

CONNECTED  
HEAT PUMP

W-LAN CARTRIDGE  
INCLUDED

# Daikin Altherma 3 R

The heat pump standard, upgraded



## More 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 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!



## 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.

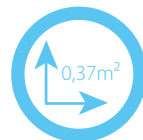


## Fits everywhere


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
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	5~30					
		Water side	Min.~Max.	°C	15 ~65					
	Domestic hot water	Ambient	Min.~Max.	°CDB	5~35					
		Water side	Max.	°C	70					
Sound power level	Nom.			dBA	42					
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++			
	Average climate water outlet 35 °C	General	SCOP	%	4.48		4.47		4.56	
 Domestic hot water heating	General	Declared load profile					A+++			
	Average climate	ηwh (water heating efficiency)	%		L	XL	L	XL	L	XL
		Water heating energy efficiency class			125	133	125	133	125	133
					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	1,896 x 790 x 790	
Weight	Unit			kg	73		93	73	93	
Tank	Water volume			l	294		477	294	477	
Operation range	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			
Sound power level	Water side	Min.~Max.	°C			25~-55				
	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++			
	Average climate water outlet 35 °C	General	SCOP	%	4.48		4.47		4.56	
 Domestic hot water heating	General	Declared load profile			L		XL		XL	
	Average climate	ηwh (water heating efficiency)	%		115		106		115	
		Water heating energy efficiency class			A+		A		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		42.4	42.0	42.4	
Operation range	Heating	Water side	Min.~Max.	°C			15 ~65			
	Domestic hot water	Water side	Min.~Max.	°C			25~75			
	Nom.			dBA			42			
	Sound pressure level			dBA			28			
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++			
	Average climate water outlet 35 °C	General	SCOP	%	4.48		4.47		4.56	
 Domestic hot water heating	General	Declared load profile			L		XL		XL	
	Average climate	ηwh (water heating efficiency)	%		115		106		115	
		Water heating energy efficiency class			A+		A		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			
Compressor	Quantity						1			
Operation range	Type						Hermetically sealed swing compressor			
	Cooling	Min.~Max.	°CDB				10~43			
	Domestic hot water	Min.~Max.	°CDB				-25~-35			
	Type						R-32			
Refrigerant	GWP						675.0			
	Charge			kg			1.50			
	Charge			TCO <sub>2</sub> Eq			1.01			
	Control						Expansion valve			
Sound power level	Heating	Nom.	dBA	58			60	62		
	Cooling	Nom.	dBA	61				62		
	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) This product contains fluorinated greenhouse gases.

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