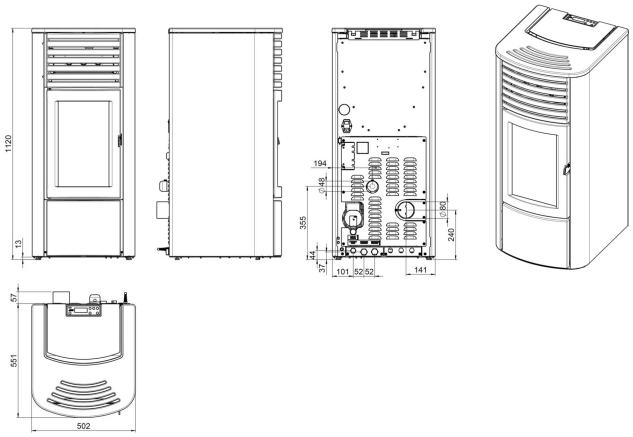
TECHNICAL SHEET

CLIO HYDRO 16 S2

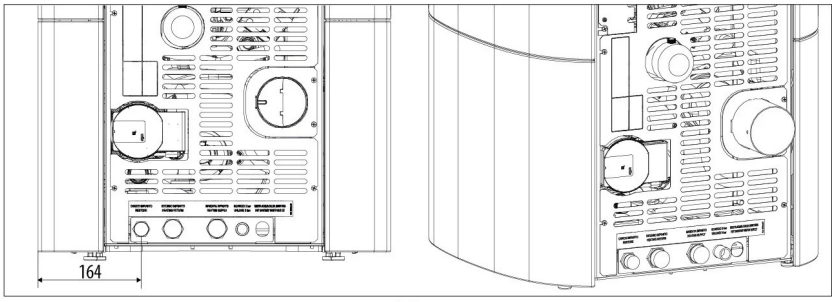
Rev. 2022102701

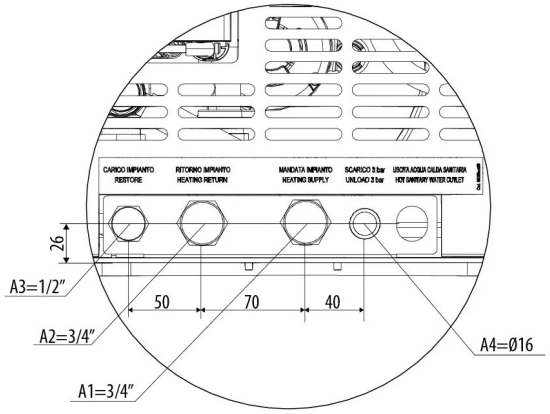


EN 14785
BImSChV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
5 stelle DM.186 / Conto Termico 2.0

(Max) nominal heat output	**16.1 kW**
(Max) nominal heat output (H_2O)	**12.9 kW**
Minimum heat output	**4.9 kW**
Minimum heat output (H_2O)	**3.4 kW**
Efficiency at Max	**93.7 %**
Efficiency at Min	**96.7 %**
Energy Efficiency Class (A++ / G scale)	**A++**
Energy Efficiency Index (EEI)	**132 %**
Seasonal space heating energy efficiency (ηs)	**89 %**
Temperature of exhaust smoke at Max	**116 °C**
Temperature of exhaust smoke at Min	**55 °C**
Particulate/OGC / Nox (nominal at 13%O2)	**13 - 2 - 95 mg/Nm3**
CO at 13% O_2 at Min and at Max	**0.012 - 0.008 %**
CO_2 at Min and at Max	**7.9 - 11.9 %**
Boiler liters content	**14 l**
Maximum operating pressure	**2 bar - 200 kPa**
Recommended draught at Max power	**10 Pa**
Minimum draught allowed for minimum power	**2 Pa**
Mass of smoke at Min and at Max	**4.5 - 9.8 g/sec**
Hopper capacity	**40 l**
Fuel dimensions	**Ø 6mm L 3 ÷ 40mm**
Hourly consumption at Min and at Max	**1.1 - 3.6 kg/h ***
Autonomy at Min and at Max	**24 - 7.222 h ***
Heatable volume m3	**293 - 460 - 805 ****
Combustion air inlet	**Ø 50 mm**
Air inlet	**80 cm2**
Smoke outlet	**Ø 80 mm**
Nominal electrical power (EN 60335-1).	**117 W (max 343 W)**
Supply voltage and frequency	**230 Volt / 50 Hz**
Net weight	**195 kg**
Distance from combustible material (back/side/under)	**200 mm / 200 mm / 0 mm**
Distance from combustible material (front/ceiling)	**750 mm / 1000 mm**

* Data that may vary depending on the type of pellets used.
**Heatable volume based on the requested power per m3 (respectively 55-35-20 W/m3)





A1 = Heating water delivery
A2 = Heating water return
A3 = System filling/Domestic cold water inlet
A4 = System outlet
A5 = Domestic hot water outlet

It is strongly recommended to wash the entire system before connecting it in order to get rid of residues and deposits. Always install shutters in the system leading to the stove so as to disconnect it from the hydraulic system should it be necessary to move it, or when it requires routine and/or special maintenance. Connect the stove using flexible pipes so that the stove is not excessively constrained to the system, and to allow slight movements.