

Daikin Altherma 3 R MT ECH₂O

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

- › Integrated solar unit, offering top comfort in heating and hot water
- › Maintenance-free tank: no corrosion, anode, scale or lime deposits, and no loss of water through safety valve
- › Quick configuration in 9 steps in a high resolution colour interface wizard
- › 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



up to

Efficiency data				ELSX+ ERRA	12P30E + 08EW1	12P50E + 08EW1	12P30E + 10EW1	12P50E + 10EW1	12P30E + 10EW1	12P50E + 10EW1
Space heating	Average climate water outlet 55 °C	General	SCOP		3,47		3,48		3,48	
			η _s (Seasonal space heating efficiency)	%			136			
	Seasonal space heating eff. class					A++				
	Average climate water outlet 35 °C	General	SCOP		4,95		4,98		4,98	
η _s (Seasonal space heating efficiency)			%		195		196		196	
Seasonal space heating eff. class					A+++					
Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL	
		Average COP	dhw	2,83	3,29	2,83	3,29	2,83	3,29	
	Climate	η _{wh} (water heating efficiency)		%	119	136	119	136	119	136
		Water heating energy efficiency class					A+			
Indoor Unit				ELSX	12P30E	12P50E	12P30E	12P50E	12P30E	12P50E
Casing	Colour	Traffic white (RAL9016) / Traffic black (RAL9017)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	HeightxWidthxDepth	mm	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	1,893 x 594 x 680	1,910 x 792 x 817	
Weight	Unit		kg	76	91	76	91	76	91	
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 15 ~65						
	Domestic hot water	Ambient	Min.~Max.	°C -25 ~35						
		Water side	Min.~Max.	°C 25 ~62						
Sound power level	Nom.		dBA	44,7						
Sound pressure level	Nom.		dBA	36,8						
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						
	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)	Nom.			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.