



designed to be different

Product specification Maestro 105/2-01 and Maestro 105/3-01 *)

Model name	Maestro 105/2-01 two sided Maestro 105/3-01 three sided																	
Description	Maestro 105/2-01 Balanced flue build in gas fire. Two sided fire view, minimal frame. Double burner system, top burners can be switched off (Dynamic Flame Burner®). Robust wood logs. Easily openable front window (Easy Release® glass window). High flame picture with relatively low in/output. Several interiors available. Antireflective glass (Clear View) and Eco Glow (LED) optionally. Maestro 105/3-01 As Maestro 105/2-01, 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: C ₁₂ /C ₃₂ .																	
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 105/2-01 Engine: WxHxD = 1226x923x495mm Build in plaster trim: WxHxD = 1105x595x350mm Maestro 105/3-01 Engine: WxHxD = 1200x923x495mm Build in plaster trim: WxHxD = 1140x595x350mm 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	<table border="1"> <thead> <tr> <th>gas</th> <th>min. vertical</th> <th>max. horizontal</th> <th>notes</th> </tr> </thead> <tbody> <tr> <td rowspan="4">natural gas, propane</td> <td>0.0m</td> <td>0m</td> <td>Bend directly on appliance, wall terminal Ø200/130 directly connected to bend: use stainless steel flue material</td> </tr> <tr> <td>≥0.5m</td> <td>3m</td> <td>Wall terminal Ø200/130</td> </tr> <tr> <td>≥0.8m</td> <td>6m</td> <td>Wall terminal Ø200/130</td> </tr> <tr> <td>≥0.8m</td> <td>1m</td> <td>Wall terminal Ø150/100; reduce just after bend.</td> </tr> </tbody> </table>	gas	min. vertical	max. horizontal	notes	natural gas, propane	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.
gas	min. vertical	max. horizontal	notes															
natural gas, propane	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.															
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 proof window																	
Accessories and options	- Eco Glow, switchable via the remote control and at a later stage via app (control unit Eco Glow - Honeywell Esys - DFGT). - PowerVent - 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 105/2-01 standard frame at flue fire 30mm o 6S-frame 70mm optionally o 6S-frame custom made (six sided frame, thickness 4mm)																	



designed to be different

	<ul style="list-style-type: none"> - Maestro 105/3-01 standard frame at flue fire 30mm <ul style="list-style-type: none"> o 8S-frame 70mm optionally o 8S-frame custom made (eight sided frame, thickness 4mm) - Delivery with Control Module is possible; Maestro105/2+3-01 CM. Eco Glow in combination with CM not operable and therefore not recommended.
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.
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®-system, 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. - Tilttable, bottom hinged, removable glass window (Easy Release door system®), for easy cleaning of the glass - 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	Unit
Maximum output	9,8	9,8	10,3	11,8	10,5	kW
Minimum output	2,1	2,1	2,5	2,9	2,6	kW
Input rating (Hs)	13,2	13,2	13,7	15,2	13,6	kW
Gas usage high	1420	1420	1309	427	508	l/h
Gas usage low	335	335	351	116	136	l/h
Fluegas Temperature (12m vertical or testflue EN613)	347	347	351	380	363	°C
CO2 (12m vertical or testflue EN613)	3,80	3,80	3,80	5,40	5,00	%
Fluegas flow (12m vertical or testflue EN613)	12,83	12,56	12,39	11,52	10,82	gr/sec
Min. draught required	5	5	5	5	5	Pa
Efficiency class (acc to EN613)	I	I	I	I	I	
NOx class (acc to EN613)	4	4	4	5	5	
Efficiency (system efficiency)	90,5	90,5	91,2	91,9	91,6	%
Energy Efficiency Index	90	90	91	91	91	
Energie Efficiency Class	A	A	A	A	A	

Modifications review

Date	Nature of modification
01-03-2021	New specification