



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

Αντλίες θερμότητας



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5
Έκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3
ΤΚ | 55133 | Καλαμαριά | Θεσσαλονίκη
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Daikin Altherma ST Thermal store

Plastic domestic hot water tank with solar support

- › The thermal store EKHWP* is designed to work with Daikin Altherma heat pumps
- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options
- › Available in 300 and 500 liters



B

85 °C

Accessory		EKHWP	300B	500B	300PB	500PB	54419B			
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)								
	Material	Impact resistant polypropylene								
Dimensions	Unit	Width	mm	595	790	595	790			
		Depth	mm	615	790	615	790			
		Height	mm	1,646	1,658	1,646	1,658			
Weight	Unit	Empty	kg	53	76	56	82	71		
		Water volume	l	294	477	294	477			
Tank	Material	Polypropylene								
		Maximum water temperature	°C	85						
		Insulation Heat loss	kWh/24h	1.5	1.7	1.5	1.7			
		Energy efficiency class		B						
		Standing heat loss	W	64	72	64	72			
		Storage volume	l	290	393	290	393			
		Quantity		1						
Heat exchanger	Domestic hot water	Tube material	Stainless steel (DIN 1.4404)							
			Face area	m ²	5.6	5.8	5.6	5.9	5.8	
			Internal coil volume	l	27.8	28.9	27.8	29	28.9	
			Operating pressure	bar	6					
			Quantity		1					
	Charging	Tube material	Stainless steel (DIN 1.4404)							
			Face area	m ²	2.66	3.7	2.66	3.7	1.95	
			Internal coil volume	l	12.9	18.1	12.9	18.1	10	
			Operating pressure	bar	3					
			Quantity		3					
Auxiliary solar heating	Tube material			Stainless steel (DIN 1.4404)		Stainless steel (DIN 1.4404)				
		Face area	m ²	-	0.76	-	0.76			
		Internal coil volume	l	-	3.9	-	3.9			
		Operating pressure	bar	-	3	-	3			

ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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Daikin Altherma ST

Thermal store

Plastic domestic hot water tank with solar support

- › The thermal store EKHW* is designed to work with a gas/oil boiler
- › The thermal store EKHW* is designed to work with boilers as well as with Daikin Altherma High Temperature
- › Fresh water principle: receive domestic hot water on demand while eliminating the risk of contamination and sedimentation
- › Optimal domestic hot water performance: the low temperature evolution enables high tapping performance
- › Fit for the future: possibility to integrate with renewable solar energy and other heat sources, e.g. fireplace
- › Lightweight and robust build of the unit combined with the cascade principle offers flexible installation options
- › Available in 300 or 500 liters



Accessory		EKHW500B	EKHW300B	EKHW500PB	EKHW300PB	EKHW500B	EKHW300B	EKHW500PB	EKHW300PB		
Casing	Colour	Traffic white (RAL9016) / Dark grey (RAL7011)									
	Material	Impact resistant polypropylene									
Dimensions	Unit	Width	mm	790	595	790	595	790	595		
	Unit	Depth	mm	790	615	790	615	790	615		
Weight	Unit	Empty	kg	73	76	51	53	69	74		
	Tank	Water volume	l	477	294	477	294	477	294		
Tank	Material	Polypropylene									
	Maximum water temperature	85									
	Insulation	Heat loss	kWh/24h	1.7	1.5	1.7	1.5	1.7	1.5		
	Energy efficiency class	B									
	Standing heat loss	W	72	64	72	64	72	64	72		
Heat exchanger	Storage volume	l	477	294	477	294	477	294	477		
	Domestic hot water	Quantity	1								
		Tube material	Stainless steel (DIN 1.4404)								
	Domestic hot water	Face area	m ²	4.900	3.800	4.900	3.800	4.900	3.800	4.900	
		Internal coil volume	l	23.8	18.6	23.8	18.6	23.8	18.6	23.8	
	Domestic hot water	Operating pressure	bar	6						6	6
		Average specific thermal output	W/K	2,580	1,890	2,450	1,890	2,580	1,890	2,580	
	Charging	Quantity	1								
		Tube material	Stainless steel (DIN 1.4404)								
		Face area	m ²	2	2	2	2	2	2	2	
Internal coil volume		l	11	9	11	9	11	9	11		
Operating pressure		bar	3	3	3	3	3	3	3		
Auxiliary solar heating	Average specific thermal output	W/K	1,030	920	1,030	920	1,030	920	1,030		
	Tube material	Stainless steel (DIN 1.4404)									
	Face area	m ²	-						1	1	
	Internal coil volume	l	-						4	4	
	Operating pressure	bar	-						3	3	
Average specific thermal output	W/K	-						350	350		

