

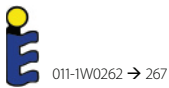
Daikin Altherma 3 R ECH₂O

Floor standing air to water heat pump for **bivalent heating, cooling and hot water** with thermal solar support

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maximum use of renewable energy: uses heat pump technology for heating and solar support for space heating and domestic hot water production
- › Fresh water principle: hygienic water, with no need for thermal legionella disinfection
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Bivalent system: combinable with a secondary heat source
- › Heat loss is reduced to a minimum thanks to the high quality insulation
- › App control possible for managing heating and hot water operation



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



Efficiency data		EHSXB + ERGA		04P30D3 + 04EV	04P50D3 + 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	kW		0.84 (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	kW		0.81 (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	
			η _{sp} (Seasonal space heating efficiency)	129		128		131	
	Average climate water outlet 35 °C	General	SCOP	4.54		4.52		4.61	
			η _{sp} (Seasonal space heating efficiency)	179		178		181	
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL
	Average climate	η _{wh} (water heating efficiency)		115	110	115	110	115	110
		Water heating energy efficiency class		A+	A	A+	A	A+	A

Indoor Unit		EHSXB		04P30D3	04P50D3	08P30D3	08P50D3	08P30D3	08P50D3	
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material	Impact resistant polypropylene								
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	1,891 x 595 x 615	1,896 x 790 x 790
Weight	Unit	kg			76	99	76	99	76	99
Tank	Water volume	l			294	477	294	477	294	477
	Maximum water temperature	°C			85					
Operation range	Heating	Ambient	Min.~Max.	°C	-25~-25					
		Water side	Min.~Max.	°C	18~-65					
	Cooling	Ambient	Min.~Max.	°C	10~-43					
		Water side	Min.~Max.	°C	5~-22					
	Domestic hot water	Ambient	Min.~Max.	°C	-25~-35					
		Water side	Min.~Max.	°C	25~-55					
Sound power level	Nom.	dBA			39					

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		
	Type				Hermetically sealed swing compressor		
Operation range	Cooling	Min.~Max.	°C	10.0~-43.0			
	Domestic hot water	Min.~Max.	°C	-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	
	Cooling	Nom.	dBA	61		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/IN~/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.