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Product specification Polo RCE *)

Name	Polo RCE			
Description	Balanced flue free standing gas fire with three sided fire view. Several interiors available.			
Purpose	Balanced flue fire			
Type of appliance	Free standing fire			
Type of combustion	Closed combustion (C ₁₁ C ₃₁ C ₉₁)			
Gas	Natural gas G20, G25.3, G25 en propane G31			
Flame picture	Yellow log fire			
Sizes	Polo: WxHxD = 550x955x400mm			
Flue spigot	Ø150/100, top side			
Removal of combustion products	Natural draught. Powervent® not possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizont.	notes
	natural gas	1.0m	5.0m	
	propane	1.0m	5.0m	
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	Ø15 (straight connector 3/8" male/Ø15mm with compression nut supplied in carton box)			
Safety	Second thermocouple checks ignition and cross lighting of main burner			
Accessories and options	<ul style="list-style-type: none"> - Flue pipes in colour of appliance - Mains adapter 230VAC to 6VDC - Connection cable house management system for Mertik GV60 			
Weight	Engine: 38kg Casing: 48kg including packaging			
Including	Wood logs, remote control, batteries, socket wrench no 8 (removal of window glass), and connector 3/8" male/Ø15 compression nut			
Special features	- Vario burner			
CE-ID (PIN)	0063BO3230			

*) Consult installation manual for the details.

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
CO ₂ (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	
NO _x 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	



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Energie Efficiency Class	A	A	A	A	
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Modification review

Date	Nature of modification
23-11-2016	New specification
26-10-2017	Update of gas technical specifications