

TILE STOVE INSERTS FROM BRUNNER



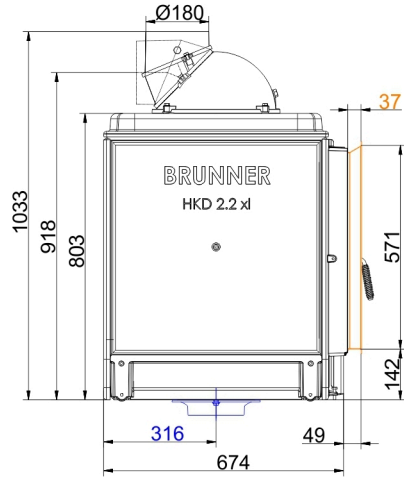
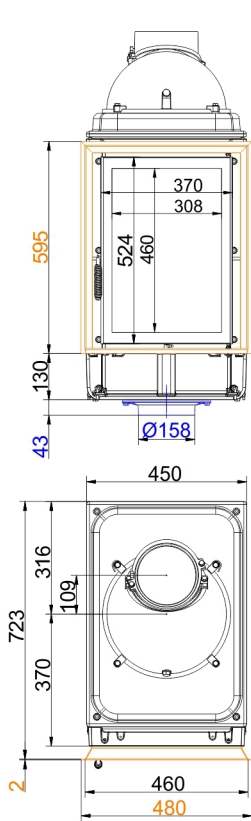
HKD 2.2 XL

State: 2023-08-29

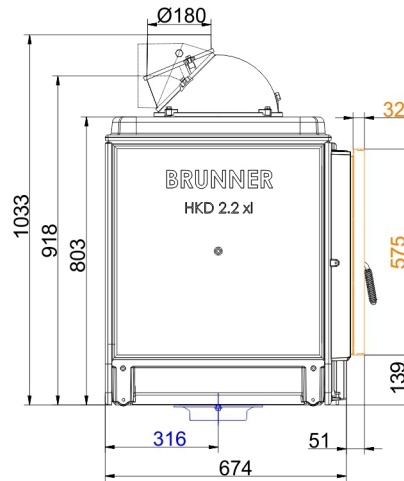
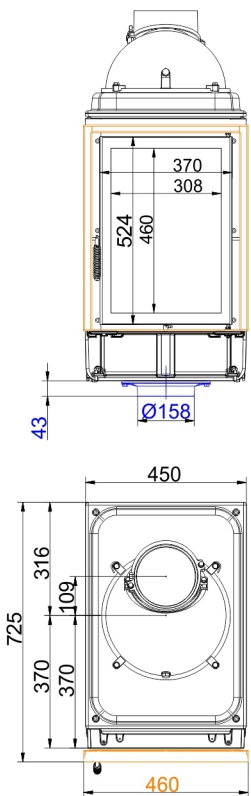


BRUNNER[®]
made in germany.

