

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



up to



A+++



A+

65 °C

R-32



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	%	3.47 / 3.59		3.48 / 3.60				
			ηs (Seasonal space heating efficiency)	%	136 / 141						
	Average climate water outlet 35 °C	General	Seasonal space heating eff. class		4.79 / 4.95		4.82 / 4.98				
			ηs (Seasonal space heating efficiency)	%	188 / 195		190 / 196				
	Average climate	General	Seasonal space heating eff. class		A+++						
			Declared load profile		L						
	Average climate	General	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					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				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	TCO2Eq			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						

Daikin Altherma 3 H HT 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



011-1W0353-354
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
	Average climate water outlet 55 °C	General	SCOP	%	3.62 / 3.63					
			ηs (Seasonal space heating efficiency)		142					
			Seasonal space heating eff. class		A++					
	Average climate water outlet 35 °C	General	SCOP		4.57 / 4.81					
			ηs (Seasonal space heating efficiency)	%	180 / 190					
	Average climate	General	Seasonal space heating eff. class		A+++					
			Declared load profile		L	XL	L	XL	L	XL
			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	-28 ~ 35					
		Water side	Min.~Max.	°C	15 ~ 70					
	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 ~ 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					
	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					

This product contains fluorinated greenhouse gases.