

**Product specification Global 55XT BF RCE\*)**



|                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |                |                                           |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|-------------------------------------------|
| Name                                     | Global 55XT BF RCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |                |                                           |
| Description                              | Balanced flue gas fire. Built in fire with frontal fire view, minimal frame, minor depth. Several interiors available. Anti-reflective glass (Clear View) optionally. Robust wood logs.                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                 |                |                                           |
| Purpose                                  | Balanced flue fire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |                |                                           |
| Type of appliance                        | Built in fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                 |                |                                           |
| Type of combustion                       | Closed combustion (C <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                 |                |                                           |
| Gas                                      | Natural gas G20, G25.3, G25 and G31. Conversion from natural gas to propane, vice versa, not possible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                |                                           |
| Flame picture                            | Yellow log fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |                |                                           |
| Sizes                                    | Engine                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WxHxD = 582 x 858...878 x 340mm<br>Height including flue spigot |                |                                           |
|                                          | Build in frame:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | WxH = 487x 521mm                                                |                |                                           |
|                                          | Bottom of built in frame:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | min. 179mm                                                      |                |                                           |
| Flue spigot                              | Ø150/100mm, top side, middle of flue fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |                |                                           |
| Removal of combustion products           | Natural draught. Powervent® not possible.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                 |                |                                           |
| Flueing possibilities with wall terminal | gas                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | min. vertical                                                   | max. horizont. | notes                                     |
|                                          | natural gas and propane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0,8m                                                            | 4m             |                                           |
|                                          | natural gas and propane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0m                                                              | 0m             | bend direct after fluefire, wall terminal |
| Removal of heat                          | Natural convection. The chimney breast must be ventilated sufficiently.<br>Outgoing air: >200cm <sup>2</sup><br>Ingoing air: >100cm <sup>2</sup> If a Dru control hatch is used a separate opening for ingoing air is not needed.                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |                |                                           |
| Control                                  | Mertik GV60 system. Either manual or thermostatic modulating control, by means of temperature sensor on RC control, (adjustable on hand held set). Remote includes clock function with day program (on/off twice a day) and automatic night set back.                                                                                                                                                                                                                                                                                                                                                   |                                                                 |                |                                           |
| Operation                                | Radiographic remote control 433MHz, battery operated (sender 1x9V, receiver 4x battery AA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |                |                                           |
| Ignition                                 | Electronic ignition on pilot burner                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                 |                |                                           |
| Electrical connection                    | No 230VAC connection needed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                |                                           |
| Gas connection                           | 3/8" female (extra straight connector 3/8" male/Ø15mm with compression nut supplied in carton box)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |                |                                           |
| Safety                                   | <ul style="list-style-type: none"> <li>- Second thermocouple checks ignition and cross lighting of main burner</li> <li>- Explosion hatches</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                |                                           |
| Accessories and options                  | <ul style="list-style-type: none"> <li>- Control hatch</li> <li>- Mains adapter 230VAC to 6VDC</li> <li>- Connection cable house management system for Mertik GV60</li> <li>- Anti-reflective glass optionally</li> <li>- Extension legs</li> </ul>                                                                                                                                                                                                                                                                                                                                                     |                                                                 |                |                                           |
| Weight                                   | 69kg (90kg including packaging)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                 |                |                                           |
| Special features                         | <ul style="list-style-type: none"> <li>- Including: wood logs, black chips, vermiculite, glowing wool, remote control, batteries, socket wrench M8 (for glass window).</li> <li>- Flue fire including adjustable legs. Extension legs optionally.</li> <li>- Gas control to be placed in control hatch, to be ordered separately.</li> <li>- Perfect log flame effect, created by the Global Truflame Burner®</li> <li>- Maximum distance control hatch to the side of the appliance approximately 83cm. Appliance is prepared with a flexible gastube of ±100cm from gas control to burner.</li> </ul> |                                                                 |                |                                           |
| CE-ID (PIN)                              | PIN 0063CS3334                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                 |                |                                           |

\*) Consult installation manual for the details.

| <b>Gas type:</b>                                     | <b>G25</b> | <b>G25.3</b> | <b>G20</b> | <b>G31</b> | <b>Unit</b> |
|------------------------------------------------------|------------|--------------|------------|------------|-------------|
| Maximum output                                       | 4,3        | 4,3          | 4,6        | 4,4        | kW          |
| Minimum output                                       | 2,4        | 2,4          | 2,6        | 3,1        | kW          |
| Input rating (Hs)                                    | 5,8        | 5,8          | 6,1        | 5,9        | kW          |
| Gas usage high                                       | 623        | 623          | 586        | 216        | l/h         |
| Gas usage low                                        | 369        | 369          | 350        | 158        | l/h         |
| Fluegas Temperature (12m vertical or testflue EN613) | 313        | 313          | 321        | 302        | °C          |
| CO2-max (12m vertical or testflue EN613)             | 2,55       | 2,55         | 2,65       | 2,80       | %           |
| Fluegas flow (12m vertical or testflue EN613)        | 8,40       | 8,22         | 7,91       | 8,39       | gr/sec      |
| Min. draught required                                | 5          | 5            | 5          | 5          | Pa          |
| Efficiency class (acc to EN613)                      | 1          | 1            | 1          | 1          |             |
| NOx class (acc to EN613)                             | 5          | 5            | 5          | 5          |             |
| Efficiency (system efficiency)                       | 93,6       | 93,6         | 92,6       | 91,2       | %           |
| Energy Efficiency Index                              | 93,6       | 93,6         | 92,6       | 91,2       |             |
| Energie Efficiency Class                             | <b>A</b>   | <b>A</b>     | <b>A</b>   | <b>A</b>   |             |

#### Modification overview

| Date       | Nature of modification                     |
|------------|--------------------------------------------|
| 01-09-2018 | New specification                          |
| 10-09-2018 | Flue gas configuration wall terminal added |
| 06-06-2019 | Update of gas technical specifications     |
|            |                                            |
|            |                                            |
|            |                                            |