

## TECHNICAL PARAMETERS OF WATER HEATERS



### Parameters for the water heater and storage tank

Model(s):	CTC Brilliant 300		
Conventional water heater:	Yes		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	No	Back-up immersion heater:	N/A

### General data

Declared load profile	-	XL	-
Energy efficiency class	-	C	-
Energy efficiency	$\eta_{WH}$	38,9	%
Annual electricity consumption	AEC	4309	kWh
Factory thermostat setting	-	60	°C
Sound power level indoor	$L_{WA}$	15	dB
Daily electricity consumption	$Q_{elec}$	19,790	kWh

### Fossil and/or biomass fuel heated water heater

Daily fuel consumption	$Q_{fuel}$	N/A	kWh
Emissions of nitrogen oxides (dioxide)	$NO_x$	N/A	mg/kWh

### Solar heated water heater

Collector aperture area	$A_{sol}$	N/A	m <sup>2</sup>
Zero-loss efficiency	$\eta_0$	N/A	-
First-order coefficient	$a_1$	N/A	W/(m <sup>2</sup> K)
Second-order coefficient	$a_2$	N/A	W/(m <sup>2</sup> K)
Incidence angle modifier	IAM	N/A	-
Pump power consumption	(solpump)	N/A	W
Standby power consumption	(solstandby)	N/A	W

### Heat pump heated water heater

Sound power level outdoors	$L_{WA}$	N/A	dB
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### Technical parameter at declared load profile

Storage water heater (3XS, XXS, XS)	Volym	N/A	L
Storage water heater (S, M, XL, XXL, 3XL, 4XL)	Mixed vol 40° DHW	392,4	L

### Smart controller

Weekly fuel consumption with smart	$Q_{fuel, week, smart}$	N/A	kWh
Weekly electricity consumption with smart	$Q_{elec, week, smart}$	N/A	kWh
Weekly fuel consumption without smart	$Q_{fuel, week}$	N/A	kWh
Weekly electricity consumption without smart	$Q_{elec, week}$	N/A	kWh

### Technical parameters for storagetank

Standing loss	S	N/A	W
Storage volume	$V, C_{act}$	N/A	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 precautions/manuals can be found at <http://www.ctc.se/nedladdningar>

Detailed Contact data:

CTC AB, Näs vägen 8, 341 34 Ljungby [www.ctc.se](http://www.ctc.se)