TECHNICAL PARAMETERS OF WATER HEATERS

Parameters for the water heater and storage tank

Model(s):	CTC AT 1. 500/50 6bar		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

General data

Declared load profile	-	NA	-
Energy efficiency class	-	C	-
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_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	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	101,0	W
Storage volume	V, C_{act}	492,0	L

F0135 211103

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

Model(s):	CTC AT 2. 500 6bar		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

General data

Declared load profile	-	NA	-
Energy efficiency class	-	NA	-
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_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	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	104,0	W
Storage volume	V, C_{act}	503,0	L

F0135 211103

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

Model(s):	CTC AT 1. 500/25		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

General data

Declared load profile	-	NA	-
Energy efficiency class	-	C	-
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_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	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	101,0	W
Storage volume	V, C_{act}	472,5	L

F0135 211103

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

Model(s):	CTC AT 1. 500/50		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

General data			
Declared load profile	-	NA	-
Energy efficiency class	-	C	-
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_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	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	101,0	W
Storage volume	V, C_{act}	467,0	L

F0135 211103

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

Model(s):	CTC AT 2. 500		
Conventional water heater:	No		
Heat pump water heater:	No		
Solar water heater:	No		
Storage tank:	Yes	Back-up immersion heater:	No

General data

Declared load profile	-	NA	-
Energy efficiency class	-	C	-
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_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	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	101,0	W
Storage volume	V, C_{act}	478,0	L

F0135 211103

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