



## **Greenstar Heatslave II**

EXT 18/25 2022+

7731600264

To the extent applicable to the product, the following data are based on the requirements of Regulations (EU) 811/2013 and (EU) 813/2013.

Declared load profile         XL           Energy Efficiency Class         A           Water heating energy efficiency class         B           Rated heat output         Prated         kW         25           Annual energy consumption (average climate conditions)         Q₁€         kWh         -           Annual energy consumption         AEC         kWh         39           Annual electricity consumption         AEC         kWh         39           Annual fuel consumption         AFC         GJ         26           Seasonal space heating energy efficiency         η₅         %         92           Water heating energy efficiency         η₀         %         63           Sound power level, indoors         LwA         dB         -           Indication about ability working only during off-peak hours         No         No           Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents         Condensing boiler         Yes           Low temperature boiler         No         No           B1 boiler         No         No           Cogeneration space heater         No         No           Cogeneration space heater         No         No	Productdata	Symbol	Unit	7731600264	
Water heating energy efficiency class       B         Rated heat output       Prated       kW       25         Annual energy consumption (average climate conditions)       Q <sub>HE</sub> kWh       -         Annual energy consumption       Q <sub>HE</sub> GJ       79         Annual electricity consumption       AEC       kWh       39         Annual fuel consumption       AFC       GJ       26         Seasonal space heating energy efficiency       n <sub>S</sub> %       92         Water heating energy efficiency       n <sub>Wh</sub> %       63         Sound power level, indoors       L <sub>WA</sub> dB       -         Indication about ability working only during off-peak hours       No       No         Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents       Condensing boiler       Yes         Low temperature boiler       No       No       No         Eogeneration space heater       No       No         Cogeneration space heater       No       No         Cogeneration space heater       No       No         Cogeneration space heater       No       No         At rated heat output and high temperature regime       P <sub>4</sub> kW       25,10 <td>Declared load profile</td> <td></td> <td></td> <td>XL</td>	Declared load profile			XL	
Rated heat output  Annual energy consumption (average climate conditions)  Annual energy consumption  Annual energy consumption  AFC  Annual electricity consumption  AFC  AFC  GJ  79  Annual electricity consumption  AFC  GJ  26  Seasonal space heating energy efficiency  Mater heating energy efficiency  Mo  Seasonal space heating energy efficiency  Mo  Special precautions to be taken during off-peak hours  No  Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  Condensing boiler  Condensing boiler  No  B1 boiler  No  Cogeneration space heater  No  Combination heater  Wes  Useful heat output  At rated heat output and high temperature regime  P4  kW  25,10  At 30% of rated heat output and low temperature regime  P1  kW  7,80  Useful efficiency  At rated heat output and high temperature regime  P1  kW  7,80  At 30% of rated heat output and low temperature regime  R1  At 30% of rated heat output and low temperature regime  R2  At 30% of rated heat output and low temperature regime  R4  At 30% of rated heat output and low temperature regime  R4  At 30% of rated heat output and low temperature regime  R5  At 30% of rated heat output and low temperature regime  R4  At 30% of rated heat output and low temperature regime  R5  At 30% of rated heat output and low temperature regime  R6  R6  R7  R7  R7  R8  R9  R9  R9  R9  R9  R9  R9  R9  R0  R9  R9	Energy Efficiency Class			Α	
Annual energy consumption (average climate conditions)  Annual energy consumption  AEC  KWh  39  Annual electricity consumption  AEC  KWh  39  Annual fuel consumption  AFC  GJ  26  Seasonal space heating energy efficiency  Mush  Kondication about ability working only during off-peak hours  Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  Condensing boiler  Low temperature boiler  No  B1 boiler  No  Cogeneration space heater  No  Combination heater  Wes  Useful heat output  At rated heat output and high temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 30% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  At 50% of rated heat output and low temperature regime  Pelmax kW 0,159  At 50% of rated heat output and low temperature regime  Pelmax kW 0,049  At 50% of rated heat output and low temperature regime	Water heating energy efficiency class			В	
