

| Model identifier                                                                                                                                                                            | BOX 20 52                                                                   |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------|------------------------------------------------------------------------------------|------------------------------------------------------------------|-----------------|-----------------|----------------------------------------------------------------------------------------|------|--------|-----------------|
| Equivalent models                                                                                                                                                                           | N/A                                                                         |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Indirect heating function                                                                                                                                                                   | No                                                                          |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Direct heat output                                                                                                                                                                          | 9.2 kW                                                                      |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Indirect heat output                                                                                                                                                                        | - kW                                                                        |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Fuel                                                                                                                                                                                        | Preferred fuel (only one)                                                   | Other suitable fuel(s) | Emissions at nominal heat output (*)<br>[mg/Nm <sup>3</sup> (13 % O <sub>2</sub> ) |                                                                  |                 |                 | Emissions at minimum heat output (*)(**)<br>[mg/Nm <sup>3</sup> (13 % O <sub>2</sub> ) |      |        |                 |
|                                                                                                                                                                                             |                                                                             |                        | PM                                                                                 | OGC                                                              | CO              | NO <sub>x</sub> | PM                                                                                     | OGC  | CO     | NO <sub>x</sub> |
| Wood logs, moisture content < 25 %                                                                                                                                                          | yes                                                                         | no                     | 34                                                                                 | 58                                                               | 716             | 74              | N.A.                                                                                   | N.A. | N.A.   | N.A.            |
| Compressed wood, moisture content < 12 %                                                                                                                                                    | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Other woody biomass                                                                                                                                                                         | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Non-woody biomass                                                                                                                                                                           | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Anthracite and dry steam coal                                                                                                                                                               | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Hard coke                                                                                                                                                                                   | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Low temperature coke                                                                                                                                                                        | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Bituminous coal                                                                                                                                                                             | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Lignite briquettes                                                                                                                                                                          | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Peat briquettes                                                                                                                                                                             | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Blended fossil fuel briquettes                                                                                                                                                              | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Other fossil fuel                                                                                                                                                                           | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Blended biomass and fossil fuel briquettes                                                                                                                                                  | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Other blend of biomass and solid fuel                                                                                                                                                       | no                                                                          | no                     |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| <b>Characteristics when operating with the preferred fuel</b>                                                                                                                               |                                                                             |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Seasonal space heating efficiency $\eta_s$ [%]                                                                                                                                              | 68                                                                          |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Energy efficiency index (EEI)                                                                                                                                                               | 103                                                                         |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Item                                                                                                                                                                                        | Symbol                                                                      | Value                  | Unit                                                                               | Item                                                             | Symbol          | Value           | Unit                                                                                   | Item | Symbol | Value           |
| <b>Heat output</b>                                                                                                                                                                          |                                                                             |                        |                                                                                    | <b>Useful efficiency (NCV as received)</b>                       |                 |                 |                                                                                        |      |        |                 |
| Nominal heat output                                                                                                                                                                         | P <sub>nom</sub>                                                            | 9.2                    | kW                                                                                 | Useful efficiency at nominal heat output                         | $\eta_{th,nom}$ | 77.6            | %                                                                                      |      |        |                 |
| Minimum heat output (indicative)                                                                                                                                                            | P <sub>min</sub>                                                            | N.A.                   | kW                                                                                 | Useful efficiency at minimum heat output (indicative)            | $\eta_{th,min}$ | N.A.            | %                                                                                      |      |        |                 |
| <b>Auxiliary power consumption</b>                                                                                                                                                          |                                                                             |                        |                                                                                    | <b>Type of heat output/room temperature control (select one)</b> |                 |                 |                                                                                        |      |        |                 |
| At nominal heat output                                                                                                                                                                      | e <sub>l,max</sub>                                                          | N.A.                   | kW                                                                                 | Single-stage heat output, no room temperature control            |                 |                 |                                                                                        |      |        | yes             |
| At minimum heat output                                                                                                                                                                      | e <sub>l,min</sub>                                                          | N.A.                   | kW                                                                                 | Two or more manual stages, no room temperature control           |                 |                 |                                                                                        |      |        | no              |
| In standby mode                                                                                                                                                                             | e <sub>l,sb</sub>                                                           | N.A.                   | kW                                                                                 | With mechanic thermostat room temperature control                |                 |                 |                                                                                        |      |        | no              |
| <b>Permanent pilot flame power requirement</b>                                                                                                                                              |                                                                             |                        |                                                                                    | With electronic room temperature control                         |                 |                 |                                                                                        |      |        | no              |
| Pilot flame power requirement (if applicable)                                                                                                                                               | P <sub>pilot</sub>                                                          | N.A.                   | kW                                                                                 | With electronic room temperature control plus day timer          |                 |                 |                                                                                        |      |        | no              |
|                                                                                                                                                                                             |                                                                             |                        |                                                                                    | With electronic room temperature control plus week timer         |                 |                 |                                                                                        |      |        | no              |
|                                                                                                                                                                                             |                                                                             |                        |                                                                                    | <b>Other control options (multiple selection possible)</b>       |                 |                 |                                                                                        |      |        |                 |
|                                                                                                                                                                                             |                                                                             |                        |                                                                                    | Room temperature control, with presence detection                |                 |                 |                                                                                        |      |        | no              |
|                                                                                                                                                                                             |                                                                             |                        |                                                                                    | Room temperature control, with open window detection             |                 |                 |                                                                                        |      |        | no              |
|                                                                                                                                                                                             |                                                                             |                        |                                                                                    | With distance control option                                     |                 |                 |                                                                                        |      |        | no              |
| Contact details                                                                                                                                                                             | Barbas Bellfires BV<br>Hallenstraat 17<br>5531 AB BLADEL<br>The Netherlands |                        |                                                                                    |                                                                  | www.barbas.com  |                 |                                                                                        |      |        |                 |
| (*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO <sub>x</sub> = nitrogen oxides<br>(**) Only required if correction factors F(2) or F(3) are applied. |                                                                             |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Signed for and on behalf of the manufacturer by:<br>Danny Baijens, CEO                                                                                                                      |                                                                             |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |
| Bladel; 13 October 2025                                                                                                                                                                     |                                                                             |                        |                                                                                    |                                                                  |                 |                 |                                                                                        |      |        |                 |