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Domestic hot water tank

Stainless steel domestic hot water tank

- › EKHTS-AC: available in 200 and 260 l in stainless steel
- › EKHWS(U)-B: available in 150, 200 and 300 litres in stainless steel
- › EKHWS-B: available for 400V applications
- › EKHWS(U)-D: available in 150, 180, 200, 250 and 300 litres in stainless steel



Accessory		EKHTS		200AC	260AC
Casing	Colour	Metallic grey			
	Material	Galvanised steel (precoated sheet metal)			
Dimensions	Unit	Height	Integrated on indoor unit	2,010	2,285
		Width		600	
		Depth		695	
		Height		1,470	1,745
Weight	Unit	Empty		70	78
	Tank	Water volume		200	260
Tank	Material	Stainless steel (EN 1.4521)			
	Maximum water temperature			75	
	Insulation Heat loss			12.0	15.0
	Energy efficiency class			B	
	Standing heat loss			50	63
	Storage volume			200	260
Heat exchanger	Quantity	1			
	Tube material	Duplex steel (EN 1.4162)			
	Face area			1.560	
	Internal coil volume			7.5	

Accessory		EKHWS	(U)150B3V3	(U)200B3V3	(U)300B3V3	200B3Z2	300B3Z2	
Casing	Colour	Neutral white						
	Material	Epoxy-coated mild steel						
Dimensions	Unit	Width	580					
		Depth	580					
		Height	900	1,150	1,600	1,150	1,600	
	Weight	Unit	Empty	37	45	59	45	59
Tank	Water volume		150	200	285	200	285	
	Material	Stainless steel (DIN 1.4521)						
Tank	Maximum water temperature		85					
	Insulation Heat loss		1.55	1.77	2.19	1.77	2.19	
	Energy efficiency class		C					
	Standing heat loss		65	74	91	74	91	
	Storage volume		150	200	285	200	285	
	Heat exchanger	Quantity	1					
Tube material		Duplex steel LDX 2101						
Booster heater	Capacity	3						
Power supply	Phase/Frequency/Voltage	1~/50/230			2~/50/400			

Accessory		EKHWS(U)	150D3V3	180D3V3	200D3V3	250D3V3	300D3V3	
Casing	Colour	Neutral white						
	Material	Epoxy coated steel / Epoxy-coated mild steel						
Dimensions	Unit	Height	1,000	1,164	1,264	1,535	1,745	
Weight	Unit	Empty	45	50	53	58	63	
	Tank	Water volume	145	174	192	242	292	
Tank	Material	Stainless steel (EN 1.4521)						
	Maximum water temperature		75					
	Insulation Heat loss		1.1	1.2	1.3	1.4	1.6	
	Energy efficiency class		B					
	Standing heat loss		45	50	55	60	68	
	Storage volume		145	174	192	242	292	
Heat exchanger	Domestic hot water	Quantity	1					
	Tube material	Stainless steel (EN 1.4521)						
	Face area		1.050	1.400	1.800			
	Internal coil volume		4.9	6.5	8.2			
Booster heater	Capacity	3						
	Power supply	Phase/Frequency/Voltage	1~/50/230					

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