



designed to be different

**Product specification Global 100BF-03**

Name	Global 100BF-03			
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 <sub>s</sub> )	G25.3: 9.1kW	G25: 9.1kW	G20 9.7kW	G31 8.6kW
Max output	7.1kW	7.1kW	7.5kW	7.0kW
Output range	2.8 - 7.1kW	2.8 - 7.1kW	3.0 - 7.5kW	3.8 - 7.0kW
Gas usage high	975 l/h	975 l/h	912 l/h	316 l/h
Gas usage low	381 l/h	391 l/h	364 l/h	174 l/h
Flue gas flow rate	6,7gr/sec	6,7gr/sec	6,9gr/sec	5.6gr/sec
Flue gas temperature	328°C	328°C	336°C	326°C
CO <sub>2</sub> -max	4,60%	4,60%	4.80%	5,25%
Min. draught required	5Pa	5Pa	5Pa	5Pa
Efficiency class	1			
Energy label	A			
CE-ID (PIN)	0063CQ3296			
Sizes	Engine WxHxD = 1154x725...745x360mm (height excluding flue spigot) Build in frame: WxH = 1036x439mm 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. horizontal	notes
	natural gas	0.0	0.0	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
		0.8m	3m	
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	75kg			
Special features	<p>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.</p> <p>Excluding: control hatch</p> <p>Adjustable legs. Extension legs available.</p> <p>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.</p> <p>Breast ventilation mandatory (outgoing air &gt;200cm<sup>2</sup>)</p>			



designed to be different

#### Modification overview

Date	Nature of modification
27-10-2015	New specification
06-01-2016	Propane added