

## TECHNICAL PARAMETERS OF WATER HEATERS



### Parameters for the water heater and storage tank

Model(s):	CTC VT 80		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

### General data

Daily electricity consumption	$Q_{elec}$	NA	kWh
Energy efficiency	wh	NA	%
Energy efficiency class	-	B	-
Annual electricity consumption	AEC	NA	kWh
Declared load profile	-	NA	-
Sound power level indoors	$L_{WA}$	NA	dB

### 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	$\eta_0$	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 parameter at declared load profile

Storage water heater (3XS, XXS, XS)	Volym	NA	L
Storage water heater (S, M, XL, XXL, 3XL, 4XL)	Blandad vol 40° VV	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

Storage volume	V	81	L
Standing loss	S	42,4	W

Detailed contact data:

Enertech AB, Box 309, 341 26 Ljungby [www.ctc.se](http://www.ctc.se)