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**Product specification Maestro 80**

Name	Maestro 80/2 two sided Maestro 80/3 three sided			
Description	Maestro 80/2 Balanced flue build in gas fire. Two sided fire view. Minimal frame. Several interiors available. Anti-reflective glass optionally. Robust wood logs. Maestro 80/3 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 <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )			
Gas	Natural gas G20, G25.3 or G25 and propane G31			
Flame picture	Yellow log fire			
	G25.3	G25	G20	G31
Belasting (H <sub>s</sub> )	11.4kW	11.4kW	12.0kW	11.5kW
Vermogen	8.6kW	8.6kW	9.0kW	7.7kW
Regelbereik	1.5 - 8.6kW	1.5 - 8.6kW	1.7 -9.0kW	1.5 -7.7kW
Gebruik vollast	1223 l/h	1223 l/h	1140 l/h	416 l/h
Gebruik kleinstand	209 l/h	209 l/h	218 l/h	84 l/h
Rookgasdebit	n.v.t.	10.7gr/sec	10.6gr/sec	9.4gr/sec
Rookgastemperatuur		353°C	367°C	361°C
CO <sub>2</sub> -max		3.60%	3.84%	4.15%
Minimum trek		5Pa	5Pa	5Pa
Rendementsklasse	1			
NO <sub>x</sub> -klasse	4			
Energielabel	A			
CE-ID (PIN)	0063CQ3299			
Sizes	Maestro 80/2 Engine: WxHxD = 887x873 ... 923x492mm Build in plaster trim: WxHxD = 807x558x396mm Maestro 80/3 Engine: WxHxD = 912x873 ... 923x492mm Build in plaster trim: WxHxD = 876x558x396mm (height excluding flue spigot) Bottom of build in frame: min. 148mm			
Flue spigot	Ø200/130mm			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	0.0m	0.0m	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
		≥0.8m	8.0m	
propane	NNB	NNB		
Removal of heat	Breast ventilation mandatory (>200cm <sup>2</sup> ).			
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 - Set of support brackets for a plateau - Maestro 80/2 6S-frame custom made (six sided frame, thickness 4mm) Maestro 80/3 8S-frame custom made (eight sided frame, thickness 4mm)			



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Weight	100kg
Including	Maestro 80/2+3: Wood logs, glowing 'wool', 'ashes', remote control, batteries, socket wrench no 8 (removing front glass pane), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm Wall fixation strip + 4 wedge bolts. Maestro 80/2: in addition: allen key 2.5 + suction cup to remove front glass pane.
Special features	<ul style="list-style-type: none"><li>- Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames.</li><li>- Triple vario-burner®-systeem, top two burners can be switched on/off separately, resulting in great modulation depth.</li><li>- Top two burners (Dynamic flame burners®) are hidden in the wood logs, thus resulting in a very realistic flame picture.</li></ul> Supports for plateau adjustable in height: <ul style="list-style-type: none"><li>- highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thickness &gt; 30mm possible.</li><li>- Plateau goes till the glass and is supported by the adjustable brackets. Plateau thickness ≤30mm. Decorative strip is not used.</li></ul> <ul style="list-style-type: none"><li>- Appliance can be hung on wall. Extension legs then not necessary (though possible).</li></ul>

#### Modification review

Date	Nature of modification
16-10-2015	New specification
21-12-2015	Propane and energy label added