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Product specification Lugo 70/3 Module RCH *)

Model name	Lugo 70/3 Module RCH			
Description	Free standing balanced flue gas fire with 3-sided fire view. Several interiors available. Robust wood logs. Colour of top plate: black. Cladding (set of tiles) available in several colours.			
Purpose	Balanced flue fire			
Type of appliance	Free standing fire			
Type of combustion	Closed combustion (C ₁₁ C ₃₁ C ₉₁)			
Gas	Natural gas G20, G25.3 or G25 and propane G31. Conversion from natural gas to propane, v.v., not possible.			
Flame picture	Yellow log fire			
Sizes	Appliance: WxHxD = 790x1434x554mm Sizes visible glass: WxHxD = 685x440x286mm			
Flue spigot	Ø150/100mm			
Removal of combustion products	Natural draught. Powervent® not possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	1.0m	3m	
	propane	1.0m	3m	
Removal of heat	Natural convection			
Control	RCH = 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"> - Ornamental pipe, black - Communication module (needed for external operation via tablet or domotics) 			
Weight	Fire, excl. tile set: 155kg Tile set: 27kg			
Including	Wood logs, remote control, batteries, glowing wool, socket wrench no 8 (removing front glass pane), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm			
Special features	<ul style="list-style-type: none"> - The appliance can be operated with an app on tablet (Android or iOS) or smart phone. - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - For a complete appliance two separate items must be ordered (an engine + a set of tiles). - Top plate thickness = 6mm 			
CE-ID (PIN)	0063CO3529			

*) Consult installation manual for the details.



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Gas type:	G25	G25.3	G20	G31	Unit
Maximum output	6,5	6,5	6,9	6,3	kW
Minimum output	2,8	2,8	3,4	3,2	kW
Input rating (Hs)	8,9	8,9	9,4	8,8	kW
Gas usage high	962	962	895	320	l/h
Gas usage low	447	447	460	168	l/h
Fluegas Temperature (12m vertical or testflue EN613)	400	400	407	389	°C
CO2 (12m vertical or testflue EN613)	5,40	5,40	5,80	5,28	%
Fluegas flow (12m vertical or testflue EN613)	5,50	5,40	5,52	6,62	gr/sec
Min. draught required	5	5	5	5	Pa
Efficiency class (acc to EN613)	2	2	2	2	
NOx class (acc to EN613)	5	5	5	5	
Efficiency (system efficiency)	90,3	90,3	91,0	90,8	%
Energy Efficiency Index	90	90	90	90	
Energie Efficiency Class	A	A	A	A	

Modifications review

Date	Nature of modification
11-05-2017	New specification
26-10-2017	Update of gas technical specifications