

Product specification Global 100BF-03 RCE *)

Model name	Global 100BF-03 RCE			
Description	Balanced flue gas fire. Built in fire with frontal fire view and minimal frame. Several interiors available. Several burner beds available.			
Purpose	Balanced flue fire.			
Type of appliance	Built in fire			
Type of combustion	Closed combustion			
Gas	Natural gas G20, G25.3 or G25 and propane G31. Conversion from natural gas to propane, vice versa, not possible.			
Flame picture	Yellow log fire, or fire on carrara pebbles or set of anthracite glass			
Sizes	Engine WxHxD = 1154x775...795x360mm Height including 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® not possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	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	0.0	0.0	bend directly on appliance, wall terminal directly connected to bend: use stainless steel flue material
0.8m		3m		
Removal of heat	Natural convection. The chimney breast must be ventilated sufficiently. Outgoing air: >200cm ² Ingoing air: >100cm ² If a Dru control hatch is used a separate opening for ingoing air is not needed.			
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)			
Safety	<ul style="list-style-type: none"> - Second thermocouple checks ignition and cross lighting of main burner - Explosion hatches 			
Accessories and options	<ul style="list-style-type: none"> - Control hatch - Mains adapter 230VAC to 6VDC - Connection cable house management system for Mertik GV60 - Extension legs 			
Weight	94kg			
Including	Wood logs or pebbles or glass set, remote control, batteries, socket wrench M8 (for glass window) and a straight connector 3/8" male/Ø15 compression nut.			
Special features	<ul style="list-style-type: none"> - Line burner. Two colours chips. - Excluding: control hatch - Adjustable legs - Wall mounting brackets - Maximum distance control hatch to the side of the appliance: <ul style="list-style-type: none"> - left 75cm - right 65cm 			
CE-ID (PIN)	0063CQ3296			

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G31	Unit
Maximum output	7,1	7,1	7,5	7,0	kW
Minimum output	2,6	2,6	2,8	3,5	kW
Input rating (Hs)	9,1	9,1	9,7	8,6	kW
Gas usage high	975	975	912	316	l/h
Gas usage low	381	381	364	174	l/h
Fluegas Temperature (12m vertical or testflue EN613)	300	300	309	320	°C
CO2-max (12m vertical or testflue EN613)	5,00	5,00	5,00	4,95	%
Fluegas flow (12m vertical or testflue EN613)	6,07	6,07	6,60	6,91	gr/sec
Min. draught required	5	5	5	5	Pa
Efficiency class (acc to EN613)	1	1	1	1	
NOx class (acc to EN613)	5	5	5	5	
Efficiency (system efficiency)	93,9	93,9	94,0	95,6	%
Energy Efficiency Index	94	94	94	96	
Energie Efficiency Class	A	A	A	A	

Modification overview

Date	Nature of modification
27-10-2015	New specification
06-01-2016	Propane added
26-10-2017	Update of gas technical specifications
22-08-2018	General update. PowerVent no longer possible.