



designed to be different

**Product specification Passo RCH \*)**

Model name	Passo RCH			
Description	Balanced flue free standing gas fire with frontal fire view. 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. Robust wood logs.			
Purpose	Balanced flue fire			
Type of appliance	Free standing fire			
Type of combustion	Closed combustion (C <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )			
Gas	Natural gas G20, G25.3, G25. Propane G31 will follow later. Conversion from natural gas to propane, v.v., not possible			
Flame picture	Yellow log fire			
Sizes	DxH = Ø452x1142mm (height including flue spigot)			
Flue spigot	Ø150/100mm, top side in the middle			
Removal of combustion products	Natural draught. Powervent® not possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	1-4m	0-0,5m	Wall terminal Ø150/100 Use stainless steel flue material.
		1-4m	0-2,5m	Wall terminal Ø200/130 Use stainless steel flue material. After 0-0,5m horizontal increase to Ø200/130
	propane	n.a.	n.a.	
Removal of heat	Natural convection			
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 safety door</li> </ul>			
Accessories and options	<ul style="list-style-type: none"> <li>- Communication module (needed for external operation via tablet/app, smartphone or domotics)</li> <li>- Available in Titan, Nero and Pearl white</li> </ul>			
Weight	95kg			
Including	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	<ul style="list-style-type: none"> <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>- Turnable glass window (Easy Release door system®), to be opened with one hand movement, for easy cleaning of the glass.</li> </ul>			
CE-ID (PIN)	0063CT3681			

\*) Consult installation manual for the details.



designed to be different

<b>Gas type:</b>	<b>G25</b>	<b>G25.3</b>	<b>G20</b>	<b>G31</b>	<b>Unit</b>
Maximum output	6,1	6,1	6,4	-	kW
Minimum output	0,9	0,9	1,2	-	kW
Input rating (Hs)	8,3	8,3	8,6	-	kW
Gas usage high	883	883	819	-	l/h
Gas usage low	200	200	220	-	l/h
Fluegas Temperature (12m vertical or testflue EN613)	377	377	382	-	°C
CO2 (12m vertical or testflue EN613)	4,40	4,40	4,80	-	%
Fluegas flow (12m vertical or testflue EN613)	6,82	6,82	6,16	-	gr/sec
Min. draught required	5	5	5	-	Pa
Efficiency class (acc to EN613)	1	1	1	-	
NOx class (acc to EN613)	5	5	4	-	
Efficiency (system efficiency)	91,9	91,9	93,0	-	%
Energy Efficiency Index	91,2	91,2	92,3	-	
Energie Efficiency Class	<b>A</b>	<b>A</b>	<b>A</b>	-	

#### Modifications review

Date	Nature of modification
01-11-2018	New specification