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**Product specification Circo RCE \*)**

Model name	Circo RCE			
Description	Balanced flue free standing gas fire with frontal fire view. Big panoramic glass pane. Remote control. Electronic ignition.			
Purpose	Balanced flue fire			
Type of appliance	Free standing fire.			
Type of combustion	Closed combustion (C <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )			
Gas	Natural gas G20, G25.3 and G25, or propane G31. Conversion from natural gas to propane vice versa not possible.			
Flame picture	Yellow fire with wood logs			
Sizes	WxHxD = 475x1042x443mm			
Flue spigot	Ø150/100mm, 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	3m	
	propane	1.0m	3m	
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	<ul style="list-style-type: none"> <li>- Radiographic remote control 433MHz, battery operated (sender 1x9V, receiver 4x battery AA)</li> <li>- Wired, with house management system</li> </ul>			
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	<ul style="list-style-type: none"> <li>- Mains adapter 230VAC to 6VDC</li> <li>- Connection cable house management system for Mertik GV60</li> </ul>			
Weight	110kg			
Including	Including: wood logs, 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"> <li>- Semi circular panoramic window glass</li> <li>- Adjustable legs.</li> </ul>			
CE-ID (PIN)	0063CN3192			

\*) Consult installation manual for the details.



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<b>Gas type:</b>	<b>G25</b>	<b>G25.3</b>	<b>G20</b>	<b>G31</b>	<b>Unit</b>
Maximum output	6,0	6,0	7,0	6,2	kW
Minimum output	2,7	2,7	2,9	2,8	kW
Input rating (Hs)	8,2	8,2	9,1	8,5	kW
Gas usage high	913	913	845	315	l/h
Gas usage low	468	468	424	222	l/h
Fluegas Temperature (12m vertical)	424	424	440	465	°C
CO2 (12m vertical)	4,90	4,90	5,20	6,50	%
Fluegas flow (12m vertical)	5,58	5,58	5,96	5,20	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)	92,3	92,3	92,5	92,9	%
Energy Efficiency Index	92	92	93	93	
Energie Efficiency Class	<b>A</b>	<b>A</b>	<b>A</b>	<b>A</b>	

#### Modification overview

Date	Nature of modification
11-12-2012	Flueing possibilities with wall terminal added
29-11-2016	G25.3 added
25-04-2017	NOx class added
26-10-2017	Update of gas technical specifications
28-06-2018	Update of several details
11-09-2020	Corrected system efficiency