

| Manufacturer                                              |           |                                             |                     |       | Barbas BV, Hallenstraat 17, 5531 AB Bladel, The Netherlands        |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|-----------------------------------------------------------|-----------|---------------------------------------------|---------------------|-------|--------------------------------------------------------------------|---------------------|-------|------|------------------------------------------|-------|------|-------------------------------------------------------|-------|------|------------------------------------------|-------|------|
| Product name                                              |           |                                             |                     |       | Barbas                                                             |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Model identifier                                          |           |                                             |                     |       | Gas Fire Front 120-55 PF 2                                         |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Equivalent models                                         |           |                                             |                     |       | N/A                                                                |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Test report nr.                                           |           |                                             |                     |       | 200601986 by KIWA Nederland BV                                     |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Harmonised European standards                             |           |                                             |                     |       | EN 613:2021                                                        |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Indirect heating functionality                            |           |                                             |                     |       | no                                                                 |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Fuel type                                                 |           |                                             |                     |       | gaseous                                                            |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Minimum permissible total flue duct length                |           |                                             |                     |       | 1,5 meter vertical - 90° bend - 0,6 meter horizontal wall terminal |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Energy Efficiency Index (EEI) - [(EU)2015/1186]           |           |                                             |                     |       | 90                                                                 |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Fuel                                                      | Fuel type | Nitrogen oxides (NO <sub>x</sub> ) emission | Heat output         |       |                                                                    |                     |       |      | Efficiency (NCV)                         |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           |                                             | Nominal heat output |       |                                                                    | Minimum heat output |       |      | Useful efficiency at nominal heat output |       |      | Useful efficiency at minimum heat output (indicative) |       |      | Seasonal space heating energy efficiency |       |      |
|                                                           |           | [mg/kWh <sub>input</sub> ] (GCV)            | Symbol              | Value | Unit                                                               | Symbol              | Value | Unit | Symbol                                   | Value | Unit | Symbol                                                | Value | Unit | Symbol                                   | Value | Unit |
| High calorific natural gas                                | G20       | 95                                          | P <sub>nom</sub>    | 8,7   | kW                                                                 | P <sub>min</sub>    | 3,1   | kW   | η <sub>th,nom</sub>                      | 77,3  | %    | η <sub>th,min</sub>                                   | 67,3  | %    | η <sub>s</sub>                           | 73,2  | %    |
| Low calorific natural gas                                 | G25       | 102                                         | P <sub>nom</sub>    | 8,4   | kW                                                                 | P <sub>min</sub>    | 2,5   | kW   | η <sub>th,nom</sub>                      | 77,8  | %    | η <sub>th,min</sub>                                   | 57,8  | %    | η <sub>s</sub>                           | 73,6  | %    |
| Butane 30/37/50 mbar                                      | G30       | 120                                         | P <sub>nom</sub>    | 8,7   | kW                                                                 | P <sub>min</sub>    | 3,0   | kW   | η <sub>th,nom</sub>                      | 77,3  | %    | η <sub>th,min</sub>                                   | 67,3  | %    | η <sub>s</sub>                           | 73,5  | %    |
| Propane 30/37/50 mbar                                     | G31       | 120                                         | P <sub>nom</sub>    | 7,5   | kW                                                                 | P <sub>min</sub>    | 2,5   | kW   | η <sub>th,nom</sub>                      | 75,8  | %    | η <sub>th,min</sub>                                   | 65,8  | %    | η <sub>s</sub>                           | 72,0  | %    |
| Butane 28-30 mbar                                         | G30       | 120                                         | P <sub>nom</sub>    | 8,7   | kW                                                                 | P <sub>min</sub>    | 3,0   | kW   | η <sub>th,nom</sub>                      | 77,3  | %    | η <sub>th,min</sub>                                   | 67,3  | %    | η <sub>s</sub>                           | 73,5  | %    |
| Propane 37 mbar                                           | G31       | 120                                         | P <sub>nom</sub>    | 8,4   | kW                                                                 | P <sub>min</sub>    | 2,9   | kW   | η <sub>th,nom</sub>                      | 77,8  | %    | η <sub>th,min</sub>                                   | 67,8  | %    | η <sub>s</sub>                           | 73,9  | %    |
|                                                           |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Auxiliary power consumption                               |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           | Symbol                                      | Value               | Unit  |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| At nominal heat output                                    |           | e <sub>lmax</sub>                           | 0,075               | kW    |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| At minimum heat output                                    |           | e <sub>lmin</sub>                           | 0,0003              | kW    |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Power consumption                                         |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           | Symbol                                      | Value               | Unit  |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| In off-mode                                               |           | P <sub>0</sub>                              | 0                   | W     |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| In standby mode                                           |           | P <sub>sm</sub>                             | 0,3                 | W     |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| In idle mode                                              |           | P <sub>idle</sub>                           | 0                   | W     |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| In networked standby mode                                 |           | P <sub>nsm</sub>                            | 0,3                 | W     |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Standby mode with display of information or status        |           | No                                          |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Permanent pilot flame power requirement                   |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           | Symbol                                      | Value               | Unit  |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Pilot flame power requirement (if applicable)             |           | P <sub>pilot</sub>                          | N/A                 | kW    |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
|                                                           |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| Type of heat output/room temperature control (select one) |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| single stage heat output, no room temperature control     |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| two or more manual stages, no room temperature control    |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| mechanic thermostat room temperature control              |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| electronic room temperature control                       |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| electronic room temperature control plus day timer        |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| electronic room temperature control plus week timer       |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | yes                                      |       |      |
| Other control options (multiple sections possible)        |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      |                                          |       |      |
| room temperature control, with presence detection         |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| room temperature control, with open window detection      |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| distance control option                                   |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | yes                                      |       |      |
| adaptive start control                                    |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| working time limitation                                   |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| with black bulb sensor                                    |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | no                                       |       |      |
| Self-learning functionality                               |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | yes                                      |       |      |
| control accuracy                                          |           |                                             |                     |       |                                                                    |                     |       |      |                                          |       |      |                                                       |       |      | yes                                      |       |      |