Annual energy consumption Q <sub>HE</sub> GJ 79 Annual electricity consumption AEC kWh 39 Annual fuel consumption AFC GJ 26 Seasonal space heating energy efficiency n <sub>Nwh</sub> % 63 Sound power level, indoors L <sub>WA</sub> dB - Indication about ability working only during off-peak hours No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler No Substitution about ability working only during off-peak hours No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler No Special precautions be attended to the see product accompanying documents Condensing boiler No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  No Special precautions to be taken during assembly, installation or maintenance (if applic	Rated heat output	Prated	kW	25	
Annual electricity consumption AEC kWh 39 Annual fuel consumption AFC GJ 26 Seasonal space heating energy efficiency $\eta_s$ % 92 Water heating energy efficiency $\eta_{wh}$ % 63 Sound power level, indoors $L_{WA}$ dB - Indication about ability working only during off-peak hours No Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents Condensing boiler Yes Low temperature boiler No B1 boiler No Cogeneration space heater No Combination heater No Combination heater Pase Heat output and high temperature regime P4 kW 25,10 At 30 % of rated heat output and high temperature regime P1 kW 7,80  Useful efficiency At rated heat output and high temperature regime P1 W 7,80  Useful efficiency At rated heat output and high temperature regime P3,8 kW 0,159 At John Colons WW 0,049 In standby mode P3s kW 0,002	Annual energy consumption (average climate conditions)	$Q_{HE}$	kWh	-	
Annual fuel consumption       AFC       GJ       26         Seasonal space heating energy efficiency       η <sub>S</sub> %       92         Water heating energy efficiency       η <sub>Wh</sub> %       63         Sound power level, indoors       L <sub>WA</sub> dB       -         Indication about ability working only during off-peak hours       No       No         Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents       Condensing boiler       Yes         Low temperature boiler       No       No         B1 boiler       No       No         Cogeneration space heater       No       No         Combination heater       Yes       Yes         Useful heat output       Yes       Ves         Useful heat output       P4       kW       25,10         At 30% of rated heat output and low temperature regime       P4       kW       7,80         Useful efficiency       Ves       Ves       Ves         At add heat output and high temperature regime       P4       kW       91,9       At 30% of rated heat output and low temperature regime       P3       W       97,8         Auxiliary electricity consumption       elmax       kW       0,159       A	Annual energy consumption	$Q_{HE}$	GJ	79	
Seasonal space heating energy efficiency       η <sub>s</sub> %       92         Water heating energy efficiency       η <sub>wh</sub> %       63         Sound power level, indoors       L <sub>WA</sub> dB       -         Indication about ability working only during off-peak hours       No         Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents         Condensing boiler       Yes         Low temperature boiler       No         B1 boiler       No         Cogeneration space heater       No         Combination heater       Yes         Useful heat output       Yes         Useful heat output       W         At 30 % of rated heat output and high temperature regime       P <sub>4</sub> kW       25,10         At 30 % of rated heat output and high temperature regime       P <sub>1</sub> kW       7,80         Useful efficiency       W       4       91,9       91,9         At 30 % of rated heat output and low temperature regime       η <sub>4</sub> %       91,9         At 30 % of rated heat output and low temperature regime       η <sub>1</sub> %       97,8         Auxiliary electricity consumption         At full load       elmax       kW       0,159     <	Annual electricity consumption	AEC	kWh	39	
