TECHNICAL PARAMETERS OF WATER HEATERS

Parameters for the water heater and storage tank

Model(s):	CTC FerroModul T 400L		
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	-	**D**	-
Annual electricity consumption	AEC	**NA**	kWh
Declared load profile	-	**NA**	-
Sound power level indoors	L_{WA}	**15**	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	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)	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	379,0	L
Standing loss	S	117,0	W

Detailed contact data:	Enertech AB, Box 309, 341 26 Ljungby www.ctc.se