

Product specification Maestro 100 RCH *)

Model name	Maestro 100) RCH					
Description	Balanced flue build in gas fire. Frontal fire view, minimal frame. Double burner						
_ 500.150011							
	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			
		glass (Clear View) and Eco Glow					
Purpose	(LED) optionally. Robust wood logs. Balanced flue fire						
Type of appliance							
Type of appliance Type of combustion	Build in fire						
	Closed combustion C11/C31/C91, with Powervent: C12/C32.						
Gas	Natural gas G20, G25.3, G25 or propane G31. Conversion from natural gas to						
Flames wistons	propane, v.v., not possible						
Flame picture	Yellow log fire Engine: WxHxD = 1231x1130 1180x400mm						
Sizes	Engine:						
	Duild in also	(height including flue spigot)					
	Build in plas		/xH = = 1064x6	697mm			
		Bottom of build in frame: min. 110mm					
Flue spigot		m, top side in t	_				
Removal of	Natural drau	ight. Powerver	nt® possible.				
combustion products							
Flueing possibilities	gas	min. vertical					
with wall terminal	natural gas	0.0m	0m	Bend directly on appliance, wall			
				terminal directly connected to bend:			
				use stainless steel flue material			
		<u>></u> 0.5m	4m	Wall terminal Ø200/130			
		>0.8m	6m	Wall terminal Ø200/130			
		>0.5m	0m	Wall terminal Ø150/100; reduce just			
			_	before bend			
		≥0.8m	1m	Wall terminal Ø150/100; reduce just			
		_		after bend			
	propane	As natural	As natural				
	F F	gas	gas				
Removal of heat	Breast venti			When Eco Glow is used additional			
	Breast ventilation mandatory (>200cm²). When Eco Glow is used additional ventilation is needed.						
	i verimanuli k	HEEGEG.		RCH = Honeywell ESYS-02 system.			
Control			12 system				
Control	RCH = Hone	eywell ESYS-0					
Control	RCH = Hone Control optic	eywell ESYS-0 ons: manual or	thermostatic.	vitch points per day			
	RCH = Hone Control optic Clock progra	eywell ESYS-0 ons: manual or am (week prog	thermostatic. ram) with 6 sw	ritch points per day.			
Control	RCH = Hone Control optic Clock progra - Radiograp	eywell ESYS-0 ons: manual or am (week prog ohic remote co	thermostatic. ram) with 6 sw ntrol 866MHz,	battery operated (2x battery AA). Two			
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designed to be differe	nt
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	 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. Tiltable, bottom hinged, removable glass window (Easy Release Door System®), to be opened with one hand movement, for easy cleaning of the glass. 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. Maximum distance control hatch to the side of the appliance: left 60cm right 60cm
CE-ID (PIN)	0063CR3382

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31 Q2-2019	G31	Unit
Maximum output	9,3	9,3	10,0	11,4	9,8	10,2	kW
Minimum output	1,9	1,9	2,3	2,5	2,4	2,3	kW
Input rating (Hs)	13,2	13,2	14,0	15,3	13,4	13,4	kW
Gas usage high	1396	1396	1308	431	494	488	l/h
Gas usage low	323	323	339	106	127	117	l/h
Fluegas Temperature (12m vertical or testflue EN613)	316	316	326	345	327	332	°C
CO2 (12m vertical or testflue EN613)	3,79	3,79	4,13	5,66	4,85	5,21	%
Fluegas flow (12m vertical or testflue EN613)	11,62	11,62	11,54	11,07	10,98	10,22	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)	91,8	91,8	92,1	88,1	87,7	91,2	%
Energy Efficiency Index	91	91	92	88	87	91	
Energie Efficiency Class	Α	Α	Α	Α	В	Α	

Modifications review

Date	Nature of modification		
21-02-2017	New specification		
26-04-2017	Propane added		
20-06-2017	Height now including flue spigot. Several other modifications.		
26-10-2017	Update of gas technical specifications		
30-04-2018	Powervent possible starting 01-04-2018		
11-01-2109	Update of gas technical specifications		
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added		
16-3-2021	Added Eco Glow as an option		