TECHNICAL PARAMETERS OF WATER HEATERS Parameters for the water heater and storage tank



Model(s):	CTC AT 1. 300/25				
Conventional water heater:	No				
Heat pump water heater:	No				
Solar water heater:	No	_			
Storage tank:	Yes	Back-up imm	ersion heater: No		
General data					
Declared load profile	-	NA	-		
Energy efficiency class	-	С	<u> </u> -		
Energy efficiency	η_{wH}	NA	%		
Annual electricity consumption	AEC	NA	kWh		
Factory thermostat setting	-	NA	∫ °C		
Sound power level indoors	L_WA	NA	dB		
Daily electricity consumption	Q_{elec}	NA	kWh		
Fossil and/or biomass fuel heated water heater					
Daily electricity consumption	Q_{fuel}	NA	kWh		
Emissions of nitrogen oxides (dioxide)	NO _X	NA	mg/kWh		
Solar heated water heater					
Collector aperture area	A _{sol}	Na	m ²		
Zero-loss efficiency	η_o	Na	-		
First-order coefficient	a ₁	Na	W/(m² K)		
Second-order coefficient	a ₂	Na	W/(m² K)		
Incidence angle modifier	IAM	Na	-		
Pump power consumption	(solpump)	Na	w		
Standby power consumption	(solstandby)	Na	W		
Heat pump heated water heater					
Sound power level outdoors	L_{WA}	NA	dB		
Technical paremeter at declared load profile					
Storage water heater (3XS, XXS, XS)	Volym	NA	L		
Storage water heater (S, M, XL, XXL, 3XL, 4XL)	Mixed vol 40° DHW	NA	L		
Smart controller					
Weekly fuel consumption with smart	Q fuel, week, smart	NA	kWh		
Weekly electricity consumption with smart	Q elec, week, smart	NA	kWh		
Weekly fuel consumption without smart	Q fuel, week	NA	kWh		
Weekly electricity consumption without smart	Q elec, week	NA	kWh		
Technical parameters for storagetank					
Standing loss	S	84,0	w		
Storage volume	V, C _{act}	287,5	L		
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Specific precautions and end of life information:

The packaging must be deposited at a recycling station or with the installation engineer for correct waste management. At the end of the product's life cycle, it must be sent correctly to a waste station or reseller offering a service of that type. Disposing of the product as household waste is not permitted. Specific precausions/manuals can be found at http://www.ctc.se/nedladdningar

Detailed Contact data:

Enertech AB, Box 309, 341 26 Ljungby www.ctc.se

TECHNICAL PARAMETERS OF WATER HEATERS Parameters for the water heater and storage tank CTC AT 2. 300 Model(s): Conventional water heater: No Heat pump water heater: No No Solar water heater: Yes Back-up immersion heater: No Storage tank: General data Declared load profile NA Energy efficiency class C % **Energy efficiency** NA η_{WH} kWh Annual electricity consumption **AFC** NA NA °C Factory thermostat setting Sound power level indoors NA dB L_{WA} Daily electricity consumption NA kWh Q_{elec} Fossil and/or biomass fuel heated water heater Daily electricity consumption NA kWh Q_{fuel} NA NO_x Emissions of nitrogen oxides (dioxide) mg/kWh Solar heated water heater m^2 Collector aperture area A_{sol} Na Zero-loss efficiency Na η_0 First-order coefficient Na $W/(m^2 K)$ a_1 Second-order coefficient $W/(m^2 K)$ Na a_2 Incidence angle modifier IAM Na Na Pump power consumption (solpump) W Na Standby power consumption (solstandby) W

Storage water heater (3XS, XXS, XS)	Volym	NA	L
Storage water heater (S, M, XL, XXL, 3XL, 4XL)	Mixed vol 40° DHW	NA	L
Smart controller		-	
Weekly fuel consumption with smart	Q fuel, week, smart	NA	kWh
Weekly electricity consumption with smart	Q alac week smart	NA	J_kWh

NA

dB

Weekly fuel consumption without smart $Q_{fuel, week}$ NA kWh Weekly electricity consumption without smart $Q_{elec, week}$ NA kWh

Technical parameters for storagetank

Standing loss S 84,0 W

Storage volume V, C_{act} 293,0 L

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 L_{WA}

Specific precautions and end of life information:

Heat pump heated water heater
Sound power level outdoors

Technical paremeter at declared load profile

The packaging must be deposited at a recycling station or with the installation engineer for correct waste management. At the end of the product's life cycle, it must be sent correctly to a waste station or reseller offering a service of that type. Disposing of the product as household waste is not permitted. Specific precausions/manuals can be found at http://www.ctc.se/nedladdningar

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