

Daikin Altherma 3 R F

Floor standing air to water heat pump for **heating, cooling and hot water**; ideal for low energy houses

- › A combined stainless steel domestic hot water tank of 180 or 230 L 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 choice of 3, 6, 9 kW
- › Outdoor unit extracts heat from the outdoor air, even at -25 °C
- › Compatible with the Onecta app
- › Voice control available



Efficiency data		EHVX + ERGA		04S18E3V/E6V + 04EV		04S23E3V/E6V + 04EV		08S18E6V/E9W + 06EVH		08S23E6V/E9W + 06EVH		08S18E6V/E9W + 08EVH7		08S23E6V/E9W + 08EVH7					
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)						
Cooling capacity	Nom.	kW		4.86 (1) / 4.52 (2)				5.96 (1) / 5.09 (2)				6.25 (1) / 5.44 (2)							
Power input	Cooling	Nom.	kW		0.810 (1) / 1.36 (2)				1.06 (1) / 1.55 (2)				1.16 (1) / 1.73 (2)						
COP				5.10 (1) / 3.65 (2)				4.85 (1) / 3.50 (2)				4.60 (1) / 3.50 (2)							
EER				5.98 (1) / 3.32 (2)				5.61 (1) / 3.28 (2)				5.40 (1) / 3.14 (2)							
Space heating	Average climate water outlet 55 °C	General	SCOP	3.29				3.28				3.35							
			ns (Seasonal space heating efficiency)	129				128				131							
			Seasonal space heating eff. class					A++											
			SCOP	4.54				4.52				4.61							
Space heating	Average climate water outlet 35 °C	General	SCOP	179				178				181							
			ns (Seasonal space heating efficiency)					A+++											
			Seasonal space heating eff. class																
			SCOP	4.54				4.52				4.61							
Domestic hot water heating	General	Declared load profile		L		XL		L		XL		L		XL					
		Average climate	η _{wh} (water heating efficiency)	%		127	125	134	133	125	133	125	133	125	133				
		Water heating energy efficiency class						A+											
Indoor Unit		EHVX		04S18E3V/E6V		04S23E3V/E6V		08S18E6V/E9W		08S23E6V/E9W		08S18E6V/E9W		08S23E6V/E9W					
Casing	Colour	White + Black																	
	Material	Resin / Sheet metal																	
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		119		128	
	Water volume	l		180		230		180		230		180		230		180		230	
Tank	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									
	Cooling	Ambient	Min.~Max.	°CDB						5-35									
		Water side	Min.~Max.	°C						5-22									
	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											
Outdoor Unit		ERGA		04EV		06EVH		08EVH7											
Dimensions	Unit	Height x Width x Depth		mm		740 x 884 x 388													
Weight	Unit	kg				58.5													
Compressor	Quantity	1																	
	Type	Hermetically sealed swing compressor																	
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															
Control	Charge	TCO:Eq		1.01															
	Expansion valve																		
Sound power level	Heating	Nom.	dBA		58		60		62										
	Cooling	Nom.	dBA		61		62		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). This product contains fluorinated greenhouse gases.