Product specification Maestro 60 RCH *

Model name	Maestro 60 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®). Robust wood logs. Easily openable front window (Easy Release® glass window). High flame picture with relatively low in/output. Several interiors available. Anti-reflective glass (Clear View) and Eco Glow (LED) optionally.
Purpose	Balanced flue fire
Type of appliance	Build in fire
Type of combustion	Closed combustion (C_{11} C_{31} C_{91})
Gas	Natural gas G20, G25.3, G25 or propane G31. Easy conversion from G25.3 to propane possible, easy conversion from G20 to propane v.v., not possible
Flame picture	Yellow log fire
Sizes	Engine: WxHxD = 726x937x472mm (height including flue spigot) Build in plaster trim: WxH = 650x650mm Fire View: WxH = 600x600mm Bottom of build in frame: min. ±110mm
Flue spigot	Ø200/130mm, top side in the middle. Reducing to Ø150/100 at flue fire often possible.
Removal of combustion products	Natural draught. Powervent® possible.

Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	notes
	natural gas, propane, butane	0	0	Ø200-Ø130 (Direct flue)
		0,8	8	Ø200-Ø130
		0,8	0	Reduce to Ø150-100 at flue fire. Choose between DRU LAS AG-I 150/100 alu-galva or DRU LAS ES-I 150/100 (SST)

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) + 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). Choose for Eco Glow by using the L function on the remote control (O/I). • PowerVent • Communication module (needed for external operation via tablet/app, smartphone or domotics) • Anti-reflective glass • Extension legs • 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. • Delivery with Control Module is possible; Maestro 60 CM. Eco Glow in combination with CM not operable and therefore not recommended.
Weight	Engine incl. packaging: 125 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

Special features	• The appliance can be suited with Eco Glow (optionally) which can be separately turn on and off, even when the appliance is not burning.
	• 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®), for easy cleaning of the glass.
	• Maximum distance control hatch to the side of the appliance:
	   o left 80cm
	   o right 75cm

CE-ID (PIN)	0063CU3479

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31	Unit
Maximum output	6,8	6,8	7,2	8,5	7,3	kW
Minimum output	1,6	1,6	1,9	1,2	1,1	kW
Input rating (Hs)	9,3	9,3	9,8	11,0	9,7	kW
Gas usage high	1001	1001	931	311	359	l/h
Gas usage low	269	269	271	50	60	l/h
Fluegas Temperature (12m vertical or testflue EN613)	345	345	358	392	367	°C
CO_2 (12m vertical or testflue EN613)	3,33	3,33	3,53	4,56	4,05	%
Fluegas flow (12m vertical or testflue EN613)	10,32	10,10	9,54	9,88	9,53	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)	4	4	4	5	5	
Efficiency (system efficiency)	92,5	92,5	94,3	94,6	93,9	%
Energy Efficiency Index	92	92	94	94	93	
Energie Efficiency Class	**A**	**A**	**A**	**A**	**A**	

Modifications review

Date	Nature of modification
19-08-2019	New specification.
10-10-2019	Several corrections, such as gasvalues, flueing options, weight.
31-10-2019	G30-G31 added.
28-06-2021	Correction Build in dimension
30-06-2021	No longer available with Summerlighting