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Product specification Diablo Next RCE *)

Model name	Diablo Next RCE			
Description	Free hanging balanced flue gas fire with three sided fire view, needing very few space. Several interiors available. Several colours available.			
Purpose	Balanced flue fire			
Type of appliance	Free hanging fire			
Type of combustion	Closed combustion (C ₁₁ C ₃₁ C ₉₁)			
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			
Sizes	Diablo: WxHxD = 541x657x367mm Decorative flue cover: WxHxD = 240x1500 ... 1850x283mm			
Flue spigot	Ø150/100, top side			
Removal of combustion products	Natural draught. Powervent® not possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	1.0m	5.0m	
	propane	1.0m	5.0m	
Removal of heat	Natural convection			
Control	RCE = Mertik GV60-system. Either manual or thermostatic modulating control, by means of temperature sensor on RC control. Remote control 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) - Wired, with house management system			
Ignition	Electronic ignition on pilot burner			
Electrical connection	No 230VAC connection needed			
Gas connection	Ø15 fitting with compression nut (adapter supplied in carton box)			
Safety	Second thermocouple checks ignition and cross lighting of main burner			
Accessories and options	- Decorative flue cover, in colour of appliance - Flue pipes, in colour of appliance - Mains adapter 230VAC to 6VDC - Connection cable house management system for Mertik GV60			
Weight	Engine: 38kg Casing: 15kg			
Including	Wood logs, remote control, batteries, socket wrench no 8 (removal of window glass), and connector 3/8" male/Ø15 compression nut			
Special features	- The appliance needs visually very few space - Vario burner			
CE-ID (PIN)	0063BO3230			

*) Consult installation manual for the details.



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Gas type:	G25	G25.3	G20	G31	Unit
Maximum output	3,8	3,8	4,1	3,8	kW
Minimum output	1,5	1,5	1,6	1,6	kW
Input rating (Hs)	5,5	5,5	5,9	5,6	kW
Gas usage high	595	595	558	203	l/h
Gas usage low	270	270	263	100	l/h
Fluegas Temperature (12m vertical)	418	418	422	429	°C
CO2 (12m vertical)	3,95	3,95	3,75	4,60	%
Fluegas flow (12m vertical)	4,65	4,65	5,35	4,84	gr/sec
Min. draught required	5	5	5	5	Pa
Efficiency class (acc to EN613)	2	2	2	2	
NOx class (acc to EN613)	4	4	4	5	
Efficiency (system efficiency)	93,0	93,0	92,6	93,5	%
Energy Efficiency Index	93	93	93	94	
Energie Efficiency Class	A	A	A	A	

Modification review

Date	Nature of modification
02-04-2014	New specification
23-11-2016	Propane G31 added, adjusted weight engine
25-10-2017	NOx class added
26-10-2017	Update of gas technical specifications