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Product specification Excellence 50XT *)



Model 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 ₁₁ C ₃₁ C ₉₁)			
Gas	Natural gas G25.3, G25 and G20			
Flame picture	Yellow log fire with wood logs			
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 ²).			
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"> - 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.			
Electrical connection	230VAC			
Gas connection	Ø15mm with compression nut			
Safety	<ul style="list-style-type: none"> - Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion hatches 			
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"> - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - Double vario-burner© system with the burners at different levels, giving relatively high flames at a relative low input/output. Rear burner can be switched off, lowest output is then: <ul style="list-style-type: none"> - ca. 1.6kW (G25, front burner in low setting) - ca. 2.0kW (G20, front burner in low setting) (modulation depth < 25%) - Glass window Slimline 2 - Adjustable legs. 			
CE-ID (PIN)	0063CN3002			



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*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	Unit
Maximum output	7,5	7,5	7,9	kW
Minimum output	1,9	1,9	2,3	kW
Input rating (Hs)	10,7	10,7	11,0	kW
Gas usage high	1151	1151	1048	l/h
Gas usage low	537	537	368	l/h
Fluegas Temperature (12m vertical or testflue EN613)	335	335	345	°C
CO2 (12m vertical or testflue EN613)	4,50	4,50	4,20	%
Fluegas flow (12m vertical or testflue EN613)	7,93	7,93	8,91	gr/sec
Min. draught required	5	5	5	Pa
Efficiency class (acc to EN613)	1	1	1	
NOx class (acc to EN613)	4	4	4	
Efficiency (system efficiency)	86,8	86,8	87,0	%
Energy Efficiency Index	86	86	86	
Energie Efficiency Class	B	B	B	

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
26-10-2017	Update of gas technical specifications