designed to be different

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

Model 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. Anti-reflective glass (Clear View) optionally. 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}) , with Powervent: C12/C32.			
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.			
Sizes	Metro 100XT/2: Engine WxHxD = 1115x842 … 862x466 Build in frame WxHxD = 1043x418x363 Metro 100XT/3: Engine WxHxD = 1109x842 … 862x466 Build in frame WxHxD = 1109x418x363 Height including 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. horizont	notes
	natural gas	0.0m	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	Wall terminal Ø200/130
			2m	Wall terminal Ø150/100; reduce just after bend.
	propane	0.0m	0m	Bend directly on appliance, wall terminal Ø200/130 directly connected to bend. Use stainless steel wall terminal!
		0.5m	2m	Wall terminal Ø200/130
		0.8m	8m	Wall terminal Ø200/130
			0m	Wall terminal Ø150/100; reduce just after bend.
Removal of heat	Natural convection. Breast ventilation mandatory (>200cm^2)			
Control	RCH = 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 - Communication module (needed for external operation via tablet/app, smart phone or domotics) - Anti reflective glass (Clear View) - Iron lintel - Protective cover gas control Honeywell (needed for safety reasons when installed on a plateau) - Set of support brackets for a plateau			

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	- Extension legs - Metro 100XT/2: 6S-frame custom made (six sided frame, thickness 4mm) Metro 100XT/3: 8S-frame custom made (eight sided frame, thickness 4mm)
Weight	145kg
Including	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. Metro 100XT/2: in addition: Allen key 2.5 + suction cup to remove front glass pane
Special features	- The appliance can be operated with an app on tablet (Android or iOS) or smart phone. - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - Supports for plateau adjustable in height: - highest position: hole in plateau covered by decorative strip. Hole needs not to be sawed/finished neatly. Plateau thickness > 30mm possible. - Plateau continues 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 then not necessary (though possible). - Vario burner® with zig zag (gives depth to flame picture) - Maximum distance control hatch to the side of the appliance: - left 60cm (for natural gas, for propane: 75cm) - right 50cm (for natural gas, for propane: 40cm)
CE-ID (PIN)	0063BT3746

***) Consult installation manual for the details.**

Gas type:	**G25**	**G25.3**	**G20**	**G30**	**G31**	**Unit**
Maximum output	9,0	9,0	9,6	10,6	9,1	kW
Minimum output	3,3	3,3	4,3	4,8	4,1	kW
Input rating (Hs)	12,0	12,0	12,7	13,7	12,1	kW
Gas usage high	1287	1287	1198	386	446	l/h
Gas usage low	560	560	587	180	212	l/h
Fluegas Temperature (12m vertical or testflue EN613)	315	315	349	367	360	°C
CO2 (12m vertical or testflue EN613)	5,10	5,10	5,52	5,50	4,75	%
Fluegas flow (12m vertical or testflue EN613)	7,85	7,85	7,83	10,12	10,13	gr/sec
Min. draught required	5	5	5	n.a.	5	Pa
Efficiency class (acc to EN613)	1	1	1	n.a.	1	
NOx class (acc to EN613)	5	5	5	5	5	
Efficiency (system efficiency)	n.a.	n.a.	n.a.	n.a.	n.a.	%
Energy Efficiency Index	82	82	83	84	84	
Energie Efficiency Class	**B**	**B**	**B**	B	**B**	

Modifications review

Date	Nature of modification
18-08-2014	New specification
28-04-2016	Propane values added
03-05-2017	Max. horizontal lengths for propane added
28-06-2017	Height now including flue spigot. NOx class added
26-10-2017	Update of gas technical specifications
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added