Water heating energy efficiency       η <sub>wh</sub> %       63         Sound power level, indoors       L <sub>WA</sub> dB       -         Indication about ability working only during off-peak hours       No         Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents         Condensing boiler       Yes         Low temperature boiler       No         B1 boiler       No         Cogeneration space heater       No         Combination heater       Yes         Useful heat output       Yes         Useful heat output and high temperature regime       P4       kW       25,10         At 30 % of rated heat output and low temperature regime       P1       kW       7,80         Useful efficiency       W       4       91,9       97,8         At 730 % of rated heat output and low temperature regime       P4       %       91,9       97,8         At 730 % of rated heat output and low temperature regime       P4       %       91,9       97,8         At 101 load       elmax       kW       0,159       At 101 load       elmax       kW       0,049         In standby mode       P2se       kW       0,002	Annual fuel consumption	AFC	GJ	26	
Sound power level, indoors    Lwa   dB   -     Indication about ability working only during off-peak hours   No     Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents     Condensing boiler   Yes     Low temperature boiler   No     B1 boiler   No     Cogeneration space heater   No     Combination heater   Yes     Useful heat output     At rated heat output and high temperature regime   P4   kW   25,10     At 30 % of rated heat output and low temperature regime   P1   kW   7,80     Useful efficiency     At rated heat output and high temperature regime   Na   91,9     At 30 % of rated heat output and low temperature regime   Na   97,8     Auxiliary electricity consumption     At full load   elmax   kW   0,159     At part load   elmin   kW   0,049     In standby mode   PSB   kW   0,002	Seasonal space heating energy efficiency	$\eta_{\text{S}}$	%	92	
Indication about ability working only during off-peak hours       No         Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents         Condensing boiler       Yes         Low temperature boiler       No         B1 boiler       No         Cogeneration space heater       No         Combination heater       Yes         Useful heat output       Yes         Useful heat output and high temperature regime       P4       kW       25,10         At 30 % of rated heat output and low temperature regime       P1       kW       7,80         Useful efficiency       W       91,9       At rated heat output and high temperature regime       Na       91,9         At 30 % of rated heat output and low temperature regime       Na       91,9       97,8         Auxiliary electricity consumption       At full load       elmax       kW       0,159         At part load       elmin       kW       0,049         In standby mode       PsB       kW       0,002	Water heating energy efficiency	$\eta_{wh}$	%	63	
Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents  Condensing boiler  Low temperature boiler  No B1 boiler  Cogeneration space heater  No Combination heater  Ves  Useful heat output  At rated heat output and high temperature regime  At 30 % of rated heat output and low temperature regime  At rated heat output and high temperature regime  At rated heat output and high temperature regime  The second of rated heat output and low temperature regime  At an and wo for a count of rated heat output and low temperature regime  The second of rated heat output and low temperature regime  The	Sound power level, indoors	L <sub>WA</sub>	dB	-	
Condensing boiler       Yes         Low temperature boiler       No         B1 boiler       No         Cogeneration space heater       No         Combination heater       Yes         Useful heat output         At rated heat output and high temperature regime       P4       kW       25,10         At 30 % of rated heat output and low temperature regime       P1       kW       7,80         Useful efficiency         At rated heat output and high temperature regime       η4       %       91,9         At 30 % of rated heat output and low temperature regime       η1       %       97,8         Auxiliary electricity consumption         At full load       elmax       kW       0,159         At part load       elmin       kW       0,049         In standby mode       P58       kW       0,002	Indication about ability working only during off-peak hours			No	
