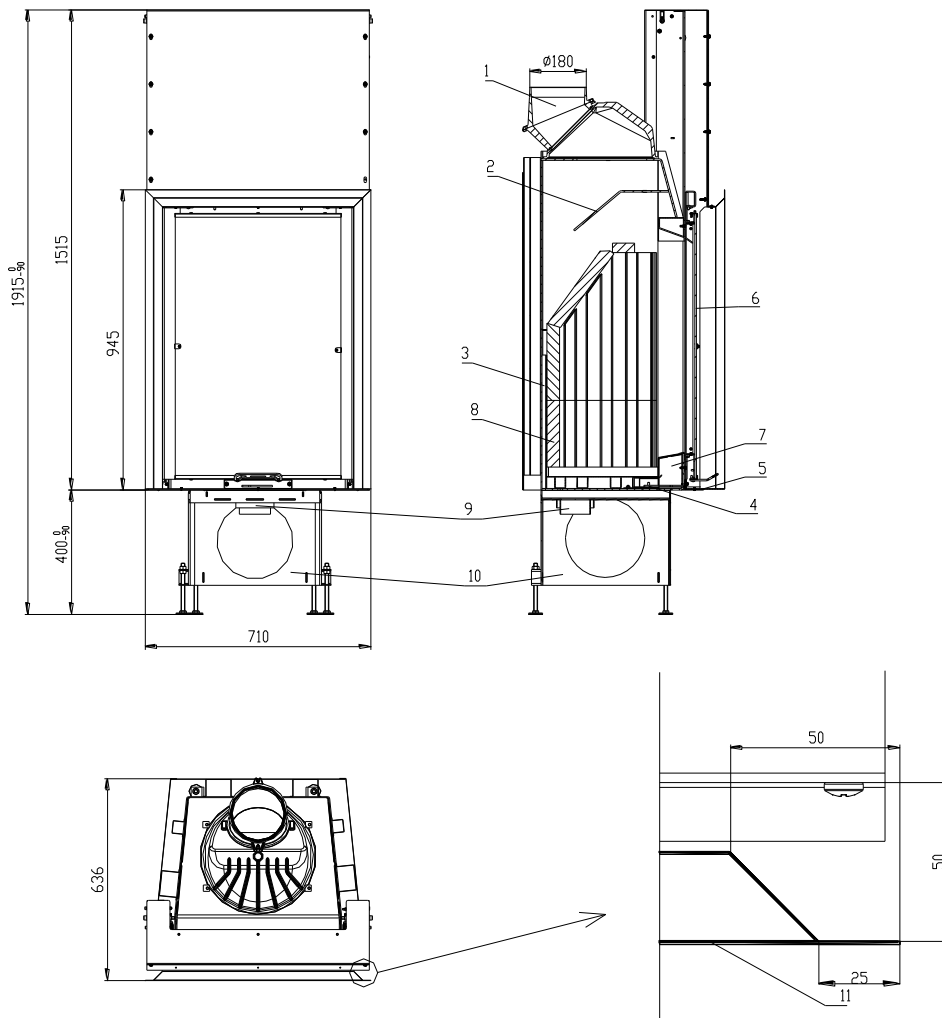


FIREPLACE INSERT TOWER in accordance with EN 13229

Schema:



Description:

- 1 smoke flue bellmouth
- 2 deflector
- 3 secondary chamber
- 4 suction regulation
- 5 controller of combustion air suction regulation
- 6 glass
- 7 primary chamber
- 8 fire-bricks
- 9 input of combustion air
- 10 stand
- 11 frame

