



# Daikin Altherma

A big step for heat pumps



## Environmentally friendly

Lower CO<sub>2</sub> emissions thanks to Bluevolution technology

## Top performance

Realising higher energy savings, fitting best energy class

## The art of control

Easy set-up, monitoring and maintenance via intuitive platforms

## Reinvented design

A brand-new design to fit living spaces smoothly

## Fits everywhere

Guaranteeing small footprint and easy installation



# Take full advantage of the new Daikin Altherma heat pump

## Top performance



Daikin Altherma 3 is powered with **Bluevolution**, our in house developed technology optimizing a brand new compressor technology and R32 refrigerant.

Your energy bill will be limited thanks to our heat pump's top efficiency, labelled with the highest energy class, up to A+++\*.

In addition, the Daikin Altherma 3 has been awarded with the European HP Keymark certificate.

\*energy label lay-out 2019



## Environmentally friendly



The Daikin Altherma 3 heat pump takes full benefit from using outside air as renewable energy. It is **the** first air to water heat pump running on the new R-32 refrigerant\*.

It heats up your house and provides your family with hot water, while reducing CO<sub>2</sub> emissions to the maximum!

\* R-32 is the refrigerant with the lowest GWP (global warming potential), only 32% compared to current refrigerants.





## Reinvented design

Your heating solution is at the heart of your living space. To ensure a better fit, the Daikin Altherma 3 comes with a complete **new look**.

Choose your colour: white or silver-grey!



## The art of control



You will find the new user interface intuitive to use. Once set, our **Daikin Eye** signals the heating and hot water operation of Daikin Altherma 3 and confirms your comfort is fitting your needs!

Of course, daily control via app is also within reach !



### STAND BY ME

Maximize your peace of mind by registering on our online portal 'Stand By Me', and keep an eye on your maintenance scheme or ask for warranty extension



## Fits everywhere

Our integrated floor standing unit includes a hot water cylinder of 180 or 230L, still keeping a small **footprint** of 0,37m<sup>2</sup>.

It will fit most houses. A wall mount equivalent version is available if installation space would be more limited. Combined with a separate hot water tank, it allows for a flexible set up.

The Daikin Altherma 3 has also been redesigned to optimize your installer's work time, ensuring an easy, fast installation and straightforward maintenance.

In addition, it is simple to connect to the outdoor unit which excels in compactness.



# Daikin Altherma 3<sup>rd</sup> generation - Specifications EH(V/B)H-D6V/D9W

Efficiency data				EHVH + ERGA		04S18D6V(G)+04DV	04S23D6V(G)+04DV	08S18D6V(G)/D9W(G)+06DV	08S23D6V(G)/D9W(G)+06DV	08S18D6V(G)/D9W(G)+08DV	08S23D6V(G)/D9W(G)+08DV		
<b>Floor standing unit + outdoor unit</b>													
Heating capacity	Nom.			kW		4.30 (1) / 4.20 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.50 (2)			
Power input	Heating	Nom.		kW		0.850 (1) / 1.16 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.14 (2)			
COP						5.10 (1) / 3.62 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)			
Space heating	Average climate water outlet 55°C	General	SCOP			3.26				3.32			
			$\eta_s$ (Seasonal space heating efficiency)	%		127				130			
			Seasonal space heating eff. class					A++					
			SCOP			4.48		4.47				4.56	
Average climate water outlet 35°C	General	SCOP	%		176						179		
		$\eta_s$ (Seasonal space heating efficiency)					A+++ (3)						
		Seasonal space heating eff. class											
						L		XL		L		XL	
Domestic hot water heating				Declared load profile		L		XL		L		XL	
Average climate				$\eta_{wh}$ (water heating efficiency)		127		134		127		134	
				Water heating energy efficiency class				A+					

Floor standing unit				EHVH		04S18D6V(G)	04S23D6V(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)	08S18D6V(G)/D9W(G)	08S23D6V(G)/D9W(G)	
Dimensions	Unit	HeightxWidthxDepth		mm		1,650x595x625		1,650x595x625		1,650x595x625		
Weight	Unit			kg		131		139		131		
Tank	Water volume		l		180		230		180		230	
	Maximum water temperature		°C						60			
	Maximum water pressure		bar						10			
	Corrosion protection								Pickling			
Operation range	Heating	Ambient	Min.~Max.	°C				5~30				
		Water side	Min.~Max.	°C				15~65				
	Domestic hot water	Ambient	Min.~Max.	°CDB				5~35				
		Water side	Max.	°C				60				
Sound power level	Nom.		dBA						42			
Sound pressure level	Nom.		dBA						28			

Efficiency data				EHBH + ERGA		04D6V + 04DV	08D6V + 06DV	08D9W + 06DV	08D6V + 08DV	08D9W + 08DV			
<b>Wall mounted unit + outdoor unit</b>													
Heating capacity	Nom.			kW		4.30 (1) / 4.20 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.50 (2)			
Power input	Heating	Nom.		kW		0.85 (1) / 1.16 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.14 (2)			
COP						5.10 (1) / 3.62 (2)		4.85 (1) / 3.50 (2)		4.60 (1) / 3.50 (2)			
Space heating	Average climate water outlet 55°C	General	SCOP	%		3.26				3.32			
			$\eta_s$ (Seasonal space heating efficiency)			127				130			
			Seasonal space heating eff. class					A++					
			SCOP			4.48		4.47				4.56	
Average climate water outlet 35°C	General	SCOP	%		176						179		
		$\eta_s$ (Seasonal space heating efficiency)					A+++ (3)						
		Seasonal space heating eff. class											
						L		XL		L		XL	

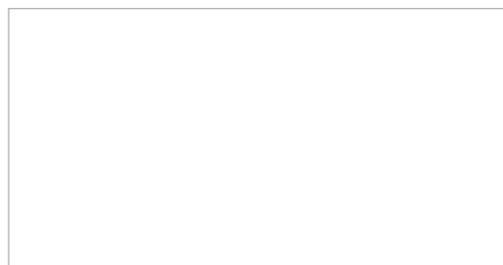
Wall mounted unit				EHBH		04D6V	08D6V	08D9W	08D6V	08D9W		
Dimensions	Unit	HeightxWidthxDepth		mm				840x440x390				
Weight	Unit			kg		42.0		42.4		42.4		
Operation range	Heating	Water side	Min.~Max.	°C				15~65				
	Domestic hot water	Water side	Min.~Max.	°C				25~80				
Sound power level	Nom.		dBA						42			
Sound pressure level	Nom.		dBA						28			

Outdoor Unit				ERGA		04DV	06DV	08DV			
Dimensions	Unit	HeightxWidthxDepth		mm		740x884x388					
Weight	Unit			kg		58.5					
Operation range	Cooling	Min.~Max.		°CDB		10~43					
	Domestic hot water	Min.~Max.		°CDB		-25~35					
Refrigerant	Type					R-32					
	GWP					675.0					
	Charge	kg				1.50					
Sound power level	Heating	Nom.		dBA		58		60		62	
	Cooling	Nom.		dBA		61				62	
Sound pressure level	Heating	Nom.		dBA		44		47		49	
	Cooling	Nom.		dBA		48		49		50	
Power supply	Name/Phase/Frequency/Voltage			Hz/V		V3/1N~/50/230					
Current	Recommended fuses			A		25					

(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)

(3) According to EU n°811/2013 - label lay-out 2019

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