



designed to be different

Product specification Lugo 80

| Name | Lugo 80/2 two sided Lugo 80/3 three sided | | | | | | | | | | | | |
|--|---|-----------------|---------------|-----------------|-------|-------------|------|------|--|---------|-----|-----|--|
| Description | Lugo 80/2 Balanced flue build in gas fire. Two sided fire view. Minimal frame. Several interiors available. Robust wood logs. Lugo 80/3 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 ₁₁ C ₃₁ C ₉₁) | | | | | | | | | | | | |
| Gas | Natural gas G20, G25.3 or G25 and propane G31 | | | | | | | | | | | | |
| Flame picture | Yellow log fire | | | | | | | | | | | | |
| Input rating (H _s) | G25.3: 8.9kW | | | | | | | | | | | | |
| Max output | 6.5kW | | | | | | | | | | | | |
| Output range | 3.0 – 6.5kW | | | | | | | | | | | | |
| Gas usage high | 962 l/h | | | | | | | | | | | | |
| Gas usage low | 447 l/h | | | | | | | | | | | | |
| Flue gas flow rate | 6,0gr/sec | | | | | | | | | | | | |
| Flue gas temperature | 388°C | | | | | | | | | | | | |
| CO ₂ -max | 5,05% | | | | | | | | | | | | |
| Min. draught required | 5Pa | | | | | | | | | | | | |
| Efficiency class | 2 | | | | | | | | | | | | |
| Energy label | B | | | | | | | | | | | | |
| CE-ID (PIN) | 0063CO3529 | | | | | | | | | | | | |
| Sizes | Lugo 80/2 Engine: WxHxD = 881x745 ... 765x460mm Build in plaster trim: WxHxD = 803x448x383mm Lugo 80/3 Engine: WxHxD = 892x745 ... 765x460mm Build in plaster trim: WxHxD = 856x448x383mm (height excluding flue spigot) Bottom of build in frame: min. 165mm | | | | | | | | | | | | |
| Flue spigot | Ø150/100mm | | | | | | | | | | | | |
| Removal of combustion products | Natural draught. Powervent® possible. | | | | | | | | | | | | |
| Flueing possibilities with wall terminal | <table border="1"> <thead> <tr> <th>gas</th> <th>min. vertical</th> <th>max. horizontal</th> <th>notes</th> </tr> </thead> <tbody> <tr> <td>natural gas</td> <td>1.0m</td> <td>3.0m</td> <td></td> </tr> <tr> <td>propane</td> <td>NNY</td> <td>NNY</td> <td></td> </tr> </tbody> </table> | gas | min. vertical | max. horizontal | notes | natural gas | 1.0m | 3.0m | | propane | NNY | NNY | |
| gas | min. vertical | max. horizontal | notes | | | | | | | | | | |
| natural gas | 1.0m | 3.0m | | | | | | | | | | | |
| propane | NNY | NNY | | | | | | | | | | | |
| Removal of heat | Natural convection. Breast ventilation mandatory (>200cm ²). | | | | | | | | | | | | |
| Control | Honeywell ESYS-02 system. Control options: manual or thermostatic. Clock program (week program) with 6 switch points per day. | | | | | | | | | | | | |
| Operation | - Radiographic remote control 866MHz, battery operated (2x battery AA). Two way communication. Reading out of fault codes and fault history. Or: - Wireless via tablet (Android or iOS) + app and WIFI, or - Wired, with house management system | | | | | | | | | | | | |
| Ignition | Electronic ignition on main burner. No pilot burner. | | | | | | | | | | | | |
| Electrical connection | 230VAC | | | | | | | | | | | | |
| Gas connection | Ø15 fitting with compression nut (adapter supplied in carton box) | | | | | | | | | | | | |
| Safety | - Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion hatches | | | | | | | | | | | | |
| Accessories and options | - PowerVent - Set of support brackets for a plateau | | | | | | | | | | | | |
| Weight | 95kg | | | | | | | | | | | | |
| Including | Lugo 80/2+3: Wood logs, remote control, batteries, socket wrench no 8 (removing front glass pane), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm Wall fixation strip + 4 wedge bolts. Lugo 80/2: in addition: allen key 2.5 + suction cup to remove front glass pane | | | | | | | | | | | | |
| Special features | - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - Supports for plateau adjustable in height: - highest position: hole in plateau covered by decorative strip. Hole | | | | | | | | | | | | |



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| | <p>needs not to be sawed/finished neatly. Plateau thickness > 30mm possible.</p> <ul style="list-style-type: none">- Plateau goes till the glass and is supported by the adjustable brackets. Plateau thickness ≤ 30mm. Decorative strip is not used.- Appliance can be hung on wall. Extension legs not necessary (though possible). |
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Modification review

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