

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					
			η _{sp} (Seasonal space heating efficiency)	%	136 / 141							
			Seasonal space heating eff. class	A++								
	Average climate water outlet 35 °C	General	SCOP	%	4.79 / 4.95		4.82 / 4.98					
			η _{sp} (Seasonal space heating efficiency)	%	188 / 195		190 / 196					
 Domestic hot water heating	Average climate	General	Seasonal space heating eff. class		A+++							
			Declared load profile	L								
			COP _{dhw}		2.72 / 2.80		2.96 / 3.05		2.72 / 2.80		2.96 / 3.05	
	Average climate	General	η _{wh} (water heating efficiency)	%	117 / 120		126 / 130		117 / 120		126 / 130	
			Water heating energy efficiency class	A+								
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.