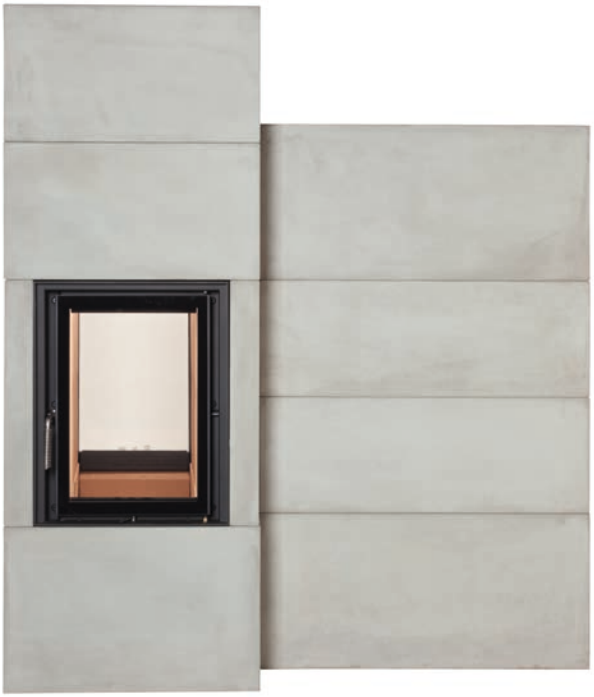
TILED STOVE KIT SYSTEM FROM BRUNNER

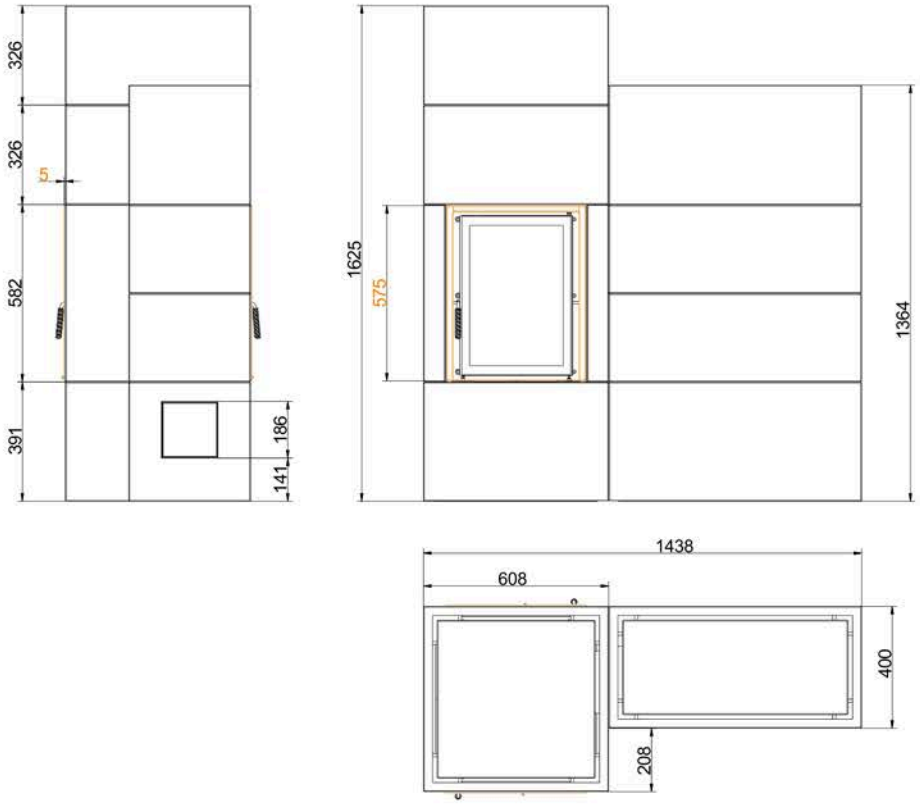


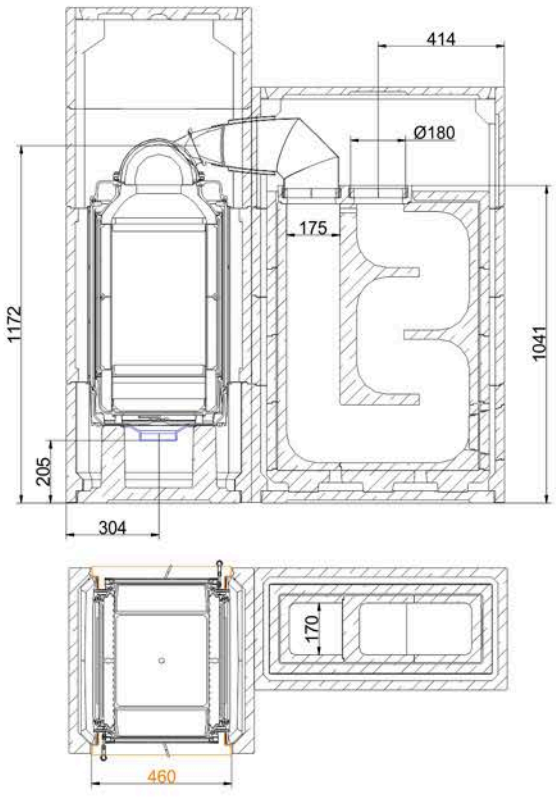
# BSO 03 Tunnel with HKD 2.2 Tunnel

State: 2023-02-01

