Product specification Lugo 70 RCH *)

Model name	Lugo 70/2 RCH [🛒 BUY NOW] Lugo 70/3 RCH [🛒 BUY NOW]
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 C11/C31/C91, with Powervent: C12/C32.
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	Lugo 70/2 Engine: WxHxD = 698x795 … 815x400mm
	                Build in plaster trim: WxHxD = 698x448x323mm
	Lugo 70/3 Engine: WxHxD = 698x795 … 815x400mm
	                Build in plaster trim: WxHxD = 751x448x323mm
	                (height including flue spigot)
	Bottom of build in frame: min. 165mm

Flue spigot	Ø150/100mm, centre of top side
Removal of combustion products	Natural draught. Powervent® possible.

Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	notes
	natural gas	1.0m	3m	
	propane	1.0m	3m	

Removal of heat	Natural convection. Breast ventilation mandatory (>200cm^2)
Control	RCH = 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 with earth connection
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 - Communication module (needed for external operation via tablet/app, smart phone or domotics) - 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 - Lugo 70/2: 6S-frame custom made (six sided frame, thickness 4mm) Lugo 70/3: 8S-frame custom made (eight sided frame, thickness 4mm)
Weight	84kg
Including	Lugo 70/2+3: 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. Protective cover electricity (for installation on a plateau). Wall fixation strip + 4 wedge bolts. Lugo 70/2: in addition: allen key 2.5 + suction cup to remove front glass pane

Special features	- 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.
	- Supports for plateau adjustable in height:
	  - highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thickness > 30mm possible.
	  - Plateau continues 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 then not necessary (though possible).
	- Maximum distance control hatch to the side of the appliance:
	  - left 60cm
	  - right 60cm

CE-ID (PIN)	0063CO3529

*) Consult installation manual for the details.

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
CO_2 (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**	

Modification review

Date	Nature of modification
25-10-2013	New specification
24-04-2014	Propane added
10-10-2017	Full update
26-10-2017	Update of gas technical specifications
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added