Product specification Metro 130XT-41 RCH and Metro 130XT-41 Tunnel RCH

Name	Metro 130XT RCH Metro 130XT Tunnel RCH
Description	Metro 130XT: Balanced flue built in gas fire. Frontal fire view, minimal frame. Easy release system. Several interiors available. Several burner beds available. Metro 130XT Tunnel: As Metro 130XT-41 RCH, but with two sided fire view (front as well as back side). Easy release system at one side.
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 or G25 and propane G31. Conversion from natural gas to propane, vice versa, not possible.
Flame picture	Yellow fire with either twigs or pebbles

Input rating (H_s) Max output Output range Gas usage high Gas usage low	G20: 14.6kW 10.8kW 5.6 – 10.8kW 1390 l/h 720 l/h	G25: 14.0kW 10.2kW 4.7 - 10.2kW 1500 l/h 690 l/h	G20: 14.6kW 10.8kW 5.6 – 10.8kW 1390 l/h 720 l/h	G31: 14.0kW 10.6kW 6.0 - 10.6kW 517 l/h 295 l/h
Flue gas flow rate Flue gas temperature CO2-max Min. draught required	11,3gr/sec 360°C 4,20% 5Pa	11,3gr/sec 360°C 4,20% 5Pa	11,0gr/sec 367°C 4,5% 5Pa	9,1gr/sec 355°C 5,2% 5Pa
Efficiency class	1	1	1	1

Energy label	B
CE-ID (PIN)	0063CM3071
Sizes	Metro 130XT-41: WxHxD = 1520x856…876x407mm Metro 130XT-41 Tunnel: WxHxD = 1520x856…876x476mm (height excluding back plate and flue spigot) Build in plaster trim: WXH = 1365x428mm Bottom of build in frame: min. 216mm.
Flue spigot	Ø200/130mm, top side in the middle
Removal of combustion products	Natural draught. Roof terminal, without bends: - reduce to Ø150/100 after 1st meter vertical Roof terminal with bends: - reduce to Ø150/100 after last bend Powervent® possible.

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

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 - Extension legs - Communication module (needed for external operation via tablet or domotics)
Weight	Metro 130XT-41: 160kg Metro 130XT-41 Tunnel: 160kg

Including	Control hatch, wood logs or pebbles, glowing wool, remote control, batteries, socket wrench no 8 (window glass), connector 3/8" male/Ø15 compression nut, and mains wire + plug (EU and UK) L=150cm
Special features	- Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames. - Easy release system (glass window openable with lever. Window hinged. Window is easily removable, can be lifted out of the henges. For ease of cleaning and maintenance). - Vario burner with zigzag, to give more depth to flame picture

Modification review

Date	Nature of modification
28-01-2015	New specification