

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



011-1W0218 → 222
011-1W0245, 247
011-1W0249 → 251

up to **A+++** **A+** **65 °C** **R-32**

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	ηs (Seasonal space heating efficiency)	%	3.29				3.28				3.35									
						129				128				131									
								A++				A++											
						4.54				4.52				4.61									
Space heating	Average climate water outlet 35 °C	General	SCOP	ηs (Seasonal space heating efficiency)	%	4.54				4.52				4.61									
						179				178				181									
								A+++				A+++											
						4.54				4.52				4.61									
Domestic hot water heating	General	Declared load profile			%	L	XL	L	XL	L	XL	L	XL	L	XL	L	XL						
						127	125	134	133	125	133	125	133	125	133	125	133						
						A+																	
Average climate				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																					
Casing	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	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	119	128	119	128								
Tank	Water volume		l	180	230	180	230	180	230	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																			
		Water side	Min.~Max.	°C																			
	Cooling	Ambient	Min.~Max.	°CDB																			
		Water side	Min.~Max.	°C																			
	Domestic hot water	Ambient	Min.~Max.	°CDB																			
		Water side	Max.	°C																			
	Sound power level	Nom.		dBA																			
	Sound pressure level	Nom.		dBA																			
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																			
	Charge		TCO ₂ Eq	1.01																			
Sound power level	Heating	Nom.	dBA	58		60		62		62													
		Nom.	dBA	61		60		62		62													
	Cooling	Nom.	dBA	44		47		49		49													
		Nom.	dBA	48		49		50		50													
Power supply	Name/Phase/Frequency/Voltage		V3/1N~/50/230																				
Current	Recommended fuses		A																				

(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.