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

Model(s):		CTC EcoNomic 300		
Conventional water heater:		Yes		
Heat pump water heater:		No		
Solar water heater:		No		
Storage tank:		No	Back-up immersion heater:	NA

General data

Declared load profile	-	**XL**	-	
Energy efficiency class	-	**C**	-	
Energy efficiency	η_{WH}	**38,1**	/	
Annual electricity consumption	AEC	**4395**	kWh	
Factory thermostat setting	-	**55**	°C	
Sound power level indoor	L_{WA}	**15**		
Daily electricity consumption	Q_{elec}	**20,020**		

Fossil and/or biomass fuel heated water heater

Daily fuel 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_0	NA	-	
First-order coefficient	a_1	NA	$W/(m^2\ K)$	
Second-order coefficient	a_2	NA	$W/(m^2\ K)$	
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	375	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	NA	W	
Storage volume	V, C_{act}	NA	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