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## Product specification Metro 100XTU-41 RCH

Name	Metro 100XTU-41 RCH			
Description	Balanced flue build in gas fire with U-shaped three sided fire view, intended to be used as a room divide. Also fit for semi half high or semi floating installation. No visible frame. Several interiors available. Several burner beds available.			
Purpose	Balanced flue fire			
Type of appliance	Build in fire			
Type of combustion	Closed combustion (C <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )			
Gas	Natural gas G20, G25.3, G25 and propane G31. Conversion from natural gas to propane, vice versa, not possible.			
Flame picture	Yellow log fire or fire on pebbles or glass.			
Input rating (H <sub>s</sub> )	G25.3: 12.0kW	G25: 12.0kW	G20: 12.7kW	G31: NNB
Max output	9.0kW	9.0kW	9.6kW	
Output range	3.9 - 9.0kW	3.9 - 9.0kW	4.7- 9.6kW	
Gas usage high	1287 l/h	1287l/h	1198l/h	
Gas usage low	560l/h	560 l/h	587l/h	
Flue gas flow rate	12,0gr/sec	12,0gr/sec	12,7gr/sec	12,1gr/sec
Flue gas temperature	317°C	317°C	323°C	300°C
CO <sub>2</sub> -max	4,75%	4,75%	4,95%	5,40%
Min. draught required	5Pa	5Pa	5Pa	5Pa
Efficiency class	1	1	1	1
Energy label	B			
CE-ID (PIN)	0063CP3712			
Sizes	Engine WxHxD = 1392x815...835x434mm (height including, flue spigot) Build in frame front + back: WxH = 1044x418mm side: WxH = 398x418mm Bottom side built in frame: min 220mm			
Flue spigot	Ø200/130mm			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	0.0m	0.0m	bend directly on appliance, wall terminal Ø200/130 directly connected to bend. Use stainless steel wall terminal!
		0.5m	3m	Wall terminal Ø200/130
		0.8m	8m Ø200/130	No reduction: Wall terminal: Ø200/130
			2m Ø150/100	Reduce after bend: max. 2m Ø150/100 plus wall terminal Ø150/100
	propane	NNB	NNB	
Removal of heat	Natural convection. Breast ventilation mandatory (>200cm <sup>2</sup> ).			
Control	Honeywell ESYS-02 system. Control options: manual or thermostatic. Clock program (week program) with 6 switch points per day.			
Operation	<ul style="list-style-type: none"> <li>- Radiographic remote control 866MHz, battery operated (2x battery AA). Two way communication. Reading out of fault codes and fault history. Or:</li> <li>- Wireless via tablet (Android or iOS) + app and WIFI, or</li> <li>- Wired, with house management system</li> </ul>			
Ignition	Electronic ignition on main burner. No pilot burner.			
Electrical connection	230VAC with earth connection			
Gas connection	Ø15 fitting with compression nut (adapter supplied in carton box)			
Safety	<ul style="list-style-type: none"> <li>- Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner.</li> <li>- Explosion hatches</li> </ul>			
Accessories and options	<ul style="list-style-type: none"> <li>- PowerVent</li> <li>- Extension legs</li> <li>- Communication module (needed for external operation via tablet or domotics)</li> </ul>			



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Weight	145kg
Including	Control hatch, wood logs, pebbles, or glass set, glowing material, remote control, batteries, socket wrench no 8 + allen key + suction cup (for removing glass panes), wall mounting material, connector 3/8" male/Ø15 compression nut, and mains wire + plug 230V (EU and UK) L=150cm
Special features	<ul style="list-style-type: none"><li>- Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames.</li><li>- Vario-burner® with zigzag (gives depth to flame picture).</li></ul>

#### Modification review

Date	Nature of modification
14-08-2014	New specification