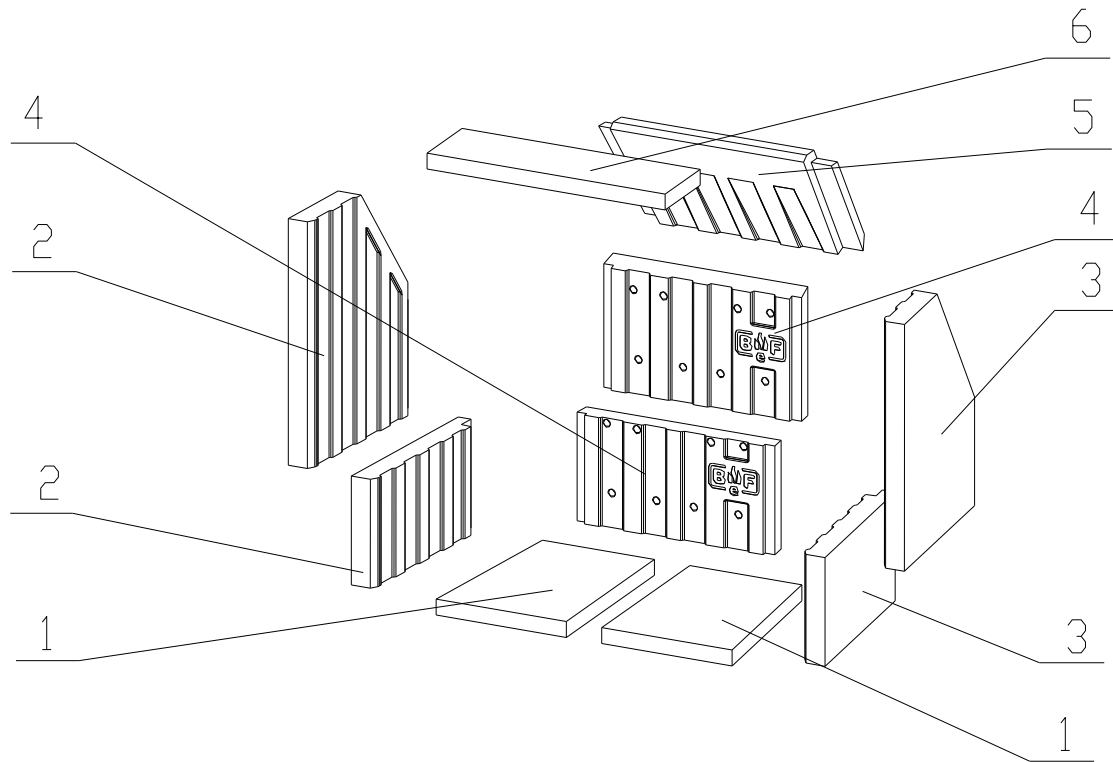
Technical data:

| | | Closed firebox |
|---|-------|-------------------|
| Nominal heat output | kW | 15 |
| Efficiency | % | 79 |
| Volume flow of combustion products | g/s | 14,7 |
| Flue-gas temperature | °C | 153 |
| Min. feed pressure at nom. heat output | Pa | 11 |
| Fuel | | wood (beech logs) |
| Fuel consumption per hour | kg/hr | 4,1 |
| CO emission in burnt gas (in relation to 13% O ₂) | % | 0,1 |
| Smoke flue diameter | mm | 180 |
| Weight | kg | 270 |

Nominal heat output listed on a type label is with:

| | | |
|--|-----------------------------------|-----------------------------|
| - favourable | Heating conditions sufficient for | 220 – 320 m ³ |
| - less favourable | | 130 – 220 m ³ |
| - unfavourable | | 90 – 130 m ³ |
| Min. diameter of convectional air input | | 927 cm ² |
| Min. diameter of convectional air output | | 1035 cm ² |
| One-hour input of convectional air | | 60 – 90 m ³ /hod |

Assembly of fire bricks firebox:



- 1** base
- 2** left side
- 3** right side
- 4** rear
- 5** deflector
- 6** vermiculite deflector



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06

EN 13229:2001 and A1:2004

Wood-burning fireplace insert EN 13229 – W calculated for a room heating
Type **Tower**

| | |
|--|---------------------------------|
| Distance from adjacent combustible materials: <small>¹⁾</small> | 7 + 10 cm of thermal insulation |
| CO emission in burnt gas (in relation to 13% O₂): | 0,1% |
| Burnt gas temperature: | 153°C |
| Heating capacity: | 15 kW of capacity for heating |
| Energy efficiency: | 79 % |
| Kinds of fuel: | wood (beech logs) |

Peruse and keep service instructions!

¹⁾ For details see Installation and Service Instructions