TECHNICAL PARAMETERS OF WATER HEATERS

| Parameters for the water heater and storage tank | , | | G | G |
|---|-------------------------|-------------|--|---|
| Model(s): | CTC AT 1. 500/5 | 50 6bar | | |
| Conventional water heater: | No | | | |
| Heat pump water heater: | No | | | |
| Solar water heater: | No | 1 | | 1 |
| Storage tank: | Yes | Back-up imm | ersion heater: No | |
| General data | | | | |
| Declared load profile | - | NA | - | |
| Energy efficiency class | - | C | - | |
| Energy efficiency | η_{w_H} | 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_{o} | NA | - | |
| First-order coefficient | a_1 | NA | W/(m² K) | |
| Second-order coefficient | a_2 | NA | W/(m² 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 | | | 231218 | |
| Specific precautions and end of life information: | | | ycling station or with the installation engineer for duct's life cycle, it must be sent correctly to a war | |

Detailed Contact data:

CTC AB, Näsvägen 8, 341 34 Ljungby www.ctc.se

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

TECHNICAL PARAMETERS OF WATER HEATERS Parameters for the water heater and storage tank CTC AT 2. 500 6bar Model(s): Conventional water heater: No No Heat pump water heater: No Solar water heater: Yes Back-up immersion heater: No Storage tank: General data Declared load profile NA Energy efficiency class NA % **Energy efficiency** NA η_{WH} kWh Annual electricity consumption **AFC** NA NA °C Factory thermostat setting Sound power level indoors NA dB L_{WA} Daily electricity consumption NA kWh Q_{elec} Fossil and/or biomass fuel heated water heater Daily electricity consumption NA kWh Q_{fuel} NA NO_x Emissions of nitrogen oxides (dioxide) mg/kWh Solar heated water heater m^2 Collector aperture area A_{sol} NA Zero-loss efficiency NA η_0 First-order coefficient NA $W/(m^2 K)$ a₁ Second-order coefficient NA $W/(m^2 K)$ a_2 Incidence angle modifier IAM NA NA Pump power consumption (solpump) W NA Standby power consumption (solstandby) W Heat pump heated water heater Sound power level outdoors NA dB L_{WA} Technical paremeter at declared load profile Storage water heater (3XS, XXS, XS) Volym NA L Mixed vol 40° NA Storage water heater (S, M, XL, XXL, 3XL, 4XL) L DHW Smart controller Weekly fuel consumption with smart NA kWh Q fuel, week, smart

Weekly fuel consumption without smart $Q_{\text{fuel, week}}$ NA kWh Weekly electricity consumption without smart $Q_{\text{elec, week}}$ NA kWh

Technical parameters for storagetank

Weekly electricity consumption with smart

Standing loss S 104,0 W Storage volume V, C_{act} 503,0 L

F0135 231218

 $Q_{\text{elec, week, smart}}$

NA

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

kWh

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TECHNICAL PARAMETERS OF WATER HEATERS Parameters for the water heater and storage tank CTC AT 1. 500/25 Model(s): Conventional water heater: No No Heat pump water heater: No Solar water heater: Yes Back-up immersion heater: No Storage tank: General data Declared load profile NA Energy efficiency class C % **Energy efficiency** NA η_{WH} kWh Annual electricity consumption **AFC** NA NA °C Factory thermostat setting Sound power level indoors NA dB L_{WA} Daily electricity consumption NA kWh Q_{elec} Fossil and/or biomass fuel heated water heater Daily electricity consumption NA kWh Q_{fuel} NA NO_x Emissions of nitrogen oxides (dioxide) mg/kWh Solar heated water heater m^2 Collector aperture area A_{sol} NA Zero-loss efficiency NA η_0 First-order coefficient NA $W/(m^2 K)$ a₁ Second-order coefficient NA $W/(m^2 K)$ a_2 Incidence angle modifier IAM NA NA Pump power consumption (solpump) W NA Standby power consumption (solstandby) W Heat pump heated water heater Sound power level outdoors NA dB L_{WA} Technical paremeter at declared load profile Storage water heater (3XS, XXS, XS) Volym NA L Mixed vol 40° NA Storage water heater (S, M, XL, XXL, 3XL, 4XL) L DHW Smart controller Weekly fuel consumption with smart NA kWh Q fuel, week, smart Weekly electricity consumption with smart $Q_{\text{elec, week, smart}}$ NA kWh

F0135 231218

V, Cact

S

Q fuel, week

Q elec, week

NA

NA

Specific precautions and end of life information:

Weekly fuel consumption without smart

Technical parameters for storagetank

Standing loss

Storage volume

Weekly electricity consumption without smart

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

kWh

kWh

101,0 W 472,5 L

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F0135 231218

V, Cact

S

Q elec, week

Specific precautions and end of life information:

Weekly electricity consumption without smart

Technical parameters for storagetank

Standing loss

Storage volume

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kWh

101,0 W

467,0

Detailed Contact data: CTC Al

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NA

TECHNICAL PARAMETERS OF WATER HEATERS Parameters for the water heater and storage tank CTC AT 2.500 Model(s): Conventional water heater: No No Heat pump water heater: No Solar water heater: Yes Back-up immersion heater: No Storage tank: General data Declared load profile NA Energy efficiency class C % **Energy efficiency** NA η_{WH} kWh Annual electricity consumption **AFC** NA NA °C Factory thermostat setting Sound power level indoors NA dB L_{WA} Daily electricity consumption NA kWh Q_{elec} Fossil and/or biomass fuel heated water heater Daily electricity consumption NA kWh Q_{fuel} NA NO_x Emissions of nitrogen oxides (dioxide) mg/kWh Solar heated water heater m^2 Collector aperture area A_{sol} NA Zero-loss efficiency NA η_0 First-order coefficient NA $W/(m^2 K)$ a₁ Second-order coefficient NA $W/(m^2 K)$ a_2 Incidence angle modifier IAM NA NA Pump power consumption (solpump) W NA Standby power consumption (solstandby) W Heat pump heated water heater Sound power level outdoors NA dB L_{WA} Technical paremeter at declared load profile Storage water heater (3XS, XXS, XS) Volym NA L Mixed vol 40° NA Storage water heater (S, M, XL, XXL, 3XL, 4XL) L DHW Smart controller Weekly fuel consumption with smart NA kWh Q fuel, week, smart Weekly electricity consumption with smart $Q_{\text{elec, week, smart}}$ NA kWh NA Weekly fuel consumption without smart kWh Q fuel, week

F0135 231218

V, Cact

S

Q elec, week

NA

Specific precautions and end of life information:

Weekly electricity consumption without smart

Technical parameters for storagetank

Standing loss

Storage volume

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kWh

101,0 W 478,0 L

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