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Product specification Metro 80XT RCH and Metro 80XT Tunnel RCH *)

Model name	Metro 80XT RCH Metro 80XT Tunnel RCH			
Description	Metro 80XT: Balanced flue built in gas fire with frontal fire view, minimal frame and shallow build in depth. Several interiors available. Fire with (optional) either wood logs or (carrara) pebbles. Anti-reflective glass (Clear View) optionally. Metro 80XT Tunnel: Like Metro 80XT, but with two sided fire view (from front as well as from back). Interior black smooth.			
Purpose	Balanced flue fire			
Type of appliance	Build in fire			
Type of combustion	Closed combustion C11/C31/C91, with Powervent: C12/C32.			
Gas	Natural gas G20, G25.3 or G25, butane G30 and propane G31. Conversion from natural gas to propane vice versa not possible.			
Flame picture	Yellow fire with either twigs or pebbles			
Sizes	Metro 80XT: Engine WxHxD = 986x820 ... 870x379mm Metro 80XT Tunnel: Engine WxHxD = 986x820 ... 870x434mm Height including flue spigot. Depth excluding build in frame. Build in frame: WxHxD = 804x334mm Bottom side build in frame: min 190mm			
Flue spigot	Ø150/100mm			
Removal of combustion products	Natural draught. Powervent® possible.			
Flueing possibilities with wall terminal	gas	min. vertical	max. horizontal	notes
	natural gas	1.0m	3.0m	
	propane	1.0m	3.0m	
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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Ionisation detection. Separate ionisation electrode not only checks ignition, but also cross lighting of main burner. - Explosion hatches 			
Accessories and options	<ul style="list-style-type: none"> - PowerVent - Anti-reflective glass (Clear View) - Communication module (needed for external operation via tablet or domotics) - Extension legs 			
Weight	Metro 80XT: 88kg; Metro 80XT Tunnel: 96kg			
Including	Control hatch, wood logs or pebbles, glowing wool, remote control, batteries, socket wrench M8 (for glass window), adjustable wall mounting brackets plus mounting material and a straight connector 3/8" male/Ø15 compression nut.			



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Special features	<ul style="list-style-type: none"> - 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. - Vario burner® with zig zag (gives depth to flame picture) - Adjustable legs - Glas window type Slimline 2 - Maximum distance control hatch to the side of the appliance: <ul style="list-style-type: none"> - left 35cm (for natural gas, for propane: 45cm) - right 35cm (for natural gas, for propane: 45cm)
CE-ID (PIN)	0063CM3973

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G30	G31	Unit
Maximum output	5,1	5,1	5,4	6,4	5,7	kW
Minimum output	2,3	2,3	3,0	3,1	2,8	kW
Input rating (Hs)	7,3	7,3	7,7	8,4	7,9	kW
Gas usage high	790	790	730	240	291	l/h
Gas usage low	368	368	388	126	156	l/h
Fluegas Temperature (12m vertical or testflue EN613)	317	317	321	330	333	°C
CO2 (12m vertical or testflue EN613)	3,40	3,40	3,80	5,51	4,40	%
Fluegas flow (12m vertical or testflue EN613)	7,16	7,16	6,90	6,42	7,81	gr/sec
Min. draught required	5	5	5	5	5	Pa
Efficiency class (acc to EN613)	1	1	1	1	1	
NOx class (acc to EN613)	5	5	5	5	5	
Efficiency (system efficiency)	88,0	88,0	88,9	89,2	88,8	%
Energy Efficiency Index	87	87	88	88	88	
Energie Efficiency Class	B	B	A	A	A	

Modification review

Date	Nature of modification
28-03-2014	New specification
26-10-2017	Update of gas technical specifications
28-06-2018	Update of several details
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added
12-05-2020	G31 versions approved for butane G30