

Daikin Altherma 3 H MT F

Floor standing integrated with **two different temperature zones monitoring**

- › 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				ETVZ + 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	3.41 / 3.52		3.43 / 3.53				
				ηs (Seasonal space heating efficiency)			134 / 138				
				Seasonal space heating eff. class			A++				
	Average climate water outlet 35 °C	General	SCOP	4.69 / 4.82		4.71 / 4.69		4.71 / 4.84			
			ηs (Seasonal space heating efficiency)	184 / 190		186 / 184		186 / 191			
Seasonal space heating eff. class					A+++						
	Domestic hot water heating	Average climate	General	Declared load profile	L						
				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	
				ηwh (water heating efficiency)	117 / 120	126 / 130	117 / 120	126 / 130	117 / 120	126 / 130	
				Water heating energy efficiency class	A+						
Indoor Unit				ETVZ	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	12S18E6V/E9W	12S23E6V/E9W	
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	114	122	114	122	114	122
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						
	Domestic hot water	Ambient	Min.~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						
	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				ETVZ + 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			3.58 / 3.57					
				ηs (Seasonal space heating efficiency)			%140					
				Seasonal space heating eff. class								
	Average climate water outlet 35 °C	General	SCOP	4.51 / 4.71								
			ηs (Seasonal space heating efficiency)	%177 / 186								
Seasonal space heating eff. class	A+++											
	Domestic hot water heating	General	Declared load profile		L	XL	L	XL	L	XL		
	Average climate	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					ETVZ	16S18E6V7/E9W7	16S23E6V7/E9W7	16S18E6V7/E9W7	16S23E6V7/E9W7	16S18E6V7/E9W7	16S23E6V7/E9W7	
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	120	128	120	128	120	128			
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 ~ 35							
		Water side	Min.~Max.	°C	15 ~ 70							
	Domestic hot water	Ambient	Min.~Max.	°C	-28 ~ 35							
		Water side	Min.~Max.	°C	10 ~ 63							
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								
	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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