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

|  |  |               |                 |       |
|--|--|---------------|-----------------|-------|
| Model name                               | Metro 80XT RCH<br>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.<br>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 (C <sub>11</sub> C <sub>31</sub> C <sub>91</sub> )   |               |                 |       |
| 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   |               |                 |       |
| Sizes                                    | Metro 80XT: Engine WxHxD = 986x820 ... 870x379mm<br>Metro 80XT Tunnel: Engine WxHxD = 986x820 ... 870x434mm<br>Height excluding wall mounting brackets and flue spigot<br>Build in frame: WxHxD = 804x334mm<br>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 <sup>2</sup> ).   |               |                 |       |
| Control                                  | Honeywell ESYS-02 system.<br>Control options: manual or thermostatic.<br>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:<br>- Wireless via tablet (Android or iOS) + app and WIFI, or<br>- 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.<br>- Explosion hatches   |               |                 |       |
| Accessories and options                  | - PowerVent<br>- Extension legs<br>- Communication module (needed for external operation via tablet or domotics)   |               |                 |       |
| Weight                                   | Metro 80XT: 88kg;<br>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.  |               |                 |       |
| Special features                         | - Eco-Wave-technics (programmable flame height as function of the time) for lower gas consumption and more lively flames.<br>- Vario burner<br>- Adjustable legs<br>- Glas window type Slimline 2  |               |                 |       |
| CE-ID (PIN)                              | 0063CM3973   |               |                 |       |

\*) Consult installation manual for the details.



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| <b>Gas type:</b>                                   | <b>G25</b> | <b>G25.3</b> | <b>G20</b> | <b>G31</b> | <b>Unit</b> |
|--|------------|--------------|------------|------------|-------------|
| Maximum output                                     | 5,1        | 5,1          | 5,4        | 5,7        | kW          |
| Minimum output                                     | 2,3        | 2,3          | 3,0        | 2,8        | kW          |
| Input rating (Hs)                                  | 7,3        | 7,3          | 7,7        | 7,9        | kW          |
| Gas usage high                                     | 790        | 790          | 730        | 291        | l/h         |
| Gas usage low                                      | 368        | 368          | 388        | 156        | l/h         |
| Flue gas temperature (at 12m vert. / acc to EN613) | 317        | 317          | 321        | 333        | °C          |
| CO2-max (at 12m vert. / acc to EN613)              | 3,40       | 3,40         | 3,80       | 4,40       | %           |
| Flue gas flow rate (at 12m vert. / acc to EN613)   | 7,16       | 7,16         | 6,90       | 7,81       | gr/sec      |
| Min. draught required                              | 5          | 5            | 5          | 5          | Pa          |
| Efficiency class (acc to EN613)                    | 1          | 1            | 1          | 1          |             |
| NOx class (acc to EN613)                           | 5          | 5            | 5          | 5          |             |
| Efficiency (system efficiency)                     | 88,0       | 88,0         | 88,9       | 88,8       | %           |
| Energy Efficiency Index                            | 87         | 87           | 88         | 89         |             |
| Energie Efficiency Class                           | <b>B</b>   | <b>B</b>     | <b>A</b>   | <b>A</b>   |             |

#### Modification review

| Date       | Nature of modification                 |
|------------|--|
| 28-03-2014 | New specification                      |
| 26-10-2017 | Update of gas technical specifications |
|            |  |
|            |  |