh air is immediately heated or cooled (depending on the demand) by the heat pump convector. In this way the indoor air remains of good quality while comfort is ensured.

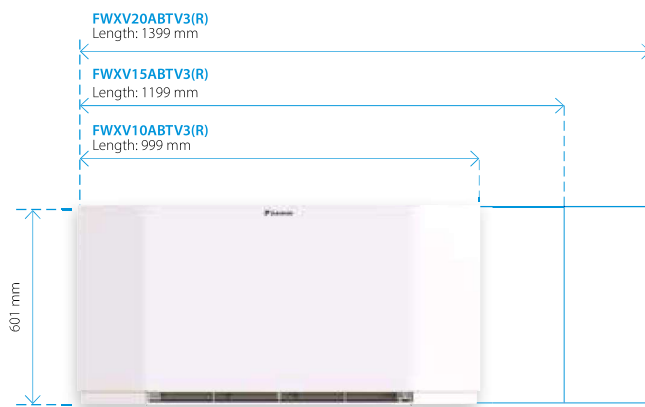




Slim design



The floor standing Daikin Altherma HPC has a depth of only 135 mm that fits any house or apartment. Its optimised design was rewarded with the Reddot Design Award 2020.



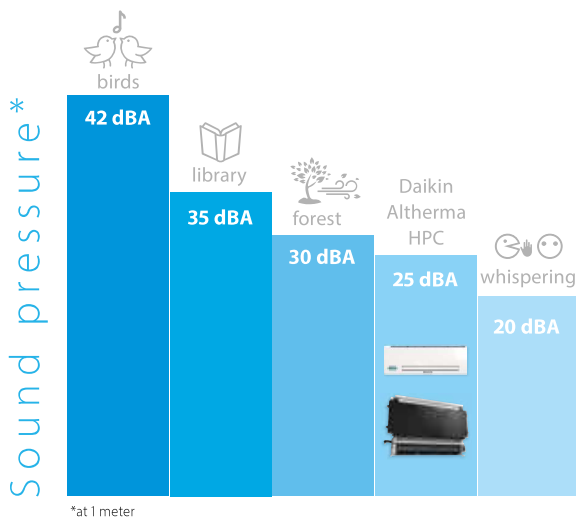
Fast and high capacity

The Daikin Altherma HPC combines the advantages of residential underfloor heating and radiators. It delivers high-capacity heating or cooling faster and can be set at ultra-low temperatures (35/30 °C regime).



Discreet

As the unit reaches its set point, a continuous modulating fan gradually reduces its speed and creates less noise. For the wall mounted and concealed units, the sound pressure measures 25dB(A) at 1m when the fan is on low-speed setting. Even lower sound pressure in super-silent mode (night mode).



Controls

Daikin offers a wide variety of controllers that are functional and have a great design.

EKRTCTRL1



- > Built-in controller
- > Fully modulating
- > Multicolor display

EKRTCTRL2



- > Built-in controller
- > 4 speed settings

EKWHCTRL1



- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0

EKPCBO



- > Built-in controller
- > ON/OFF
- > In combination with external thermostats

EKWHCTRL1A



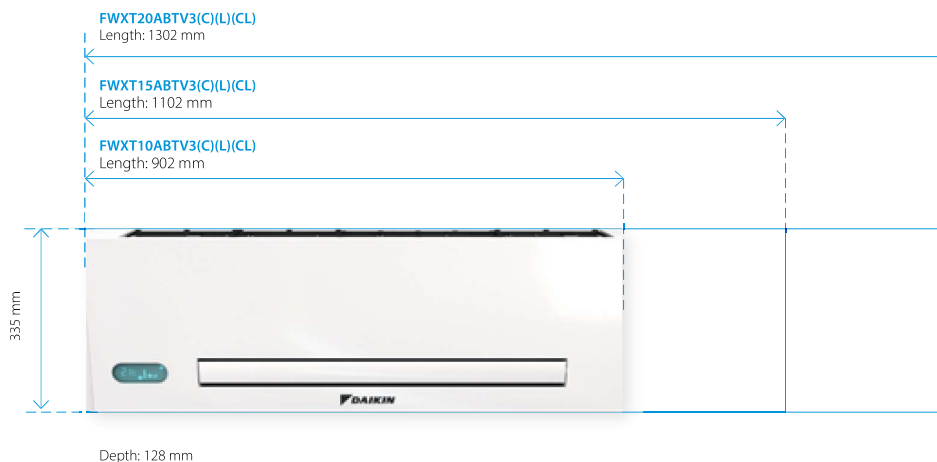
- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0
- > Includes indoor air quality sensor

Wall-mounted model

Thanks to its slim design, our wall-mounted unit blends in with your interior discreetly while helping you save valuable floor space.

