

## TILED STOVE KIT SYSTEM FROM BRUNNER



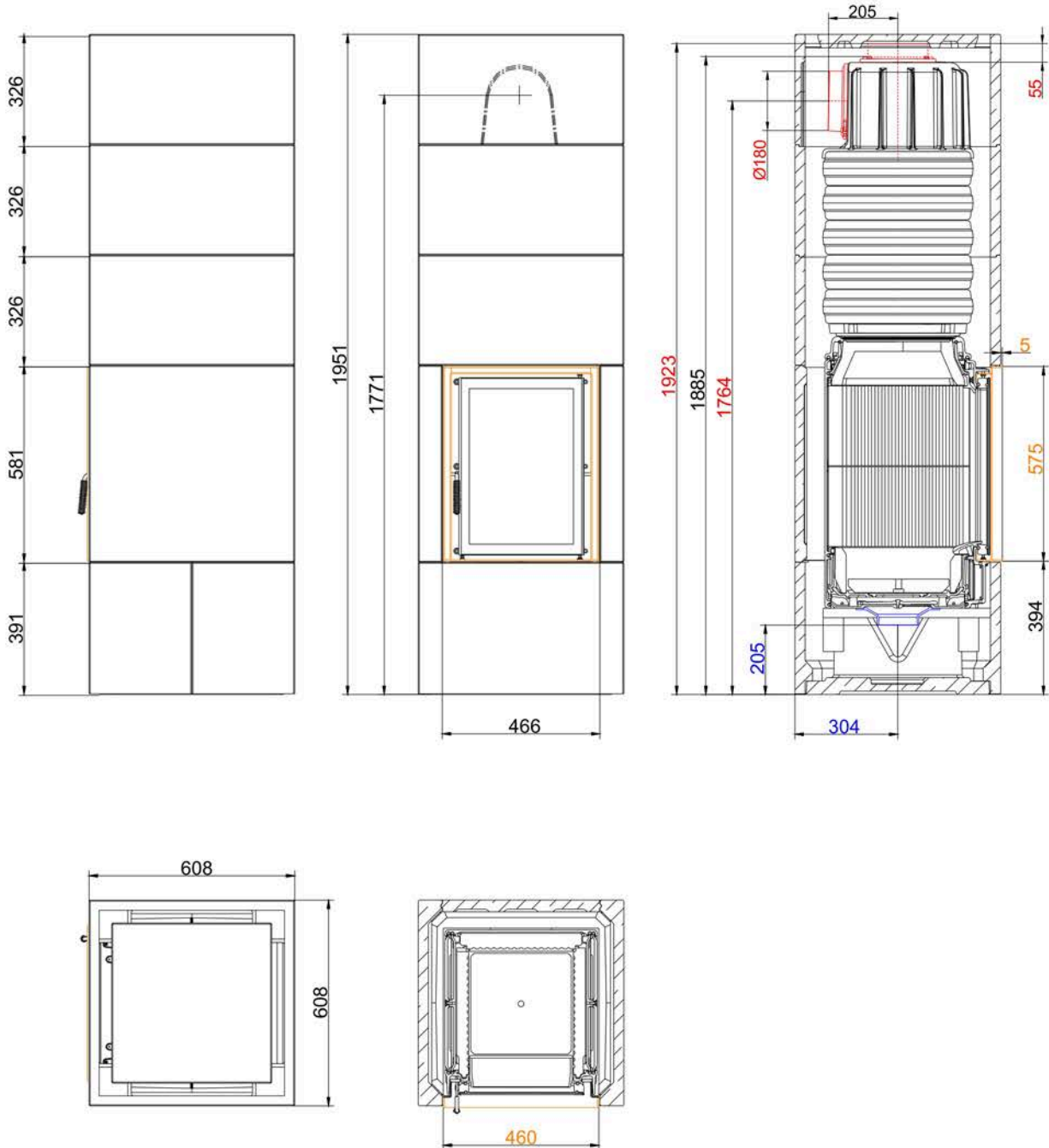
### BSO 02 Tunnel with HKD 2.2 Tunnel

State: 2023-11-27



**BRUNNER**<sup>®</sup>  
*made in germany.*

# Dimension sheets - BSO 02 Tunnel with HKD 2.2 Tunnel



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

# Planning and installation - BSO 02 Tunnel with HKD 2.2 Tunnel

Tested according to	EN 13229	
<b>Data for functional demonstration</b>		
Rated heat power	kW	9
Fire wood volume	kg/h	2.5
Flue gas mass flow	g/s	10
Flue gas temperature	°C	220
Necessary supply pressure <sup>1)</sup>	Pa	12
Combustion air consumption	m <sup>3</sup> /h	25
Combustion air connection Ø	mm	125
<b>Cladding components <sup>2)</sup></b>		
Foot print (W x D)	mm	608 x 608
Overall height	mm	1951
Height of extension ring	mm	326
<b>Minimal distances</b>		
to mounting wall	cm	5
to mounting wall with heat protection panels	cm	0
to combustible mounting wall	cm	10
to combustible mounting wall with heat protection panels	cm	5
from top of fireplace to ceiling	cm	40
<b>Cross-section of gratings</b>		
Convection air <sup>3)</sup>	cm <sup>2</sup>	215
Convection air <sup>4)</sup>	cm <sup>2</sup>	400
<b>Weight</b>		
Total weight	kg	654
<b>Meets requirement/limit values for:</b>		
Germany/ Austria / Switzerland / Norway	1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -	

- 1) Damper flap recommended
- 2) 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.

- 3) 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.
- 4) Air recirculation opening required without combustion air duct.