

Technical notice n°1197 10/01/2014

GRAPPUS



focus

description

The Grappus is a self-supporting, closed, airtight wood stove.

The combustion chamber is attached to the supporting tube (5 screws):

- Three-layer steel hearth

- Interior walls of hearth lined with refractory materials:

Side walls + roof: 20mm vermiculite - 750kg/m3

Floor: 30mm refractory slab

- removable (no tools required) baffle plate in flue outlet (for easy chimney-sweeping)
- removable backflow baffle plate and ash pan
- post-combustion system
- flow of fresh air along the glass panel
- combustion air drawn from exterior or from the room
- detachable side door
- hexagon-socket heat-resistant handle
- weight: 112 kg

The floor plate is attached inside the base of the supporting tube using 4 M12 X 100 expansion screws (supplied with the fireplace).

The supporting tube serves both as the base and the flue, supporting the different parts of the fireplace (outlet Ø 219.1 mm). Weight: 35 kg

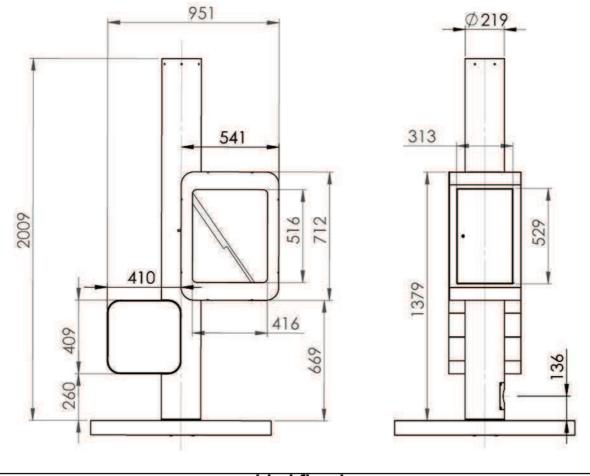
The wood rack, incorporated into the fireplace, is attached to the supporting tube (2 flat-head screws). Weight: 28 kg

Guaranteed efficiency with a minimum flue length of 4 m (interior plus exterior).

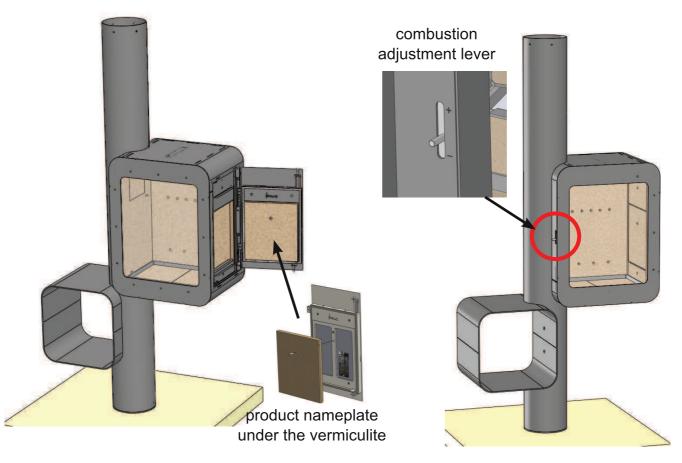
performance

- heat output : 8 Kw
- efficiency : 78%
- CO at 13% of O2 : 0.12%
- particle emission : <75 mg/Nm3

dimensions

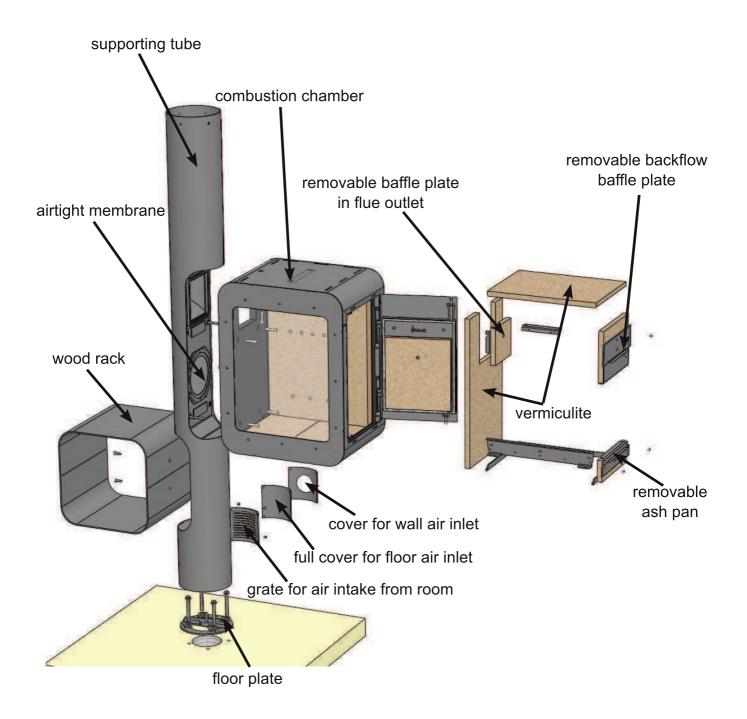


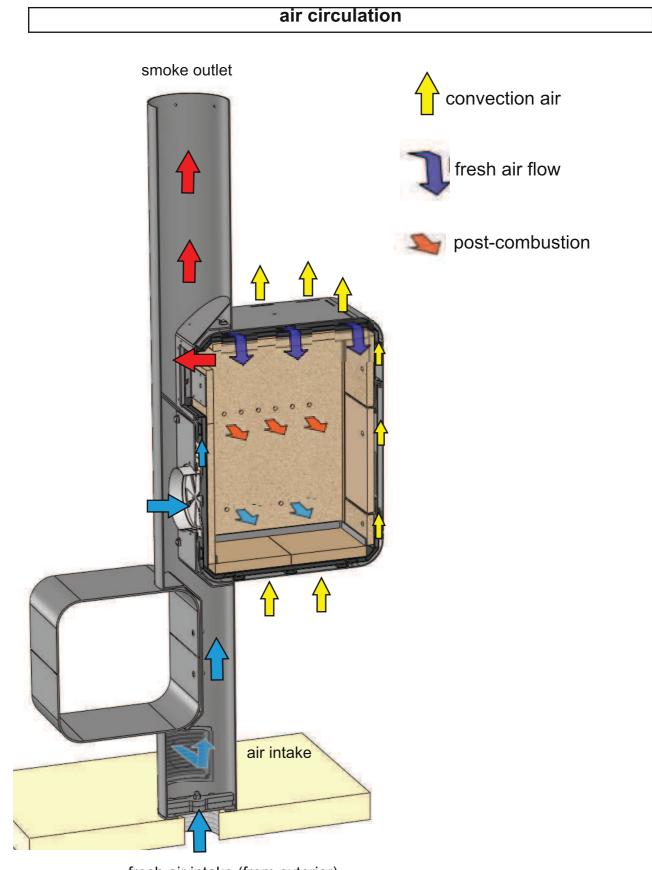
assembled fireplace



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assembly (as per assembly instructions)





fresh air intake (from exterior)