Product specification Global 120 BF

Name	Global 120 BF			
Description	Balanced flue gas fire. Built in fire with frontal fire view and minimal frame. Several interiors available.			
Purpose	Balanced flue fire.			
Type of appliance	Built in fire			
Type of combustion	Closed combustion			
Gas	Natural gas G20, G25.3, G25 or propane G31 (conversion not possible)			
Flame picture	Yellow log fire, carrara pebbles or set of anthracite glass			
Input rating (H_s) Max output Output range Gas usage high Gas usage low	G25.3: 9.1kW 7.1kW 2.8 - 7.1kW 975 l/h 381 l/h	G25: 9.1kW 7.1kW 2.8 - 7.1kW 975 l/h 391 l/h	G20 9.7kW 7.5kW 3.0 - 7.5kW 912 l/h 364 l/h	G31 8.6kW 7.0kW 3.8 - 7.0kW 316 l/h 174 l/h
Flue gas flow rate Flue gas temperature CO2-max Min. draught required	6,6gr/sec 271°C 4,70% 5Pa	6,6gr/sec 271°C 4,70% 5Pa	6,3gr/sec 269°C 5,20% 5Pa	7.3gr/sec 280°C 4.00% 5Pa
Efficiency class	1			
Energy label	A			
CE-ID (PIN)	0063CQ3296			
Sizes	Engine WxHxD = 1354x725…745x360mm (height excluding flue spigot) Build in frame: WxH = 1236x439mm Bottom of build in frame: min. 164mm			
Flue spigot	Ø150/100mm, top side, excentric (at left hand side of appliance)			
Removal of combustion products	Natural draught. Powervent® possible.			

Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	notes
	natural gas	0.0 0.8m	0.0 3m	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
	propane	NNB	NNB	

Removal of heat	Natural convection
Control	Mertik GV60 system. Either manual or thermostatic modulating control, by means of temperature sensor on RC control, (adjustable on hand held set). Remote includes clock function with day program (on/off twice a day) and automatic night set back.
Operation	Radiographic remote control 433MHz, battery operated (sender 1x9V, receiver 4x battery AA)
Ignition	Electronic ignition on pilot burner
Electrical connection	No 230VAC connection needed
Gas connection	3/8" female (extra straight connector 3/8" male/Ø15mm with compression nut supplied in carton box)
Weight	…..kg
Special features	Flame supervision main burner with second thermocouple. Explosion hatches. Including: wood logs or pebbles or set of anthracite glass, remote control, batteries, socket wrench M5 (for glass window), and a straight connector 3/8" male/Ø15mm with compression nut. Excluding: control hatch Adjustable legs. Extension legs available. Gas control (with possible control hatch) can be mounted up to about 100cm from the center of the appliance. Appliance contains all 'remote parts' with length of 120cm. Breast ventilation mandatory (outgoing air >200cm^2)

Modification overview

Date	Nature of modification
20-04-2015	New specification
11-08-2015	Wall terminal can be used without vertical section
26-10-2015	Length modified