

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



Efficiency data				EHVX + ERGA	04S18E3V/ E6V + 04EV		04S23E3V/ E6V + 04EV		08S18E6V/ E9W + 06EVH		08S23E6V/ E9W + 06EVH		08S18E6V/ E9W + 08EVH		08S23E6V/ E9W + 08EVH		
Heating capacity		Nom.			kW		4.30 (1) / 4.60 (2)		6.00 (1) / 5.90 (2)		7.50 (1) / 7.80 (2)		4.30 (1) / 4.60 (2)		5.40 (1) / 5.70 (2)		
Power input		Heating		Nom.			kW		0.850 (1) / 1.26 (2)		1.24 (1) / 1.69 (2)		1.63 (1) / 2.23 (2)		2.02 (1) / 2.80 (2)		
Cooling capacity		Nom.			kW		4.86 (1) / 4.52 (2)		5.96 (1) / 5.09 (2)		6.25 (1) / 5.44 (2)		6.25 (1) / 5.44 (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)		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)		4.60 (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)		5.40 (1) / 3.14 (2)		5.40 (1) / 3.14 (2)		
	Average climate water outlet 55 °C	General	SCOP			3.29		3.28		3.35		3.35		3.35		3.35	
			η _{sp} (Seasonal space heating efficiency)		%	129		128		131		131		131			
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class					A++									
			SCOP			4.54		4.52		4.61		4.61		4.61			
			η _{sp} (Seasonal space heating efficiency)		%	179		178		181		181		181			
			Seasonal space heating eff. class					A+++									
	General		Declared load profile			L		XL		L		XL		L		XL	
	Average climate		η _{rw} h (water heating efficiency)		%	127		125		134		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	
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											
		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				08EVH				
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		Control			Expansion valve												
		Heating	Nom.	dBA	58				60				62				
		Cooling	Nom.	dBA	61								62				
		Heating	Nom.	dBA	44				47				49				
Sound pressure level		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.