

## Product datasheet on energy consumption

Greenstar

Highflow 550CDi ErP

7738100591

The following product data complies with the requirements of EU Regulations 811/2013, 812/2013, 813/2013 and 814/2013 as supplement to the Directive 2010/30/EU.

| Productdata  | Symbol      | Unit   | 7738100591 |
|--|-------------|--------|------------|
| Condensing boiler  |             |        | Yes        |
| Combination heater   |             |        | Yes        |
| Rated heat output  | Prated      | kW     | 31         |
| Seasonal space heating energy efficiency                   | $\eta_s$    | %      | 92         |
| Energy Efficiency Class                                    |             |        | A          |
| <b>Useful heat output</b>                                  |             |        |            |
| At rated heat output and high temperature regime           | $P_4$       | kW     | 31,0       |
| At 30 % of rated heat output and low temperature regime    | $P_1$       | kW     | 10,0       |
| <b>Useful efficiency</b>                                   |             |        |            |
| At rated heat output and high temperature regime           | $\eta_4$    | %      | 88,5       |
| At 30 % of rated heat output and low temperature regime    | $\eta_1$    | %      | 97,1       |
| <b>Auxiliary electricity consumption</b>                   |             |        |            |
| At full load   | elmax       | kW     | 0,042      |
| At part load   | elmin       | kW     | 0,018      |
| In standby mode  | $P_{SB}$    | kW     | 0,004      |
| <b>Other items</b>   |             |        |            |
| Standby heat loss  | $P_{stby}$  | kW     | 0,053      |
| Ignition burner power consumption                          | $P_{ign}$   | kW     | 0,000      |
| Emissions of nitrogen oxides (only gas- or oil fired)      | $NO_x$      | mg/kWh | 23         |
| Sound power level, indoors                                 | $L_{WA}$    | dB     | 52         |
| <b>Additional data for combination heaters</b>             |             |        |            |
| Declared load profile                                      |             |        | XL         |
| Water heating energy efficiency                            | $\eta_{wh}$ | %      | 71         |
| Water heating energy efficiency class                      |             |        | B          |
| Daily electricity consumption (average climate conditions) | $Q_{elec}$  | kWh    | 0,357      |
| Annual electricity consumption                             | AEC         | kWh    | 79         |
| Daily fuel consumption                                     | $Q_{fuel}$  | kWh    | 28,047     |
| Annual fuel consumption                                    | AFC         | GJ     | 22         |