Low temperature boiler  B1 boiler  Cogeneration space heater  No  Combination heater  Wes  Useful heat output  At rated heat output and high temperature regime  P4 kW 25,10  At 30 % of rated heat output and low temperature regime  P1 kW 7,80  Useful efficiency  At rated heat output and high temperature regime  P1 kW 7,80  At 30 % of rated heat output and low temperature regime  P3 kW 91,9  At 30 % of rated heat output and low temperature regime  R1 W 97,8  Auxiliary electricity consumption  At full load  At part load  elmax kW 0,159  At part load  f lemin kW 0,049  In standby mode  P5 kW 0,002	Special precautions to be taken during assembly, installation or maintenance (if applicable): see product accompanying documents				
B1 boiler  Cogeneration space heater  No  Combination heater  Ves  Useful heat output  At rated heat output and high temperature regime  P4 kW 25,10  At 30 % of rated heat output and low temperature regime  P1 kW 7,80  Useful efficiency  At rated heat output and high temperature regime  T1 kW 7,80  At 30 % of rated heat output and low temperature regime  T2 kW 91,9  At 30 % of rated heat output and low temperature regime  T3 y7,8  Auxiliary electricity consumption  At full load  Elmax kW 0,159  At part load  In standby mode  P5B kW 0,002	Condensing boiler			Yes	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Low temperature boiler			No	
	B1 boiler			No	
Useful heat output         At rated heat output and high temperature regime $P_4$ kW $25,10$ At 30 % of rated heat output and low temperature regime $P_1$ kW $7,80$ Useful efficiency         At rated heat output and high temperature regime $P_4$	Cogeneration space heater			No	
At rated heat output and high temperature regime $P_4$ kW $P_5$ kW $P_6$ $P_6$ kW $P_7$ kW $P_7$ kW $P_8$ $P_8$ kW $P_8$ $P_8$ kW $P_8$ $P_9$ kW $P_9$	Combination heater			Yes	
At 30 % of rated heat output and low temperature regime $P_1  kW  7,80$ Useful efficiency  At rated heat output and high temperature regime $ p_1  kW  91,9 $ At 30 % of rated heat output and low temperature regime $ p_1  kW  91,9 $ At 30 % of rated heat output and low temperature regime $ p_1  kW  91,9 $ Auxiliary electricity consumption  At full load $ p_1  kW  0,159 $ At part load $ p_2  kW  0,049 $ In standby mode $ p_3  kW  0,002 $	Useful heat output				
Useful efficiency         At rated heat output and high temperature regime $\eta_4$ %       91,9         At 30 % of rated heat output and low temperature regime $\eta_1$ %       97,8         Auxiliary electricity consumption       Elmax       kW       0,159         At part load       elmin       kW       0,049         In standby mode $P_{SB}$ kW       0,002	At rated heat output and high temperature regime	$P_4$	kW	25,10	
At rated heat output and high temperature regime $\eta_4$ % 91,9  At 30 % of rated heat output and low temperature regime $\eta_1$ % 97,8  Auxiliary electricity consumption  At full load elmax kW 0,159  At part load elmin kW 0,049  In standby mode $P_{SB}$ kW 0,002	At 30 % of rated heat output and low temperature regime	$P_1$	kW	7,80	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Useful efficiency				
Auxiliary electricity consumption           At full load         elmax         kW         0,159           At part load         elmin         kW         0,049           In standby mode         P <sub>SB</sub> kW         0,002	At rated heat output and high temperature regime	$\eta_4$	%	91,9	
At full load         elmax         kW         0,159           At part load         elmin         kW         0,049           In standby mode         P <sub>SB</sub> kW         0,002	At 30 % of rated heat output and low temperature regime	$\eta_1$	%	97,8	
At part load         elmin         kW         0,049           In standby mode         P <sub>SB</sub> kW         0,002	Auxiliary electricity consumption				
In standby mode P <sub>SB</sub> kW 0,002	At full load	elmax	kW	0,159	
	At part load	elmin	kW	0,049	
Otheritama	In standby mode	P <sub>SB</sub>	kW	0,002	
Other rems	Other items				
Standby heat loss P <sub>stby</sub> kW 0,159	Standby heat loss	P <sub>stby</sub>	kW	0,159	
Ignition burner power consumption P <sub>ign</sub> kW -	Ignition burner power consumption	P <sub>ign</sub>	kW	-	
Emissions of nitrogen oxides (only gas- or oil fired) NO <sub>x</sub> mg/kWh 103	Emissions of nitrogen oxides (only gas- or oil fired)	NO <sub>x</sub>	mg/kWh	103	
Additional data for combination heaters					
Daily electricity consumption (average climate conditions) Q <sub>elec</sub> kWh 0,176	Daily electricity consumption (average climate conditions)	Q <sub>elec</sub>	kWh	0,176	
Daily fuel consumption Q <sub>fuel</sub> kWh 32,834	Daily fuel consumption	$Q_{fuel}$	kWh	32,834	

Further important information for installation, maintenance as well as recycling and/or disposal are provided within the installation and operating manuals. Read and follow the installation and operating manuals.