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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 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	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 ₂ -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: Build in plaster trim:	WxHxD = 776x745 ... 765x400mm WxHxD = 698x448x323mm	
	Lugo 70/3	Engine: Build in plaster trim:	WxHxD = 787x745 ... 765x400mm WxHxD = 751x448x323mm	
	(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	gas	min. vertical	max. horizont	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	<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 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"> - Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion hatches 			
Accessories and options	<ul style="list-style-type: none"> - PowerVent - Iron lintel - Control hatch with a lock (needed for safety reasons when installed in a breast) - Set of support brackets for a plateau - Extension legs (not necessary if the appliance is hung) - Communication module (needed for external operation via tablet or domotics) 			
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			



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	compression nut, and mains wire + plug (EU and UK) L=150cm Wall fixation strip + 4 wedge bolts. Lugo 70/2: in addition: allen key 2.5 + suction cup to remove front glass pane
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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.- Supports for plateau adjustable in height:<ul style="list-style-type: none">- highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thickness > 30mm possible.- Plateau goes till the glass and is supported by the adjustable brackets. Plateau thickness \leq30mm. Decorative strip is not used.- Appliance can be hung on wall. Extension legs not necessary then (though possible).
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Modification review

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