

Daikin Altherma 3 H MT F

Floor standing air to water heat pump for heating, cooling and hot water

- › A combined stainless steel domestic hot water tank of 180 or 230 L and heat pump for easy installation
- › Inclusion of all hydraulic components means no third party components are required
- › PCB board and hydraulic components are located in the front for easy access
- › Small installation footprint of 595 x 625 mm
- › Integrated back-up heater of 6 or 9 kW
- › Heat pump operation down to -28 °C



- 011-1W0503
- 011-1W0504
- 011-1W0505
- 011-1W0506
- 011-1W0507
- 011-1W0508

Efficiency data			ETVX + EPRA	12S18E6V/E9W + 08EV/W	12S23E6V/E9W + 08EV/W	12S18E6V/E9W + 10EV/W	12S23E6V/E9W + 10EV/W	12S18E6V/E9W + 12EV/W	12S23E6V/E9W + 12EV/W
Space heating	Average climate water outlet 55 °C	General	SCOP	3.47 / 3.59		3.48 / 3.60			
		Seasonal space heating eff. class	%	136 / 141		A++			
	Average climate water outlet 35 °C	General	SCOP	4.79 / 4.95		4.82 / 4.98			
		Seasonal space heating eff. class	%	188 / 195		190 / 196		A+++	
Domestic hot water heating	General	Declared load profile		L					
	Average climate	COPdhw	%	2.72 / 2.80	2.96 / 3.05	2.72 / 2.80	2.96 / 3.05	2.72 / 2.80	2.96 / 3.05
	Water heating energy efficiency class		%	117 / 120	126 / 130	117 / 120	126 / 130	117 / 120	126 / 130

Indoor Unit			ETVX	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W	12S18E6V/D9W	12S23E6V/D9W
Casing	Colour	White + Black							
	Material	Precoated sheet metal							
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625
Weight	Unit	kg		108	117	108	117	108	117
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		-28 ~ 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	Max.	°C		-28 ~ 35			
		Water side	Min.~Max.	°C		10 ~ 65			
Sound power level	Nom.	dBA		44					
Sound pressure level	Nom.	dBA		30					

Outdoor Unit			EPRA	08EV3/W1	10EV3/W1	12EV3/W1
Dimensions	Unit	HeightxWidthxDepth	mm	1,003x1,270x533		
Weight	Unit	kg		118		
Compressor	Quantity			1		
	Type	Hermetically sealed swing compressor				
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25		
	Cooling	Min.~Max.	°CDB	10 ~ 43		
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 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)			53			
Sound pressure level (at 1 meter)	Nom.			40.6/41.1		
Power supply	Name/Phase/Frequency/Voltage	Hz/V		V3/1~/50/230 - W1/3~/50/400		
Current	Recommended fuses	A		32/16		

This product contains fluorinated greenhouse gases.

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011-1W0353-354
011-1W0357-358
011-1W0361-362

Efficiency data				ETVX + EPRA		16S18E6V7/E9W7 + 14DV7/W7	16S23E6V7/E9W7 + 14DV7/W7	16S18E6V7/E9W7 + 16DV7/W7	16S23E6V7/E9W7 + 16DV7/W7	16S18E6V7/E9W7 + 18DV7/W7	16S23E6V7/E9W7 + 18DV7/W7
Space heating	Average climate water outlet 55 °C	General	SCOP	3.62 / 3.63							
			ηs (Seasonal space heating efficiency) %	142							
	Average climate water outlet 35 °C	General	SCOP	4.57 / 4.81							
			ηs (Seasonal space heating efficiency) %	180 / 190							
Domestic hot water heating			Declared load profile	L	XL	L	XL	L	XL		
Average climate	General	COPdhw		2.62 / 2.51	2.61 / 2.55	2.62 / 2.51	2.61 / 2.55	2.62 / 2.51	2.61 / 2.55		
		ηwh (water heating efficiency) %		110 / 106	108 / 107	110 / 106	108 / 107	110 / 106	108 / 107		
			Water heating energy efficiency class	A							
Indoor Unit				ETVX	16S18E6V7/E79W7	16S23E6V7/E79W7	16S18E6V7/E79W7	16S23E6V7/E79W7	16S18E6V7/E79W7	16S23E6V7/E79W7	
Casing	Colour	White + Black									
	Material	Precoated sheet metal									
Dimensions	Unit	HeightxWidthxDepth	mm	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625	1,650x595x625	1,850x595x625		
Weight	Unit		kg	109	118	109	118	109	118		
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							
		Water side	Min.~Max.	°C							
	Cooling	Ambient	Min.~Max.	°C							
		Water side	Min.~Max.	°C							
	Domestic hot water	Ambient	Max.	°C							
		Water side	Min.~Max.	°C							
Sound power level	Nom.		dBA	44							
Sound pressure level	Nom.		dBA	30							
Outdoor Unit				EPRA	14DV37/W17	16DV37/W17	18DV37/W17				
Dimensions	Unit	HeightxWidthxDepth	mm			1,003x1,270x533					
Weight	Unit		kg			146/151					
Compressor	Quantity			1							
	Type			Hermetically sealed scroll compressor							
Operation range	Heating	Min.~Max.	°CDB	-28 ~ 25							
	Cooling	Min.~Max.	°CDB	10 ~ 43							
	Domestic hot water	Min.~Max.	°CDB	-28 ~ 35							
Refrigerant	Type			R-32							
	GWP			675							
	Charge		kg	4.20							
	Charge		TCO ₂ Eq	2.84							
	Control			Expansion valve							
LW(A) Sound power level (according to EN14825)				54							
Sound pressure level (at 1 meter)	Nom.			43.0				48.0			
Power supply	Name/Phase/Frequency/Voltage		Hz/V	V3/1~/50/230 / W1/3~/50/400							
Current	Recommended fuses		A	32/16							

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