

# Daikin Altherma 3 R

The heat pump standard, upgraded



## More 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 R is powered with **Bluevolution**, our in-house developed technology optimizing a brand new compressor technology and R-32 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 R has been awarded with the European HP Keymark certificate.



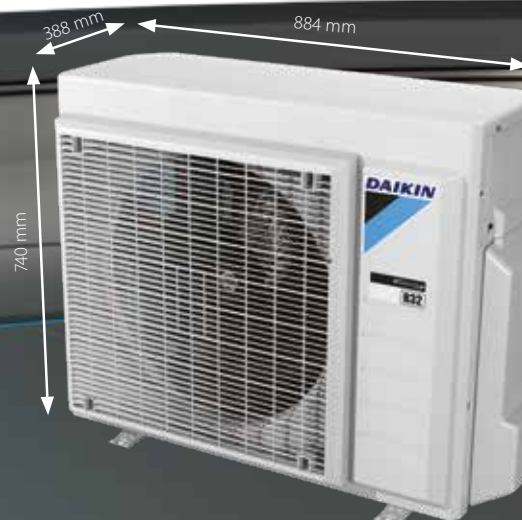
## More environmentally friendly



Daikin Altherma 3 R 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 heating, cooling (reversible models only) and domestic hot water while reducing CO<sub>2</sub> emissions!

\* 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 R comes with a complete **new look**.

Choose your colour: white or silver-grey!



reddot award 2018  
winner

## The art of control



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



Of course, you can control your unit at home or remotely by using the Daikin Residential Controller app.



Now available with voice control!



### STAND BY ME

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

## Fits everywhere

Our integrated floor standing unit includes a hot water cylinder of 180 or 230L, while 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 solar panel connection. It provides fresh and safe hot water via its 300 or 500L integrated tank and is 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.



# Daikin Altherma 3 R - ERGA-E series - technical specifications

Indoor Unit				EHVH	04S18E6V	04S23E6V	08S18E6V/E9W	08S23E6V/E9W	08S18E6V/E9W	08S23E6V/E9W
Dimensions	Unit	Height x Width x Depth		mm	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625	1,650 x 595 x 625	1,850 x 595 x 625
Weight	Unit			kg	119	128	119	128	119	128
	Water volume			l	180	230	180	230	180	230
Tank	Maximum water temperature			°C	70					
	Maximum water pressure			bar	10					
	Corrosion protection				Pickling					
					5~30					
Operation range	Heating	Ambient	Min.~Max.	°C	15~65					
		Water side	Min.~Max.	°C	5~35					
	Domestic hot water	Ambient	Min.~Max.	°CDB	70					
		Water side	Max.	°C	42					
Sound power level	Nom.			dBA	28					
Sound pressure level	Nom.			dBA	28					
Efficiency data				EHVH + ERGA	04S18E6V+04EV	04S23E6V+04EV	08S18E6V/E9W+06EV	08S23E6V/E9W+06EV	08S18E6V/E9W+08EV	08S23E6V/E9W+08EV
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	
				ηs (Seasonal space heating efficiency)	127				130	
					Seasonal space heating eff. class			A++		
				SCOP	4.48		4.47		4.56	
				ηs (Seasonal space heating efficiency)	176				179	
				Seasonal space heating eff. class			A+++			
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	125	133	125	133	125	133
		Water heating energy efficiency class			A+					
Indoor Unit				EHS	04P30D3	08P30D3	08P50D3	08P30D3	08P50D3	
Dimensions	Unit	Height x Width x Depth		mm	1,891 x 595 x 615		1,896 x 790 x 790		1,891 x 595 x 615	
Weight	Unit			kg	73		93		93	
	Water volume			l	294		477		294	
Tank	Maximum water temperature			°C	85					
	Heating	Ambient	Min.~Max.	°C	-25~-25					
		Water side	Min.~Max.	°C	18~-65					
	Domestic hot water	Ambient	Min.~Max.	°CDB	-25~-35					
Water side		Min.~Max.	°C	25~-55						
Sound power level	Nom.			dBA	39					
Efficiency data				EHS + ERGA	04P30D3 + 04EV	08P30D3 + 06EV	08P50D3 + 06EV	08P30D3 + 08EV	08P50D3 + 08EV	
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	0.84 (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	
				ηs (Seasonal space heating efficiency)	127				130	
					Seasonal space heating eff. class			A++		
				SCOP	4.48		4.47		4.56	
				ηs (Seasonal space heating efficiency)	176				179	
				Seasonal space heating eff. class			A+++			
Domestic hot water heating	General	Declared load profile			L	XL	L	XL	L	XL
	Average climate	ηwh (water heating efficiency)		%	115	106	115	106	115	106
		Water heating energy efficiency class			A					
Indoor Unit				EHBH	04E6V	08E6V	08E9W	08E6V	08E9W	
Dimensions	Unit	Height x Width x Depth		mm	840 x 440 x 390					
Weight	Unit			kg	42.0					
	Water volume			l	42.4					
Operation range	Heating	Water side	Min.~Max.	°C	15~65					
		Domestic hot water	Water side	Min.~Max.	°C	25~75				
	Sound power level		Nom.			dBA				
	Sound pressure level		Nom.			dBA				
Efficiency data				EHBH + ERGA	04E6V + 04EV	08E6V + 06EV	08E9W + 06EV	08E6V + 08EV	08E9W + 08EV	
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	
				ηs (Seasonal space heating efficiency)	127				130	
					Seasonal space heating eff. class			A++		
				SCOP	4.48		4.47		4.56	
				ηs (Seasonal space heating efficiency)	176				179	
				Seasonal space heating eff. class			A+++			
Outdoor Unit				ERGA	04EV	06EV	08EV			
Dimensions	Unit	Height x Width x Depth		mm	740 x 884 x 388					
Weight	Unit			kg	58.5					
	Quantity				1					
Compressor	Type				Hermetically sealed swing compressor					
	Operation range	Cooling	Min.~Max.	°CDB	10~43					
Refrigerant	Domestic hot water	Min.~Max.	°CDB	-25~-35						
		Type		R-32						
	GWP		675.0							
	Charge		1.50							
Sound power level	Heating	Nom.			dBA		62			
	Cooling	Nom.			dBA		62			
Sound pressure level	Heating	Nom.			dBA		49			
	Cooling	Nom.			dBA		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) This product contains fluorinated greenhouse gases.

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