



# Daikin Altherma 3

A big step for heat pumps



## Environmentally friendly

Lower CO<sub>2</sub> emissions thanks to Blueevolution 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, Daikin Altherma 3 has been awarded with the European HP Keymark certificate.

\*energy label lay-out 2019



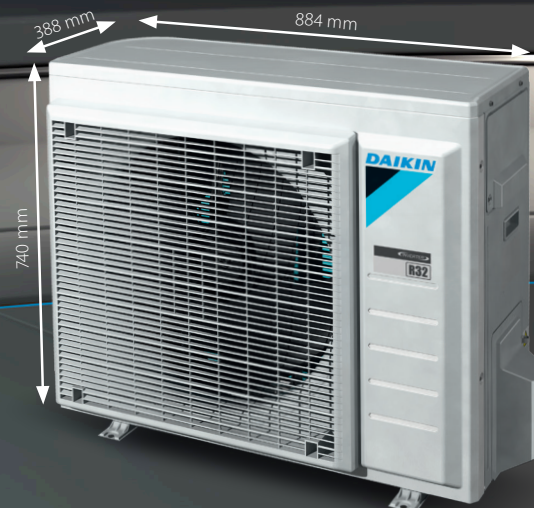
## Environmentally friendly



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 !



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>.

Two additional models exist within the range:

- The integrated **ECH<sub>2</sub>O** floor standing unit renowned to maximise renewable energy thanks to its thermal or photovoltaic solar panel connections, to provide fresh and safe hot water via its 300 or 500L integrated tank and being combinable with other heating sources;
- The **wall mounted** model if installation space would be more limited, still combinable with a separate hot water tank to allow a flexible set up.

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



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) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)				
Power input	Heating	Nom.				kW		0.850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)			
COP							5.10 (1) / 3.65 (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++							
	Average climate water outlet 35°C	General	SCOP			4.48		4.47		4.56					
$\eta_s$ (Seasonal space heating efficiency)					176				179						
Seasonal space heating eff. class							A+++ (3)								
Domestic hot water heating	General	Declared load profile				L / XL		L		XL		L		XL	
	Average climate	$\eta_{wh}$ (water heating efficiency)		%		125 / 133		125		133		125		133	
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)						
Weight	Unit				kg		119 / 128		119		128		119		128	
Tank	Water volume				l		180 / 230		180		230		180		230	
	Maximum water temperature				°C						70					
	Maximum water pressure				bar						10					
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 / Sound pressure level (Nom.)					dBA						42 / 28					

Efficiency data (ECH <sub>2</sub> O + OU)				EHS + ERGA		04P30D + 04DV	08P30D + 06DV	08P50D + 06DV	08P30D + 08DV	08P50D + 08DV			
<b>Floor standing unit</b>													
Heating capacity	Nom.				kW		4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)		
Power input	Heating	Nom.				kW		0.85 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP							5.10 (1) / 3.65 (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++					
	Average climate water outlet 35°C	General	SCOP			4.48		4.47		4.56			
$\eta_s$ (Seasonal space heating efficiency)					176				179				
Seasonal space heating eff. class							A+++ (3)						
Domestic hot water heating	General	Declared load profile				L		XL		L		XL	
	Average climate	$\eta_{wh}$ (water heating efficiency)		%		108		106		108		106	
Water heating energy efficiency class									A				

Integrated ECH <sub>2</sub> O unit				EHS		04P30D	08P30D	08P50D	08P30D	08P50D				
Dimensions	Unit	HeightxWidthxDPTH		mm		1891x595x615		1896x790x790		1891x595x615		1896x790x790		
Weight	Unit				kg		73		93		73		93	
Tank	Water volume				l		294		477		294		477	
	Maximum water temperature				°C				85					
	Operation range		Heating	Ambient	Min.~Max.	°C				-25~25				
		Water side		Min.~Max.	°C				18~65					
Domestic hot water	Heating	Ambient	Min.~Max.	°CDB				-25~35						
		Water side	Min.~Max.	°C				25~55						
Sound power level / Sound pressure level (Nom.)					dBA				39.1 / 28					

Efficiency data (Wall mounted + OU)				EHBH + ERGA		04D6V + 04DV	08D6V + 06DV	08D9W + 06DV	08D6V + 08DV	08D9W + 08DV			
<b>Wall mounted unit</b>													
Heating capacity	Nom.				kW		4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)		
Power input	Heating	Nom.				kW		0.850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)	
COP							5.10 (1) / 3.65 (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++					
	Average climate water outlet 35°C	General	SCOP			4.48		4.47		4.56			
$\eta_s$ (Seasonal space heating efficiency)					176				179				
Seasonal space heating eff. class							A+++ (3)						

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

Outdoor Unit				ERGA		04DV	06DV	08DV		
Weight	Unit				kg		58.5			
Operation range	Cooling	Min.~Max.	°CDB				10~43			
		Domestic hot water	Min.~Max.	°CDB				-25~35		
Refrigerant	Type / GWP / Charge (kg)						R-32 / 675.0 / 1.50			
Sound power/pressure level	Heating	Nom.	dBA		58/44		60/47		62/49	
		Cooling	Nom.		dBA		61/48		62/49	
Power supply	Name/Phase/Frequency/Voltage		Hz/V				V3/1N~/50/230			
Current	Recommended fuses		A		20				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

Daikin Europe N.V. Naamloze Vennootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)



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