

## Product specification Excellence 50XT

Name	Excellence 50XT			
Description	Balanced flue build in gas fire. Frontal fire view, minimal frame, minor depth. Double burner system. High flame picture with relatively low in/output. Several interiors available. Robust wood logs, options natural (oaken) and white (birch wood).			
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 G25.3, G25 and G20			
Flame picture	Yellow log fire with wood logs			
Input rating (H <sub>s</sub> )	G25.3: 10.0kW	G25.3: 10.0kW	G20: 11.0kW	
Max output	7.0kW	7.0kW	7.9kW	
Output range	2.5 – 7.0 kW	2.5 – 7.0 kW	2.8 – 7.9 kW	
Gas usage high	1097 l/h	1097 l/h	1048 l/h	
Gas usage low	394 l/h	394 l/h	368 l/h	
Flue gas flow rate	7,5gr/sec	7,5gr/sec	8,9gr/sec	
Flue gas temperature	4,50%	4,50%	345°C	
CO <sub>2</sub> -max	335°C	335°C	4,20%	
Min. draught required	5Pa.	5Pa	5Pa	
Efficiency class	2	2	2	
Energy label	B			
CE-ID (PIN)	0063CN3002			
Sizes	Engine WxHxD = 680x1412...1432x360		Height excluding wall mounting brackets and flue spigot	
	Build in frame WxH = 514x1009mm Bottom of build in frame: min. 163mm			
Flue spigot	Ø150/100mm, top side			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	0.0m	1m	90° bend directly on appliance: wall terminal may directly be connected to bend
		0.5m	3m	
propane	n.a.	n.a.		
Removal of heat	Breast ventilation mandatory (>200cm <sup>2</sup> ).			
Control	Honeywell ESYS-02 system. Control options: manual or thermostatic. 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.			
Electrical connection	230VAC			
Gas connection	Ø15mm with compression nut			
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	- PowerVent			
Weight	120kg			
Including	Control hatch, wood logs, remote control, batteries, socket wrench no 8 (for glass window), and mains wire + plug (EU and UK) L=150cm.			
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>- Double vario-burner© system with the burners at different levels, giving relatively high flames at a relative low input/output.</li> </ul>			

	<p>Rear burner can be switched off, lowest output is then:</p> <ul style="list-style-type: none"> <li>- ca. 1.6kW (G25, front burner in low setting)</li> <li>- ca. 2.0kW (G20, front burner in low setting)</li> </ul> <p>(modulation depth &lt; 25%)</p> <ul style="list-style-type: none"> <li>- Glass window Slimline 2</li> <li>- Adjustable legs.</li> </ul>
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**Modification overview**

Date	Nature of modification
17-07-2012	New specification.
11-12-2012	Flueing possibilities with wall terminal and PowerVent added
12-11-2013	Production week 2013-48 and later with ESYS-02 control system