Slim design

Daikin Altherma HPC is a compact unit made of a design metal casing including all valves.



Controls

Choice of:

- › Fully modulating controller allowing for remote control of the unit.
- › Infrared remote controller and on-board touch panel.

EKWHCTRL1



- › Wall controller
- › Fully modulating
- › For models FWXT-ABTV3(L)

Infrared remote controller



- › Remote
- › Fully modulating
- › For models FWXT-ABTV3C(L)

Compactness



1

Slim depth

The depth of 128 mm is an outstanding technical achievement that ensures a perfect fit in any home.

2

More space for valves

Ease of installation: the space for hydraulic valves is wide and easily accessible.

3

Modulated airflow

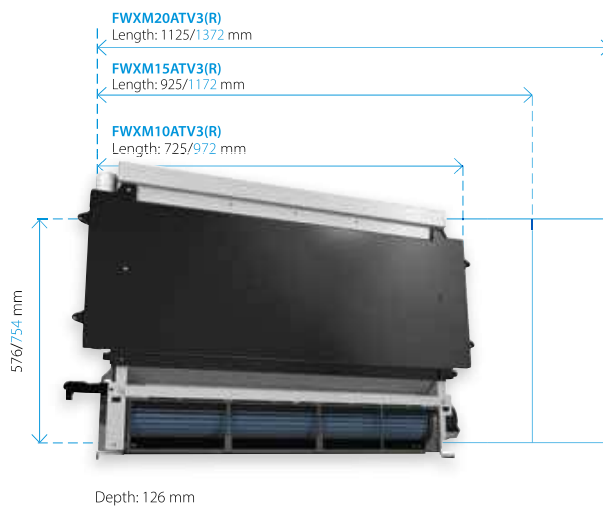
When there is less heating demand, the unit modulates its airflow to slow down the fan rate, and in the process, lowers the operational sound.



Concealed model

Forget about your heating or cooling installation altogether: our concealed model vanishes into the wall or ceiling for visual comfort while preserving its unique heating and cooling capabilities.

Slim design



Blue dimensions are for the front cover.

Controls

EKWHCTRL1



- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0

Flexible installation

Daikin Altherma HPC can be installed in four different ways, allowing you to install it in almost all conditions. The unit can be positioned horizontally or vertically. For horizontal, in-ceiling installation, three different possibilities are offered:

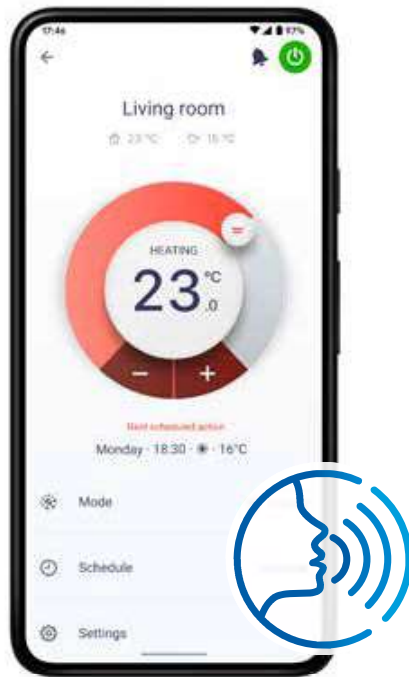
- > Horizontal cover panel and vertical grille for air outlet
- > Horizontal intake grille and vertical grille for air outlet
- > Horizontal intake and outlet grilles



Onecta App

Now available with voice control

The Onecta App is for those who live their life on the go and who want to manage their heating system from their smartphone.



