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Product specification Centro 100

Name	Centro 100			
Description	Balanced flue build in gas fire. Frontal fire view, minimal frame. Double burner system. High flame picture with relatively low in/output. Several interiors available. Robust wood logs.			
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. Conversion from natural gas to propane, v.v., not possible			
Flame picture	Yellow log fire			
Input rating (H _s)	G25.3: 12.3kW	G25: 12.3kW	G20: 13.0kW	G31: 11.8kW
Max output	9.1kW	9.1kW	9.8kW	8.0kW
Output range	2.9 - 9.1kW	2.9 - 9.1kW	3.4 - 9.8kW	2.5 - 8.0kW
Gas usage high	1319 l/h	1319 l/h	1225 l/h	435 l/h
Gas usage low	407 l/h	407 l/h	435 l/h	137 l/h
Flue gas flow rate	G25.3: 8,6gr/sec	G25: 8,6gr/sec	G20: 8,8gr/sec	G31: 11,6gr/sec
Flue gas temperature	343°C	343°C	356°C	341°C
CO ₂ -max	4,85%	4,85%	5.00%	3,45%
Min. draught required	5Pa	5Pa	5Pa	5Pa
Efficiency class	1			
Energy label	B		C	
CE-ID (PIN)	0063CO3260			
Sizes	Engine: WxHxD = 1250x956 ... 1006x391mm (height excluding flue spigot) Build in plaster trim: WxH = 1065x698mm Bottom of build in frame: min. 122mm			
Flue spigot	Ø200/130mm, top left hand side (excentric)			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	0.0m	0.0m	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
		0.8-1.0m	7.0m	
propane	0.8-1m	3m		
Removal of heat	Natural Convection. Breast ventilation mandatory (>200cm ²)			
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			
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 hatches 			
Accessories and options	<ul style="list-style-type: none"> - PowerVent - Build in frames: <ul style="list-style-type: none"> - three sided (3S) depth=70mm - four sided (4S) depth=30mm or 70mm <p>N.B.: A build in frame is always necessary and needs to be ordered with the appliance</p>			
Weight	Engine: 140kg			
Including	Control hatch, wood logs, 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			



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Special features	<p>Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. Double vario-burner®-system, second burner can be switched on/off separately, resulting in great modulation depth.</p> <p>Tiltable, bottom hinged, glass window, to be opened with one hand movement, for easy cleaning of the glass. Lifting eye. Lifting handles.</p> <p>Control hatch with gas control can be mounted up to about 150cm from the center of the appliance. Appliance contains all 'remote parts' with length of 200cm.</p>
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Modification review

Date	Nature of modification
05-09-2013	New specification
04-03-2014	Propane added
20-11-2014	Correction output for G20 and G25



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