Product specification Metro 150XT-41 RCH and Metro 150XT-41 Tunnel RCH *)

Model name	Metro 150XT-41 RCH Metro 150XT-41 Tunnel RCH

Description	Metro 150XT-41: Balanced flue built in gas fire. Frontal fire view, minimal frame.
	      Easily openable front window (Easy Release glass window).
	      Several interiors available. Anti-reflective glass (Clear View)
	      optionally. Several burner beds available.
	Metro 150XT-41 Tunnel:
	      As Metro 150XT-41 RCH, but with two sided fire view (front as well
	      as back side).). Easy release glass window at one side.

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 and propane G31. Conversion from natural gas to propane, vice versa, not possible.
Flame picture	Yellow fire with either twigs, pebbles or grey stones
Sizes	Metro 150XT-41: WxHxD = 1708x988…1008x409mm Metro 150XT-41 Tunnel: WxHxD = 1708x988…1008x475mm (height including flue spigot) Build in plaster trim: WXH = 1553x428mm Bottom of build in frame: min. 218mm.
Flue spigot	Ø200/130mm, top side in the middle
Removal of combustion products	Natural draught. Powervent® possible.

Flueing possibilities with wall terminal	gas	min. vertical	max. horizont	notes
	natural gas	0.8m	5m	Wall terminal Ø200/130
	propane	0.8m	5m	Wall terminal Ø200/130

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, smartphone or domotics) - Anti-reflective glass - Extension legs
Weight	Metro 150XT-41: 190kg Metro 150XT-41 Tunnel: 190kg
Including	Control hatch, wood logs, pebbles or grey stones, glowing wool, remote control, batteries, socket wrench no 8 (window glass), mounting material M8, connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm
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. - Tiltable, bottom hinged, removable glass window (Easy Release door system®), to be opened with one hand movement, for easy cleaning of the glass. - Vario burner® with zig zag (gives depth to flame picture) - Maximum distance control hatch to the side of the appliance:

		- left	30cm	(for natural gas, for propane: 35cm)
		- right	30cm	(for natural gas, for propane: 35cm)
CE-ID (PIN)	0063CM3803			

*) Consult installation manual for the details.

Gas type:	G25	G25.3	G20	G31	Unit
Maximum output	10,3	10,3	10,8	11,1	kW
Minimum output	4,9	4,9	5,9	5,3	kW
Input rating (Hs)	14,6	14,6	15,2	15,2	kW
Gas usage high	1562	1562	1427	571	l/h
Gas usage low	694	694	729	299	l/h
Fluegas Temperature (12m vertical or testflue EN613)	348	348	338	355	°C
CO_2 (12m vertical or testflue EN613)	4,20	4,20	4,25	5,00	%
Fluegas flow (12m vertical or testflue EN613)	11,60	11,60	12,17	12,08	gr/sec
Min. draught required	5	5	5	5	Pa
Efficiency class (acc to EN613)	2	2	2	2	
NOx class (acc to EN613)	4	4	5	5	
Efficiency (system efficiency)	88,3	88,3	87,9	88,5	%
Energy Efficiency Index	88	88	88	88	
Energie Efficiency Class	**A**	**A**	**A**	**A**	

Modification review

Date	Nature of modification
28-01-2015	New specification
10-10-2017	Full update
26-10-2017	Update of gas technical specifications
23-04-2019	Type of combustion: for appliances with PowerVent C12/C32 added