

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				
	Average climate water outlet 55 °C	General	SCOP	ηs (Seasonal space heating efficiency) %	3.47 / 3.59		3.48 / 3.60								
			136 / 141												
	A++														
	Average climate water outlet 35 °C	General	SCOP	ηs (Seasonal space heating efficiency) %	4.79 / 4.95		4.82 / 4.98								
188 / 195															
190 / 196															
A+++															
	General	Declared load profile			L										
	Average climate	COPdhw				2.72 / 2.80		2.96 / 3.05		2.72 / 2.80		2.96 / 3.05			
	ηwh (water heating efficiency) %			117 / 120		126 / 130		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.