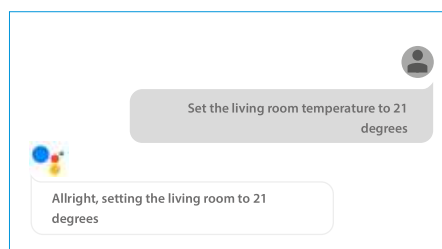
onecta

NEW

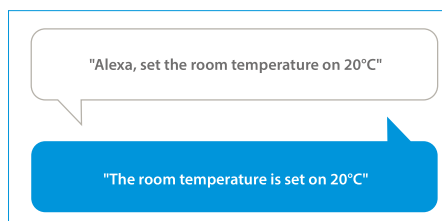
Voice control

To provide users with even more comfort and ease, the Onecta App now offers voice control. This hands-free feature cuts down on clicks to manage units faster than ever before.

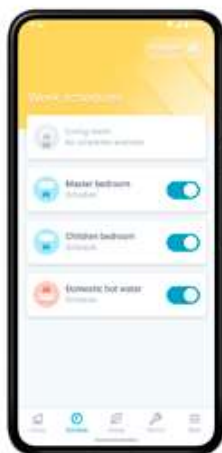
Cross-functional and multilingual, voice control pairs well with any smart device, including Google Assistant and Amazon Alexa.



Example of using the voice control via Google Assistant



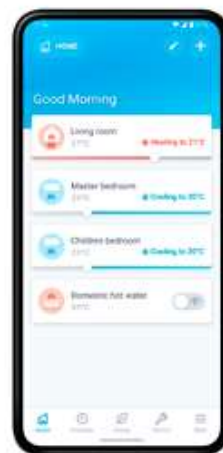
Example of using the voice control via Amazon Alexa



Schedule

Set up a programme outlining when the system should operate, and create up to six actions per day.

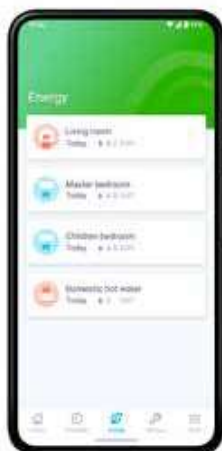
- ☒ Schedule room temperature and operation mode
- ☒ Enable holiday mode to save costs



Control

Customise the system to fit your lifestyle and year-round comfort levels.

- ☒ Change room and domestic hot water temperature
- ☒ Turn on powerful mode to boost hot water production



Monitor

Receive a thorough overview of how the system is performing and how much energy it consumes.

- ☒ Check the status of the heating system
- ☒ Access energy consumption graphs (day, week, month)

Function availability depends on the system type, configuration and operation mode.
The app functionality is only available if both the Daikin system and the app have a reliable internet connection.



Scan the QR code to download the app now



User-friendly wired remote controller with premium design

Madoka. The beauty of simplicity

Madoka



Black
RAL 9005 (matt)
BRC1HHDK



White
RAL9003 (glossy)
BRC1HHDW



Silver
RAL 9006 (metallic)
BRC1HHDS

Madoka combines refinement and simplicity

- › Sleek and elegant design
- › Intuitive touch-button control
- › Three colours to match any interior
- › Compact: measures only 85 x 85 mm

Easy update via Bluetooth

It is strongly recommended to make sure that the user interface is up to date. To update the software or check if updates are available, all you need is a mobile device and the Madoka Assistant app. The app is available on Google Play and in the App Store.



Award-winning design

Madoka received an IF Design Award and Reddot Product Design Award for its innovative design. These awards represent two of the most prestigious and largest design competitions in the world.



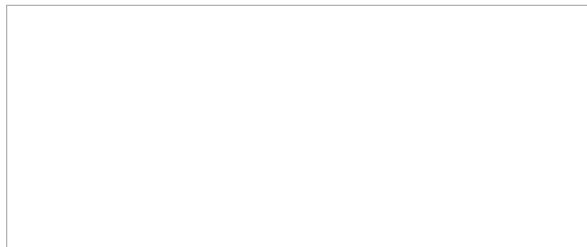
reddot award 2018
winner







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