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
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. horizont	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	- 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 safety door
Accessories and options	- 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	- 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.

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