

Daikin Altherma 3 R MT

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

- › A combined stainless steel domestic hot water tank of 180 or 230L and heat pump for easy installation
- › Energy efficient heating only system based on air to water heat pump technology
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › Inclusion of all hydraulic components means no third party components are required
- › The unit's sleek design blends in with other household appliances



Efficiency data				ELVH + ERRA	12S18E6V/9W + 08EW1	12S23E6V/9W + 08EW1	12S18E6V/9W + 10EW1	12S23E6V/9W + 10EW1	12S18E6V/9W + 12EW1	12S23E6V/9W + 12EW1	
	Space heating	Average climate water outlet 55 °C	General	SCOP η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	%	3,42	3,43		3,53		
						134					
						A++					
		Average climate water outlet 35 °C	General	SCOP η _{sp} (Seasonal space heating efficiency) Seasonal space heating eff. class	%	4,81	4,84				
						190	191				
	Domestic hot water heating	General	Declared load profile			L					
		Average climate	COP	dhw		2,8	3,05	2,8	3,05	2,8	3,05
			η _{wh} (water heating efficiency)	%		120	130	120	130	120	130
			Water heating energy efficiency class			A+					
Indoor Unit					ELVH	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W	12S18E6V/9W	12S23E6V/9W
Casing	Colour					White + Black					
	Material					Precoated sheet metal					
Dimensions	Unit	HeightxWidthxDepth	mm			1,655 x 595 x 634	1,855 x 595 x 634	1,655 x 595 x 634	1,855 x 595 x 634	1,655 x 595 x 634	1,855 x 595 x 634
Weight	Unit		kg			120	129	120	129	120	129
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		-25 ~ 25					
		Water side	Min.~Max.	°C		15 ~ 65					
	Domestic hot water	Ambient	Min.~Max.	°C		-25 ~ 35					
		Water side	Min.~Max.	°C		25 ~ 62					
Sound power level	Nom.			dBA		44					
Sound pressure level	Nom.			dBA		30					
Outdoor Unit					ERRA	08EW1	10EW1	12EW1			
Dimensions	Unit	HeightxWidthxDepth	mm			1,003 x 1,270 x 533					
Weight	Unit		kg			107					
Compressor	Quantity					1					
	Type					Hermetically sealed swing compressor					
Operation range	Heating		Min.~Max.	°CDB		-25 ~ 25					
	Cooling		Min.~Max.	°CDB		10 ~ 43					
	Domestic hot water		Min.~Max.	°CDB		-25 ~ 35					
Refrigerant	Type					R-32					
	GWP					675					
	Charge			kg		3,25					
	Charge			TCO ₂ Eq		2,19					
	Control					Expansion valve					
LW(A) Sound power level (according to EN14825)						56					
Sound pressure level (at 1 meter)						41,1					
Power supply	Name/Phase/Frequency/Voltage			Hz/V		W1/3~/50 /400					
Current	Recommended fuses			A		16					

This product contains fluorinated greenhouse gases.