

Daikin Altherma 3 R MT 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 230L and heat pump for easy installation
- › For hot water, heating and cooling
- › 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				ELVX + 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		3,47		3,48		3,58	
			η _s (Seasonal space heating efficiency)	%	136				140	
	Average climate water outlet 35 °C	General	SCOP		4,95		4,98			
			η _s (Seasonal space heating efficiency)	%	195		196			
Domestic hot water heating				General	Declared load profile					
				Average COP	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				ELVX	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 _{Eq}	2,19					
Control					Expansion valve					
LW(A) Sound power level (according to EN14825)					56					
Sound pressure level Nom. (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.

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

Efficiency data				ELVX + ERRA	12S18E6V/9W + 08EV3	12S23E6V/9W + 08EV3	12S18E6V/9W + 10EV3	12S23E6V/9W + 10EV3	12S18E6V/9W + 12EV3	12S23E6V/9W + 12EV3
Space heating	Average climate water outlet 55 °C	General	SCOP		3,37		3,38			3,47
			ηs (Seasonal space heating efficiency)	%		132				136
		Seasonal space heating eff. class				A++				
	Average climate water outlet 35 °C	General	SCOP		4,79				4,82	
		ηs (Seasonal space heating efficiency)	%		188			190		
		Seasonal space heating eff. class				A+++				
Domestic hot water heating	General	Declared load profile								L
	Average climate	COP	dhw		2,72	2,96	2,72	2,96	2,72	2,96
		ηwh (water heating efficiency)	%		117	126	117	126	117	126
		Water heating energy efficiency class								A+
Indoor Unit				ELVX	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	1,855 x 595 x 634
Weight	Unit		kg	120	129	120	129	120	129	129
Tank	Water volume		l	180	230	180	230	180	230	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	08EV3	10EV3	12EV3			
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 _{Eq}			2,19				
	Control					Expansion valve				
LW(A) Sound power level (according to EN14825)										54
Sound pressure level Nom. (at 1 meter)										40,6
Power supply	Name/Phase/Frequency/Voltage		Hz/V			V3/1~/50 /230				
Current	Recommended fuses		A			32				

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