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Product specification Maestro 105/2 and Maestro 105/3 *)

Model name	Maestro 105/2 two sided  Maestro 105/3 three sided 			
Description	Maestro 105/2 Balanced flue build in gas fire. Two sided fire view. Minimal frame. Double burner system, top burners can be switched off. openable front window (easy release® glass window). Several interiors available. Anti-reflective glass (Clear View) optionally. Robust wood logs. Maestro 105/3 As Maestro 105/2, but with three sided fire view.			
Purpose	Balanced flue fire			
Type of appliance	Build in fire			
Type of combustion	Closed combustion (C ₁₁ C ₃₁ C ₉₁) , 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 105/2 Engine: WxHxD = 1149x933 ... 983x492mm Build in plaster trim: WxHxD = 1085x600x349mm Maestro 105/3 Engine: WxHxD = 1171x933 ... 983x492mm Build in plaster trim: WxHxD = 1135x600x349mm (height including flue spigot) Bottom of build in frame: min. 158mm			
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	6m	Wall terminal Ø200/130
		≥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 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) or smart phone + 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 (in a later stage) - Communication module (needed for external operation via tablet/app, smartphone or domotics) - Anti-reflective glass optionally - Set of support brackets for a plateau - Set extension legs - Maestro 80/2 6S-frame custom made (six sided frame, thickness 4mm) Maestro 80/3 8S-frame custom made (eight sided frame, thickness 4mm)			
Weight	183kg			
Including	Control hatch, wood logs, glowing 'wool', 'ashes', remote control, batteries, socket wrench no 8, connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm, wall fixation strip + 4 wedge bolts.			



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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. - 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. - Hinged glass window (Easy release® window), which can be opened with one movement of the handle (for ease of cleaning the glass window). - Supports for a plateau adjustable in height: <ul style="list-style-type: none"> - 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 side of the appliance: <ul style="list-style-type: none"> - left 70cm - right 70cm
CE-ID (PIN)	0063CR3382

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31 Q2-2019	G31	Unit
Maximum output	8,7	8,7	9,3	11,8	10,4	9,6	kW
Minimum output	1,8	1,8	2,2	2,7	2,4	1,5	kW
Input rating (Hs)	13,0	13,0	13,7	15,2	13,6	13,4	kW
Gas usage high	1315	1315	1290	431	506	495	l/h
Gas usage low	334	334	355	114	133	120	l/h
Fluegas Temperature (12m vertical or testflue EN613)	349	349	360	385	363	359	°C
CO2 (12m vertical or testflue EN613)	3,84	3,84	3,87	5,30	4,80	4,30	%
Fluegas flow (12m vertical or testflue EN613)	11,30	11,30	12,05	11,74	11,28	12,39	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)	89,7	89,7	87,5	90,6	91,1	90,5	%
Energy Efficiency Index	89	89	87	90	91	90	
Energie Efficiency Class	A	A	B	A	A	A	

Modifications review

Date	Nature of modification
21-02-2017	New specification
23-03-2017	Propane added, Energy label rectified
31-3-2017	Gas usage low and output range adjusted
19-06-2017	Height now including flue spigot
26-10-2017	Update of gas technical specifications
30-04-2018	Powervent possible starting 01-04-2018
11-01-2019	Update of gas technical specifications
04-02-2019	Update of gas technical specifications
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added