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Product specification Paco RCH *)

Model name	Paco RCH			
Description	Build balanced flue gas fire for corner installation, with two sided fire view, minimal frame , and robust yellow log fire with glowing effect. Several interiors available. To be installed as 'built in' fire (fire placed in a recess), or as a 'built out' fire (fire only partly placed in the breast)			
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, or G25.			
Flame picture	Yellow log fire + glowing effect by means of a special glowing burner			
Sizes	Engine:	WxHxD = 546x1026...11076x563mm		
	Build in plaster trim:	WxHxD = 485x728x485mm		
	Bottom of build in frame:	min. 181mm		
Flue spigot	Ø150/100mm, top side			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	0.5m 1m	2m 3m	Substitute length extra elbow = 2m
	propane	n.a.	n.a.	
Removal of heat	Natural convection. Breast ventilation mandatory (>200cm ²). Aeration of breast via slots in the appliance.			
Control	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. 			
Accessories and options	<ul style="list-style-type: none"> - PowerVent - Communication module - Extension legs - Build out kit 			
Weight	70kg			
Including	Control hatch, wood logs, mounting material, remote control, batteries, socket wrench no 8 (for window glass), 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"> - Vario-burner® for yellow wood flames in combination with special glowing burner - Black vermiculite and black chips - Adjustable wall mounting brackets - Maximum distance control hatch to the side of the appliance: <ul style="list-style-type: none"> - left 60cm - right 60cm 			
CE-ID (PIN)	0063BR3302/01			

*) Consult installation manual for the details.



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Gas type:	G25	G25.3	G20	Unit
Maximum output	5,0	5,0	5,4	kW
Minimum output	2,1	2,1	2,6	kW
Input rating (Hs)	7,7	7,7	8,2	kW
Gas usage high	836	836	773	l/h
Gas usage low	365	365	377	l/h
Fluegas Temperature (12m vertical or testflue EN613)	336	336	350	°C
CO2 (12m vertical or testflue EN613)	3,00	3,00	3,20	%
Fluegas flow (12m vertical or testflue EN613)	8,56	8,56	8,72	gr/sec
Min. draught required	5	5	5	Pa
Efficiency class (acc to EN613)	2	2	2	
NOx class (acc to EN613)	5	5	5	
Efficiency (system efficiency)	82,3	82,3	84,8	%
Energy Efficiency Index	81	81	84	
Energie Efficiency Class	C	C	B	

Modification overview

Date	Nature of modification
01-03-2006	New specification
25-04-2008	Gas connection and weight added
11-12-2012	Flueing possibilities with wall terminal added
26-10-2017	Update of gas technical specifications
25-06-2018	Update, a.o. Powervent possibility added