

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



011-1W0651
011-1W0652
011-1W0653
011-1W0654
011-1W0655
011-1W0656

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				138	
						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.