BRUNNER®
made in germany.

# Dimension sheets - BSO 03 Tunnel with HKD 2.2 Tunnel



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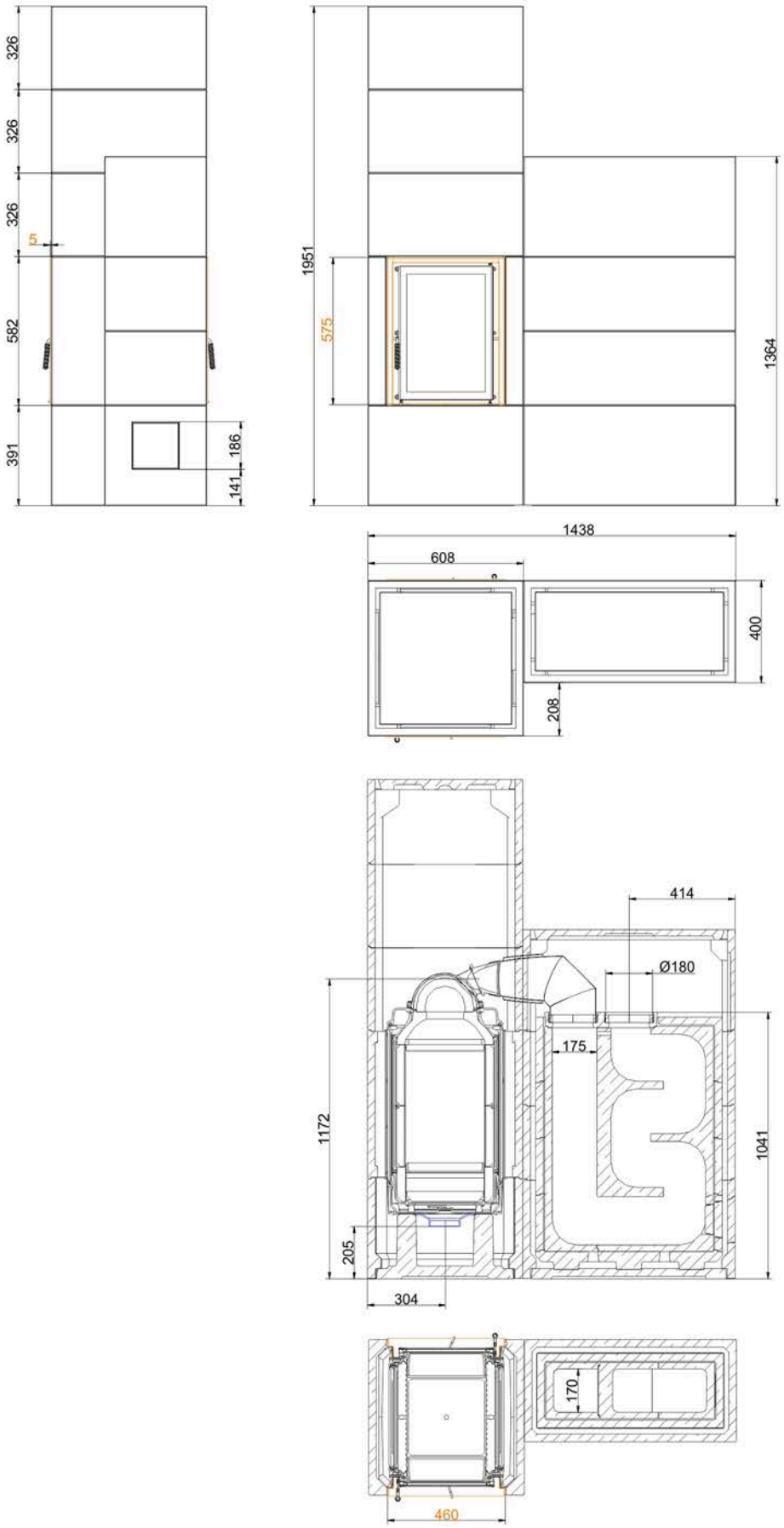


