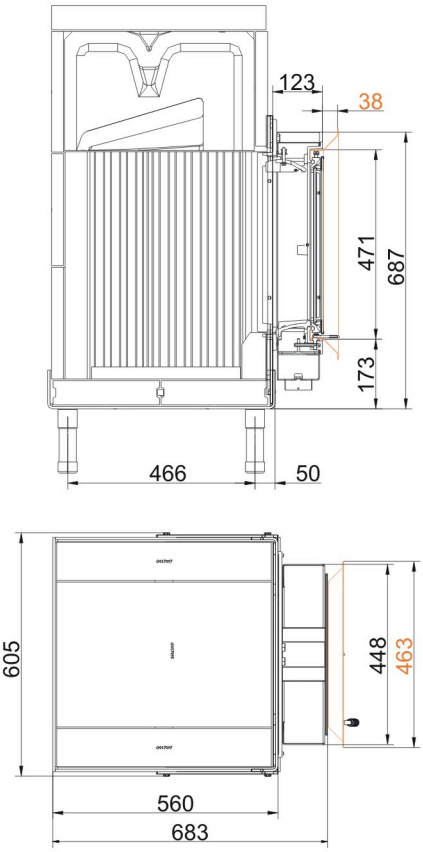
BRUNNER MASONRY STOVES

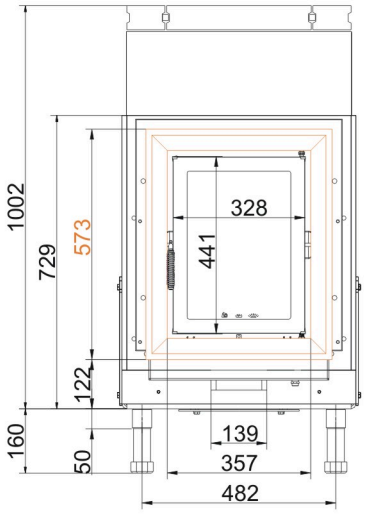
# GOF 37x37

State: 2023-09-11

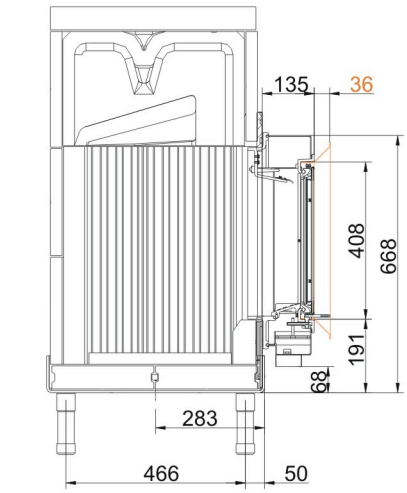

BRUNNER®
made in germany.

