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**Product specification Maestro 75 Tall RCH \*)**

Model name	Maestro 75 Tall RCH			
Description	Balanced flue build in gas fire. Frontal fire view, minimal frame. Double burner system, top burners can be switched off (Dynamic Flame Burner®). Easily openable front window (Easy Release® glass window). High flame picture with relatively low in/output. Anti-reflective glass (Clear View) and Eco Glow (LED) optionally. Robust wood logs.			
Purpose	Balanced flue fire			
Type of appliance	Build in fire			
Type of combustion	Closed combustion C11/C31/C91, with Powervent: C12/C32.			
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			
Sizes	Engine: WxHxD = 981x1769 ... 1819x400mm (height including flue spigot) Build in plaster trim: WxH = 814x1337mm 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. horizontal	notes
	natural gas, propane, butane	0.0m	1m	Reduce to Ø150/100 directly on appliance. Use only Ø150/100.
		0.0 m	8m	Use only Ø200/130
Removal of heat	Breast ventilation mandatory (>200cm <sup>2</sup> ). When Eco Glow is used additional ventilation is needed.			
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>• Eco Glow, switchable via the remote control and at a later stage via app (control unit Eco Glow - Honeywell Esys - DFGT). Choose for Eco Glow by using the L function on the remote control (O/I).</li> <li>• PowerVent</li> <li>• Communication module (needed for external operation via tablet/app, smartphone or domotics)</li> <li>• Anti-reflective glass</li> <li>• Extension legs</li> <li>• 4-sided build in frame (material thickness = 6mm) can be converted to a 3-sided build in frame by removing the bottom strip. A stone hearth (e.g.) can than continue till the glass. Standard size at flue fire is 30mm. Also frames of 70+100mm and custom made optionally available.</li> <li>• Delivery with Control Module is possible; Maestro 75 Tall Tunnel CM. Eco Glow in combination with CM not operable and therefore not recommended.</li> </ul>			
Weight	212 kg			
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			



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Special features	<ul style="list-style-type: none"> <li>• The appliance can be suited with Eco Glow (optionally) which can be separately turn on and off, even when the appliance is not burning.</li> <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®-system, 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>• Tilttable, bottom hinged, removable glass window (Easy Release door system®), to be opened with one hand movement, for easy cleaning of the glass.</li> <li>• 4-sided build in frame can be converted to a 3-sided build in frame by removing the bottom strip. A stone hearth (e.g.) can than continue till the glass.</li> <li>• Maximum distance control hatch to the side of the appliance:             <ul style="list-style-type: none"> <li>- left 75cm</li> <li>- right 65cm</li> </ul> </li> </ul>
CE-ID (PIN)	0063CQ3299

\*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31	Unit
Maximum output	8,7	8,7	9,2	9,5	8,2	kW
Minimum output	1,5	1,5	1,7	1,8	1,5	kW
Input rating (Hs)	11,4	11,4	12,0	12,2	10,7	kW
Gas usage high	1235	1235	1144	344	395	l/h
Gas usage low	211	211	218	68	79	l/h
Fluegas Temperature (12m vertical or testflue EN613)	255	255	257	0	0	°C
CO2 (12m vertical or testflue EN613)	3,42	3,42	3,56	0,00	0,00	%
Fluegas flow (12m vertical or testflue EN613)	12,31	12,05	11,58	t.b.d.	t.b.d.	gr/sec
Min. draught required	5	5	5	5	5	Pa
Efficiency class (acc to EN613)	1	1	1	1	1	
NOx class (acc to EN613)	5	5	5	5	5	
Efficiency (system efficiency)	91,9	91,9	91,6	91,7	90,7	%
Energy Efficiency Index	91	91	91	91	90	
Energie Efficiency Class	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	

#### Modifications review

Date	Nature of modification
01-07-2020	New specification
29-09-2020	Weight added
23-11-2020	Flueing possibilities corrected