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Product specification Metro 100XT/2-41 RCH and Metro 100XT/3-41 RCH

Name	Metro 100XT/2-41 RCH Metro 100XT/3-41 RCH			
Description	Metro 100XT/2 Balanced flue build in gas fire with two sided fire view. No visible frame. Two versions : Metro 100XT/2 right and Metro 100XT/2 left (glass at right or left hand side, standing in front of the fire). Several interiors available. Several burner beds available.. Metro 100XT/3 Like Metro 100XT/2, but with three sided fire view.			
Purpose	Balanced flue fire			
Type of appliance	Build in fire			
Type of combustion	Closed combustion (C ₁₁ C ₃₁ C ₉₁)			
Gas	Natural gas G20, G25.3, G25 or propane G31. Conversion from natural gas to propane, v.v., not possible.			
Flame picture	Yellow log fire or fire on pebbles or glass.			
Input rating (H _s)	G25.3: 12.0kW	G25: 12.0kW	G20: 12.7kW	G31: 12.1kW
Max output	9.0kW	9.0kW	9.6kW	9.1kW
Output range	3.9 - 9.0kW	3.9 - 9.0kW	4.7- 9.6kW	4,3-9,1kW
Gas usage high	1287 l/h	1287l/h	1198l/h	446 l/h
Gas usage low	560l/h	560 l/h	587l/h	212 l/h
Flue gas flow rate	8,6gr/sec	8,6gr/sec	8,7gr/sec	7,6gr/sec
Flue gas temperature	317°C	317°C	323°C	300°C
CO ₂ -max	4,75%	4,75%	4,95%	5,4%
Min. draught required	5Pa	5Pa	5Pa	5Pa
Efficiency class	1	1	1	1
Energy label	B			
CE-ID (PIN)	0063BT3746			
Sizes	Metro 100XT/2: Engine WxHxD = 1132x792 ... 815x466 Build in frame WxHxD = 1043x418x363 Metro 100XT/3: Engine WxHxD = 1145x792 ... 812x466 Build in frame WxHxD = 1109x418x363 Height excluding flue spigot Bottom side build in frame: min 203mm			
Flue spigot	Ø200/130mm, top side			
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 2m Ø150/100	No reduction: Wall terminal: Ø200/130 Reduce after bend: max. 2m Ø150/100 plus wall terminal Ø150/100
	propane	NNB	NNB	
Removal of heat	Natural convection. Breast ventilation mandatory (>200cm ²)			
Control	Honeywell ESYS-02 system. Control options: manual or thermostatic. Clock program (week program) with 6 switch points per day.			
Operation	- Radiographic remote control 866MHz, battery operated (2x battery AA). Two way communication. Reading out of fault codes and fault history. Or: - Wireless via tablet (Android or iOS) + app and WIFI, or - Wired, with house management system			
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	- Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion hatches			
Accessories and options	- PowerVent - Iron lintel - Protective cover gas control Honeywell (needed for safety reasons when installed)			



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	<p>on a plateau)</p> <ul style="list-style-type: none"> - Set of support brackets for a plateau - Extension legs - Communication module (needed for external operation via tablet or domotics)
Weight	145kg
Including	<p>Metro 100XT/3: Control hatch, wood logs, pebbles, or glass set, remote control, batteries, socket wrench no 8 (for removing front glass pane), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm. Wall fixation strip + 4 wedge bolts.</p> <p>Metro 100XT/2: in addition: allen key 2.5 + suction cup to remove front glass pane</p>
Special features	<ul style="list-style-type: none"> - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - In height adjustable supports for plateau, integrated in appliance: <ul style="list-style-type: none"> - highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thicknesses > 30mm possible. - plateau runs till the glass and is supported by the adjustable brackets. Plateau thickness ≤30mm. Decorative strip is not used. - Appliance can be hung on wall. Extension legs not necessary (though possible).

Modification review

Date	Nature of modification
18-08-2014	New specification
28-04-2016	Propane values added