



designed to be different

**Product specification Maestro 80/2 and Maestro 80/3 \*)**

Model 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 (Clear View) optionally. Robust wood logs. Maestro 80/3 As Maestro 80/2, 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> ), 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	Maestro 80/2 Engine: WxHxD = 887x923 ... 973x492mm Build in plaster trim: WxHxD = 807x558x396mm Maestro 80/3 Engine: WxHxD = 912x923 ... 973x492mm Build in plaster trim: WxHxD = 876x558x396mm (height including 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	0m	Bend directly on appliance, wall terminal Ø200/130 directly connected to bend: use stainless steel flue material
		≥0.5m	3m	Wall terminal Ø200/130
		≥0.8m	8m	Wall terminal Ø200/130
		≥0.8m	0m	Wall terminal Ø150/100; reduce just before bend
	≥0.8m	1m	Wall terminal Ø150/100; reduce just after bend	
propane	As natural gas	As natural gas		
Removal of heat	Breast ventilation mandatory (>200cm <sup>2</sup> ).			
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"> <li>- Radiographic remote control 866MHz, battery operated (2x battery AA). Two way communication. Reading out of fault codes and fault history. Or:</li> <li>- Wireless via tablet (Android or iOS) + app and WIFI, or</li> <li>- Wired, with house management system</li> </ul>			
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"> <li>- Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner.</li> <li>- Explosion hatches</li> </ul>			
Accessories and options	<ul style="list-style-type: none"> <li>- PowerVent</li> <li>- Communication module (needed for external operation via tablet/app, smartphone or domotics)</li> <li>- Anti-reflective glass (Clear View)</li> <li>- Set of support brackets for a plateau</li> <li>- Set extension legs</li> <li>- Maestro 80/2 6S-frame custom made (six sided frame, thickness 4mm)</li> <li>- Maestro 80/3 8S-frame custom made (eight sided frame, thickness 4mm)</li> </ul>			
Weight	100kg			
Including	Maestro 80/2+3: Control hatch, 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			



designed to be different

	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>- The appliance can be operated with an app on tablet (Android or iOS) or smart phone.</li> <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®-systee, 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> <li>- 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 continues till the glass and is supported by the adjustable brackets. Plateau thickness ≤30mm. Decorative strip is not used.</li> </ul> </li> <li>- Appliance can be hung on wall. Extension legs then not necessary (though possible).</li> <li>- Maximum distance control hatch to the side of the appliance:             <ul style="list-style-type: none"> <li>- left 80cm</li> <li>- right 70cm</li> </ul> </li> </ul>
CE-ID (PIN)	0063CQ3299

\*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31 Q2-2019	G31	Unit
Maximum output	8,6	8,6	9,0	9,0	7,8	7,7	kW
Minimum output	1,3	1,3	1,4	1,6	1,4	1,3	kW
Input rating (Hs)	11,4	11,4	12,0	12,7	11,2	11,5	kW
Gas usage high	1223	1223	1140	358	415	416	l/h
Gas usage low	209	209	218	69	80	84	l/h
Fluegas Temperature (12m vertical or testflue EN613)	353	353	367	384	358	361	°C
CO2 (12m vertical or testflue EN613)	3,60	3,60	3,84	4,40	3,77	4,15	%
Fluegas flow (12m vertical or testflue EN613)	10,57	10,57	10,64	11,82	11,82	11,01	gr/sec
Min. draught required	5	5	5	5	5	5	Pa
Efficiency class (acc to EN613)	1	1	1	1	1	1	
NOx class (acc to EN613)	4	4	4	5	5	5	
Efficiency (system efficiency)	91,6	91,6	93,0	89,6	88,6	91,5	%
Energy Efficiency Index	91	91	93	89	89	92	
Energie Efficiency Class	A	A	A	A	A	A	

#### Modifications review

Date	Nature of modification
16-10-2015	New specification
21-12-2015	Propane and energy label added
19-06-2017	Height now including flue spigot
26-10-2017	Update of gas technical specifications
11-01-2019	Update of gas technical specifications
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added