**… high**

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.

State: 2023-02-01

# Planning and installation - BSO 03 Tunnel with HKD 2.2 Tunnel

| | | |
|---|---|---|
| Tested according to | | EN 13229 |
| **Data for functional demonstration** | | |
| System power [1] | kW | 3.3 |
| Fire wood volume | kg/h | 4 |
| Flue gas mass flow | g/s | 17 |
| Flue gas temeperature | °C | 210 |
| Necessary supply pressure [2] | Pa | 15 |
| Combustion air consumption | $m^3/h$ | 45 |
| Combustion air connection Ø | mm | 125 |
| **Cladding components [3]** | | |
| Foot print (W x D) | mm | 1438 x 608 |
| Overall height | mm | 1625 |
| Height of extension ring | mm | 326 |
| **Minimal distances** | | |
| to mounting wall | cm | - |
| to mounting wall with heat protection panels | cm | 0 |
| to combustible mounting wall | cm | - |
| to combustible mounting wall with heat protection panels | cm | 5 |
| from top of fireplace to ceiling | cm | 40 |
| **Cross-section of gratings** | | |
| Convection air [4] | $cm^2$ | 416 / 215 |
| Supply air [5] | $cm^2$ | 400 |
| **Weight** | | |
| Total weight | kg | 960 |
| **Meets requirement/limit values for:** | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / - |

1) Load of wood 1st/2nd combustion cycle 4 + 3 kg (based on EN 15250)
2) Damper flap recommended
3) Quality features of the cladding components in concrete look (fair-faced concrete class 2-3)
   **Dimensional tolerances of the casting mold parts**
   Straightness: +- 2 mm/m
   Length/width/thickness: +- 2 mm
   Squareness: +- 2 mm
   Flatness: +- 2,5 mm
   **Surface to visible side**
   Textur: closed and largely uniform; repair areas with color changes and hairline cracks permissible.
   Porosity: max. three holes with diameter <10 mm and depth <10 mm (reference area 100x100 mm).
   Colour shade: uniform, large-area light/dark discolouration and cement haze permissible; no rust and dirt spots as well as different bulk layers.
   **Note:** deviations in color tone (e.g. extension rings) can be adjusted by applying a glaze-like paint (our recommendation: DecoLasur Matt tinted in the colour shade Schiefer16, Caparol).
   With the BRUNNER revision set (Art. No. 900300), touch-up work can be carried out on the cladding components.
4) Existing convection air openings. If the construction differs from the supplied system kit (e.g. construction up to the ceiling or closed construction), the information in the data sheet is decisive for carrying out the cross section of the convection air openings.
5) The opening for the air inlet must me made on site in the base.

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Subject to technical and assortment changes. Errors excepted.
State: 2022-12-01