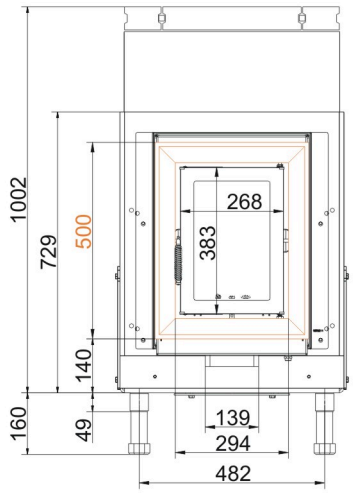
# Dimension sheets - GOF 37x37




**… with accumulation stove door HKD 5.1/12, steel door frame**




**… with accumulation stove door HKD 6.1, steel door frame**

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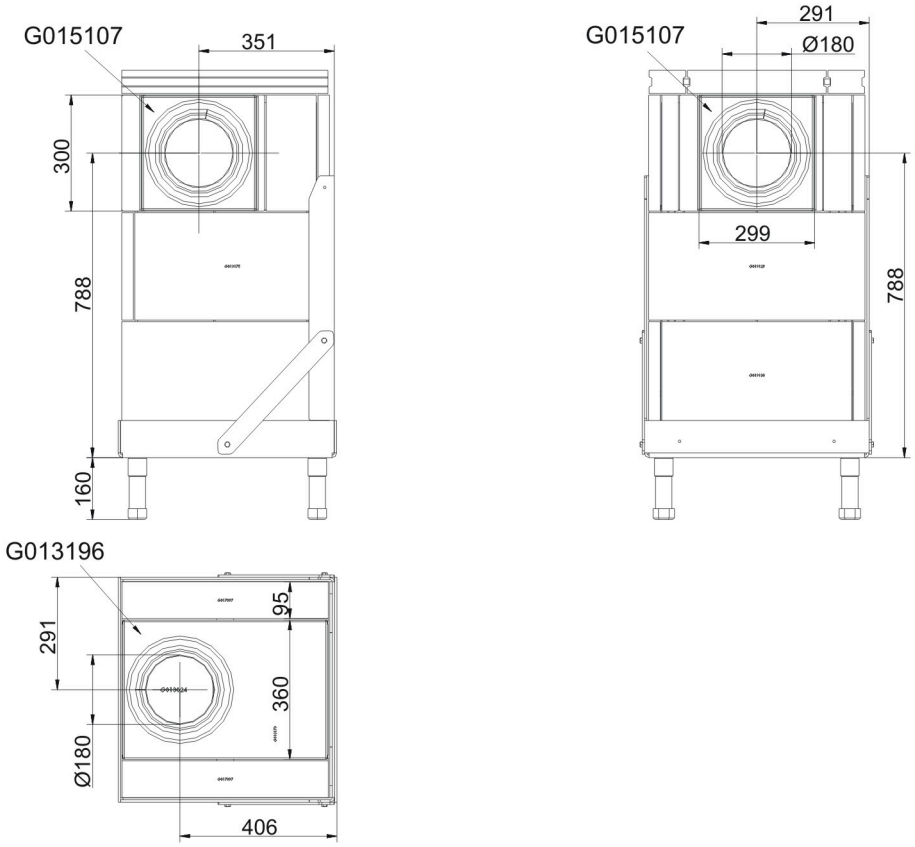
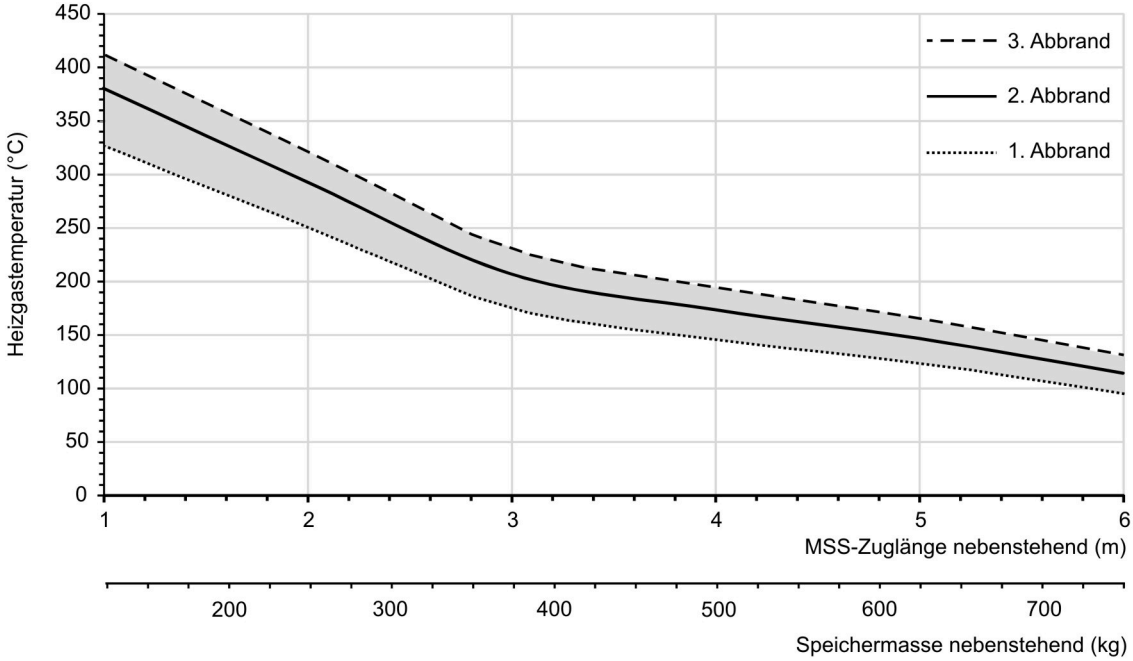



**… with ceramic connection stones**




**Design characteristics for adjacent storage mass**

We suggest for CAD planning Palette CAD. Permanent updated drawings: www.brunner.de
Frames/ flue gas outlet connection/ combustion air supply connection/ front variants/ support bearing are marked in color.

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# Planning and installation - GOF 37x37

| Tested according to | | EN 15250 | EN 15250 |
|---|---|---|---|
| Values measured at | | top-mount accumulator | adjacent accumulator |
| ceramic accumulator [1)] | kg | 200 | 400 |
| MSS | m / kg | 1,4; 180 | 3,4; 420 |
| Suitable for all construction types according to rules | | OK | OK |
| **Data for functional demonstration** | | | |
| Fire wood volume | kg/h | 7.1 | 8.3 |
| Combustion performance | kW | 28.4 | 31.6 |
| Flue gas mass flow | g/s | 22 | 24.4 |
| Outlet temperature (before reheating surface) | °C | 560 | 560 |
| Flue gas temperature after: | | | |
| ceramic accumulator [1)] | °C | 180 | 180 |
| accumulation stones (MSS) [1)] | °C | 240 | 195 |
| Necessary supply pressure [2)] | Pa | 13 | 13 |
| Load of wood 1st/2nd combustion cycle | kg | 7 + 4 | 8 + 5 |
| Combustion air consumption | $m^3/h$ | 64 | 75 |
| Combustion air connection Ø | mm | 125 | 125 |
| **Heating gas temperature (before the hood/dome variant)** | | | |
| insert flue outlet nozzle | °C | 560 | 560 |
| **Heat distribution** | | | |
| Insert / reheating surface | % | 30 - 40 / 50 | 30 - 40 / 50 |
| Glass pane (single / double) | % | - / 10 - 20 | - / 10 - 20 |
| **Weight** | | | |
| Total weight | kg | 380 | 380 |
| **Meets requirement/limit values for:** | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / - / - | |

1) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation
2) For GOF without storage mass;1m MSS = 0,4 Pa pressure drop

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Subject to technical and assortment changes. Errors excepted.
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