



designed to be different

**Product specification Lugo 70**

|  |   |   |  |             |
|--|---|---|--|-------------|
| Name                                     | Lugo 70/2   | two sided   |  |             |
|  | Lugo 70/3   | three sided   |  |             |
| Description                              | Lugo 70/2   | Balanced flue build in gas fire. Two sided fire view. Minimal frame. Several interiors available. Robust wood logs. |  |             |
|  | Lugo 70/3   | As Lugo 70/2, but with three sided fire view.   |  |             |
| Purpose                                  | Balanced flue fire  |   |  |             |
| Type of appliance                        | Build 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 or G25 and propane G31   |   |  |             |
| Flame picture                            | Yellow log fire   |   |  |             |
| Input rating (H <sub>s</sub> )           | G25.3: 8.9kW  | G25.3: 8.9kW  | G20 9.4kW  | G31 8.8W    |
| Max output                               | 6.5kW   | 6.5kW   | 6.9kW  | 6.3kW       |
| Output range                             | 3.0 – 6.5kW   | 3.0 – 6.5kW   | 3.5 – 6.9.kW   | 3.1 - 6.3kW |
| Gas usage high                           | 962 l/h   | 962 l/h   | 895 l/h  | 320 l/h     |
| Gas usage low                            | 447 l/h   | 447 l/h   | 460 l/h  | 168 l/h     |
| Flue gas flow rate                       | 6,0gr/sec   | 6,0gr/sec   | 5,9gr/sec  | 5,5gr/sec   |
| Flue gas temperature                     | 388°C   | 388°C   | 400°C  | 377°C       |
| CO <sub>2</sub> -max                     | 5,05%   | 5,05%   | 5,4%   | 5,4%        |
| Min. draught required                    | 5Pa   | 5Pa   | 5Pa  | P5a         |
| Efficiency class                         | 2   | 2   | 2  | 2           |
| Energy label                             | B   |   |  |             |
| CE-ID (PIN)                              | 0063CO3529  |   |  |             |
| Sizes                                    | Lugo 70/2   | Engine:<br>Build in plaster trim:   | WxHxD = 776x745 ... 765x400mm<br>WxHxD = 698x448x323mm |             |
|  | Lugo 70/3   | Engine:<br>Build in plaster trim:   | WxHxD = 787x745 ... 765x400mm<br>WxHxD = 751x448x323mm |             |
|  | (height excluding flue spigot)<br>Bottom of build in frame: min. 165mm  |   |  |             |
| Flue spigot                              | Ø150/100mm  |   |  |             |
| Removal of combustion products           | Natural draught. Powervent® possible.   |   |  |             |
| Flueing possibilities with wall terminal | gas   | min. vertical   | max. horizont  | notes       |
|  | natural gas   | 1.0m  | 3.0m   |             |
|  | propane   | NNY   | NNY  |             |
| Removal of heat                          | Natural convection. Breast ventilation mandatory (>200cm <sup>2</sup> ).  |   |  |             |
| Control                                  | Honeywell ESYS-02 system.<br>Control options: manual or thermostatic.<br>Clock program (week program) with 6 switch points per day.   |   |  |             |
| Operation                                | <ul style="list-style-type: none"> <li>- Radiographic remote control 866MHz, battery operated (2x battery AA). Two way communication. Reading out of fault codes and fault history. Or:</li> <li>- Wireless via tablet (Android or iOS) + app and WIFI, or</li> <li>- Wired, with house management system</li> </ul>  |   |  |             |
| Ignition                                 | Electronic ignition on main burner. No pilot burner.  |   |  |             |
| Electrical connection                    | 230VAC with earth connection  |   |  |             |
| Gas connection                           | Ø15 fitting with compression nut (adapter supplied in carton box)   |   |  |             |
| Safety                                   | <ul style="list-style-type: none"> <li>- Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner.</li> <li>- Explosion hatches</li> </ul>  |   |  |             |
| Accessories and options                  | <ul style="list-style-type: none"> <li>- PowerVent</li> <li>- Iron lintel</li> <li>- Control hatch with a lock (needed for safety reasons when installed in a breast)</li> <li>- Set of support brackets for a plateau</li> <li>- Extension legs (not necessary if the appliance is hung)</li> <li>- Communication module (needed for external operation via tablet or domotics)</li> </ul> |   |  |             |
| Weight                                   | 84kg  |   |  |             |
| Including                                | Lugo 70/2+3: Wood logs, remote control, batteries, socket wrench no 8 (removing front glass pane), connector 3/8" male/Ø15  |   |  |             |



**designed to be different**

|  |  |
|--|--|
|  | compression nut, and mains wire + plug (EU and UK) L=150cm<br>Wall fixation strip + 4 wedge bolts.<br>Lugo 70/2: in addition: allen key 2.5 + suction cup to remove front glass pane |
|--|--|



designed to be different

|                  |  |
|------------------|--|
| Special features | <ul style="list-style-type: none"><li>- Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames.</li><li>- Supports for plateau adjustable in height:<ul style="list-style-type: none"><li>- highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thickness &gt; 30mm possible.</li><li>- Plateau goes till the glass and is supported by the adjustable brackets. Plateau thickness <math>\leq</math>30mm. Decorative strip is not used.</li></ul></li><li>- Appliance can be hung on wall. Extension legs not necessary then (though possible).</li></ul> |
|------------------|--|

#### Modification review

| Date       | Nature of modification |
|------------|------------------------|
| 25-10-2013 | New specification      |
| 24-04-2014 | Propane added          |
|            |                        |