



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 ₁₁ C ₃₁ C ₉₁)			
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"> - 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	<ul style="list-style-type: none"> - Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion safety door 			
Accessories and options	<ul style="list-style-type: none"> - Communication module (needed for external operation via tablet/app, smartphone or domotics) - Available in Titan, Nero and Pearl white 			
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"> - 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. - Turnable glass window (Easy Release door system®), to be opened with one hand movement, for easy cleaning of the glass. 			
CE-ID (PIN)	0063CT3681			

*) Consult installation manual for the details.



designed to be different

Gas type:	G25	G25.3	G20	G31	Unit
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	A	A	A	-	

Modifications review

Date	Nature of modification
01-11-2018	New specification