

**Product Information** as required by EU regulations No 811/2013 and No 813/2013

**Product Fiche** (according to EU regulation No 811/2013)

|                                                                                    |                                                                                                                                 |                                       |                                 |    |    |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------|----|----|
| (a) Supplier's name or trademark                                                   | BAXI                                                                                                                            |                                       |                                 |    |    |
| (b) Supplier's model identifier                                                    | Luna Classic 24 INT-A                                                                                                           |                                       |                                 |    |    |
| (c) Space heating: medium temperature application                                  | 1                                                                                                                               | Water heating: declared load profile  |                                 |    | XL |
| (d) Seasonal space heating energy efficiency class                                 | A                                                                                                                               | Water heating energy efficiency class |                                 |    | A  |
| (e) Rated heat output, including the rated heat output of any supplementary heater | 20                                                                                                                              | kW                                    |                                 |    |    |
| (f) Space heating: annual energy consumption                                       | 16,945                                                                                                                          | kWh                                   | and/ or                         | 61 | GJ |
| Water heating: annual electricity and/ or fuel consumption                         | 33                                                                                                                              | kWh                                   | and/ or                         | 17 | GJ |
| (g) Seasonal space heating energy efficiency                                       | 94                                                                                                                              | %                                     | water heating energy efficiency | 88 | %  |
| (h) Sound power level, indoors                                                     | 49                                                                                                                              | dB(A)                                 |                                 |    |    |
| (i) Combination heater is able to work only during off-peak hours                  | no                                                                                                                              |                                       |                                 |    |    |
| (j) Specific precautions for assembly, installation and maintenance                | Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed |                                       |                                 |    |    |

**Product Information Requirements** (according to EU regulation No 813/2013)

|                             |                       |                                              |  |
|-----------------------------|-----------------------|----------------------------------------------|--|
| Model                       | Luna Classic 24 INT-A |                                              |  |
| Condensing boiler           | yes                   |                                              |  |
| Low-temperature (**) boiler | no                    |                                              |  |
| B1 boiler                   | no                    |                                              |  |
| Cogeneration space heater   | no                    | If yes, equipped with a supplementary heater |  |
| Combination heater          | yes                   |                                              |  |

| Item                                                                           | Symbol        | Value | Unit | Item                                                                          | Symbol      | Value | Unit   |
|--------------------------------------------------------------------------------|---------------|-------|------|-------------------------------------------------------------------------------|-------------|-------|--------|
| <b>Rated heat output</b>                                                       | <i>Prated</i> | 20    | kW   | <b>Seasonal space heating energy efficiency</b>                               | $\eta_s$    | 94    | %      |
| For boiler space heaters and boiler combination heaters:<br>Useful heat output |               |       |      | For boiler space heaters and boiler combination heaters:<br>Useful efficiency |             |       |        |
| At rated heat output and high-temperature regime (*)                           | $P_4$         | 20    | kW   | At rated heat output and high-temperature regime (*)                          | $\eta_4$    | 88.2  | %      |
| At 30 % of rated heat output and low-temperature regime (**)                   | $P_1$         | 6.7   | kW   | At 30 % of rated heat output and low-temperature regime (**)                  | $\eta_1$    | 99    | %      |
|                                                                                |               |       |      | Supplementary heater                                                          |             |       |        |
|                                                                                |               |       |      | Rated heat output                                                             | $P_{sup}$   | 0     | kW     |
|                                                                                |               |       |      | Type of energy input                                                          |             |       |        |
| Auxiliary electricity consumption                                              |               |       |      | Other items                                                                   |             |       |        |
| At full load                                                                   | $el_{max}$    | 0.027 | kW   | Standby heat loss                                                             | $P_{stby}$  | 0.04  | kW     |
| At part load                                                                   | $el_{min}$    | 0.012 | kW   | Ignition burner power consumption                                             | $P_{ign}$   | 0     | kW     |
| In standby mode                                                                | $P_{SB}$      | 0.004 | kW   | Emission of nitrogen oxides                                                   | $NO_x$      | 32    | mg/kWh |
| <b>For combination heaters:</b>                                                |               |       |      | <b>water heating energy efficiency</b>                                        |             |       |        |
| <b>Declared load profile</b>                                                   | XL            |       |      |                                                                               | $\eta_{wh}$ | 88    | %      |
| Daily electricity consumption                                                  | $Q_{elec}$    | 0.152 | kWh  | Daily fuel consumption                                                        | $Q_{fuel}$  | 21.82 | kWh    |
| Contact details                                                                | BAXI, BAXI    |       |      |                                                                               |             |       |        |

(\*) High-temperature regime means 60 °C return temperature at heater inlet and 80 °C feed temperature at heater outlet.  
(\*\*) Low-temperature means for condensing boilers 30 °C, for low-temperature boilers 37 °C and for other heaters 50 °C return temperature (at heater inlet).

**Specific precautions that shall be taken when the space heater is assembled, installed or maintained/ information relevant for disassembly, recycling and/or disposal at end-of-life**

Before any assembly, installation or maintenance the user and installation manual has to be read attentively and to be followed.  
Before disassembly, recycling and/or disposal at end-of-life the user and installation manual has to be read attentively and to be followed.

**For type B1 boiler and type B1 combination boiler:**

This natural draught boiler is intended to be connected only to a flue shared between multiple dwellings in existing buildings that evacuates the residues of combustion to the outside of the room containing the boiler. It draws the combustion air directly from the room and incorporates a draught diverter. Due to lower efficiency, any other use of this boiler shall be avoided and would result in higher energy consumption and higher operating costs.