Product specification Maestro 75 RCH

Name	Maestro 75 RCH
Description	Balanced flue build in gas fire. Frontal fire view, minimal frame. Double burner system. High flame picture with relatively low in/output. Several interiors available. Anti-reflective glass optionally. Robust wood logs.
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, G25 or propane G31. Conversion from natural gas to propane, v.v., not possible
Flame picture	Yellow log fire

	G25.3	G25	G20	G31
Input rating (H_s) Max output Output range Gas usage high Gas usage low	11.4kW 8.6kW 1.5 -8.6kW 1223 l/h 209 l/h	11.4kW 8.6kW 1.5 -8.6kW 1223 l/h 209 l/h	12.0kW 9.0kW 1.7 -9.0kW 1140 l/h 218 l/h	11.2kW 7.9kW 1.6 -7.9kW 405 l/h 81 l/h
Flue gas flow rate Flue gas temperature CO2-max Min. draught required	n.a.	9.7gr/sec 328°C 4.00% 5Pa	9.7gr/sec 332°C 4.20% 5Pa	8.4gr/sec 328°C 4.55% 5Pa

Efficiency class	1
Energy label	B
CE-ID (PIN)	0063CQ3299
Sizes	Engine: WxHxD = 981x1130 … 1180x400mm (height excluding flue spigot) Build in plaster trim: WxH = = 814x697mm Bottom of build in frame: min. 110mm
Flue spigot	Ø200/130mm, top side in the middle
Removal of combustion products	Natural draught. Powervent® possible.

Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	notes
	natural gas	0.0m >0.8m	0.0m 8.0m	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
	propane	NNB	NNB	

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	- 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
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 - Anti-reflective glass optionally
Weight	Engine: 80kg
Including	Control hatch, wood logs, glowing 'wool', 'ashes', remote control, batteries, socket wrench no 8 (window glass handle), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150+150cm

Special features	- Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - Triple vario-burner®-systee, top two burners can be switched on/off separately, resulting in great modulation depth. - Top two burners (Dynamic flame burners®) are hidden in the wood logs, thus resulting in a very realistic flame picture. - Tiltable, bottom hinged, glass window, to be opened with one hand movement, for easy cleaning of the glass. Control hatch with gas control can be mounted up to about 150cm from the center of the appliance. Appliance contains all 'remote parts' with length of 150cm.

Modification review

Date	Nature of modification
15-10-2015	New specification
21-12-2015	Propane added