Dimension sheets - HKD 2.2 XL

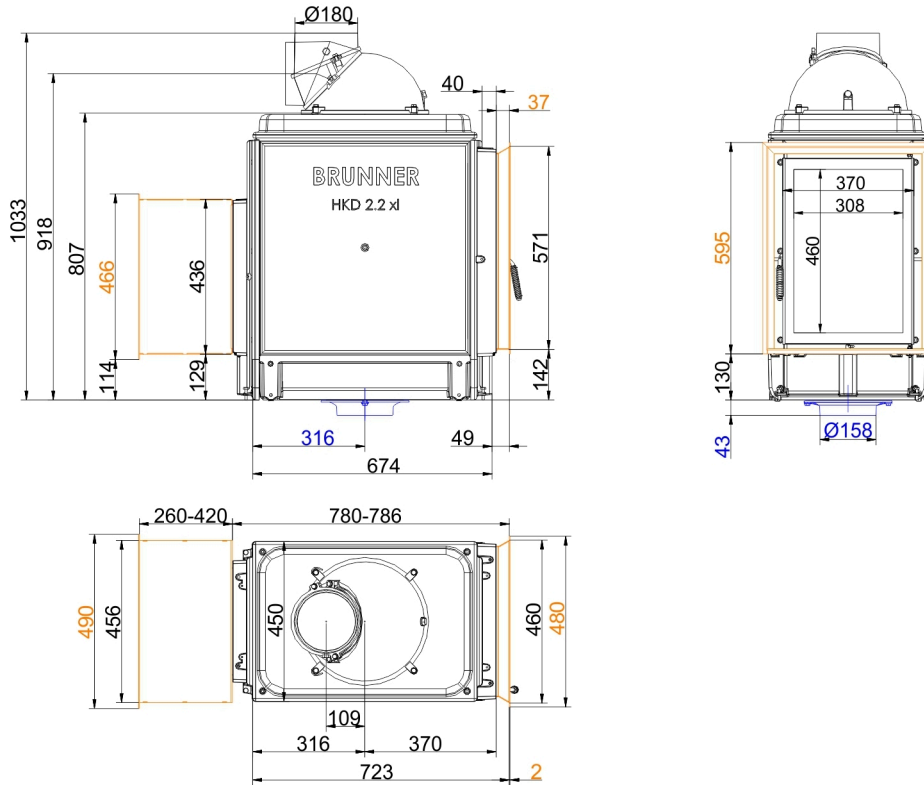


... flat with additional door and door frame

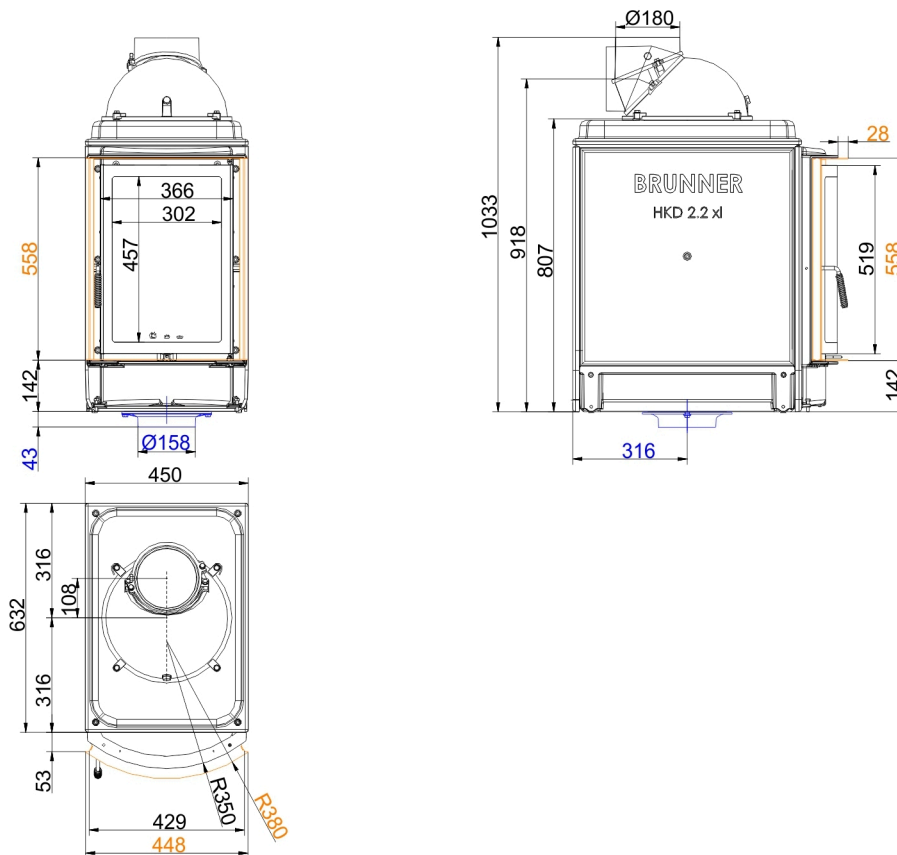


... flat with side-opening door and mounting frame

Dimension sheets - HKD 2.2 XL

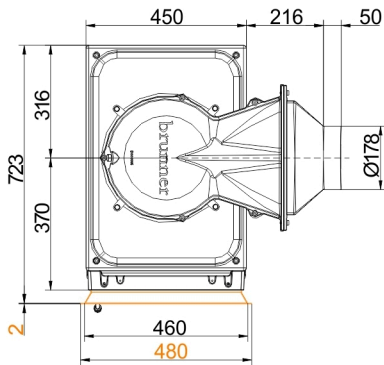
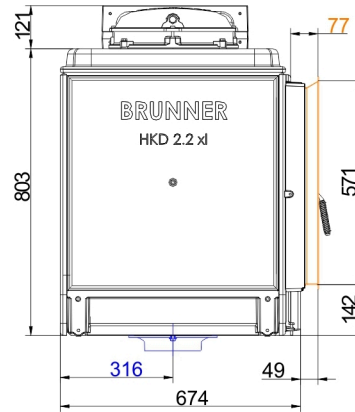
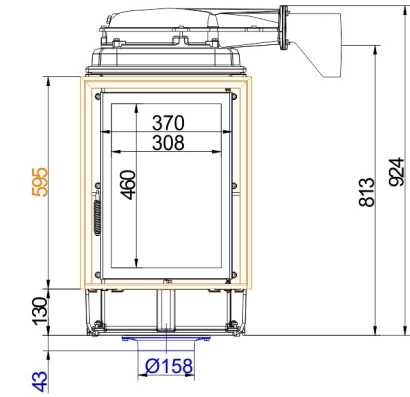


... flat with side opening door, door frame and DHT

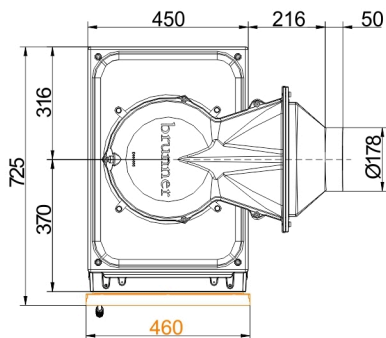
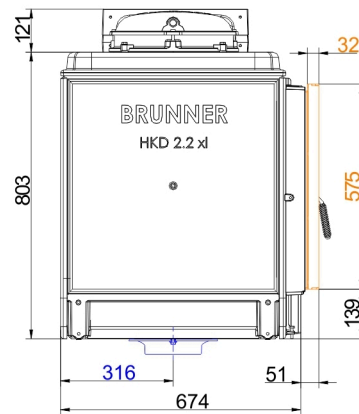
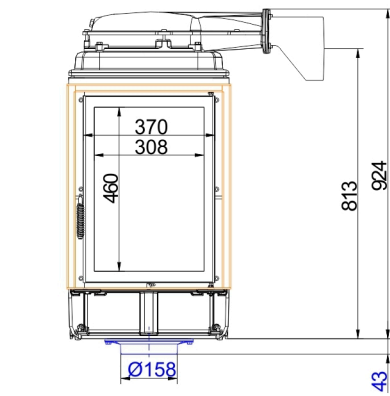


... round with additional door and door frame

Dimension sheets - HKD 2.2 XL

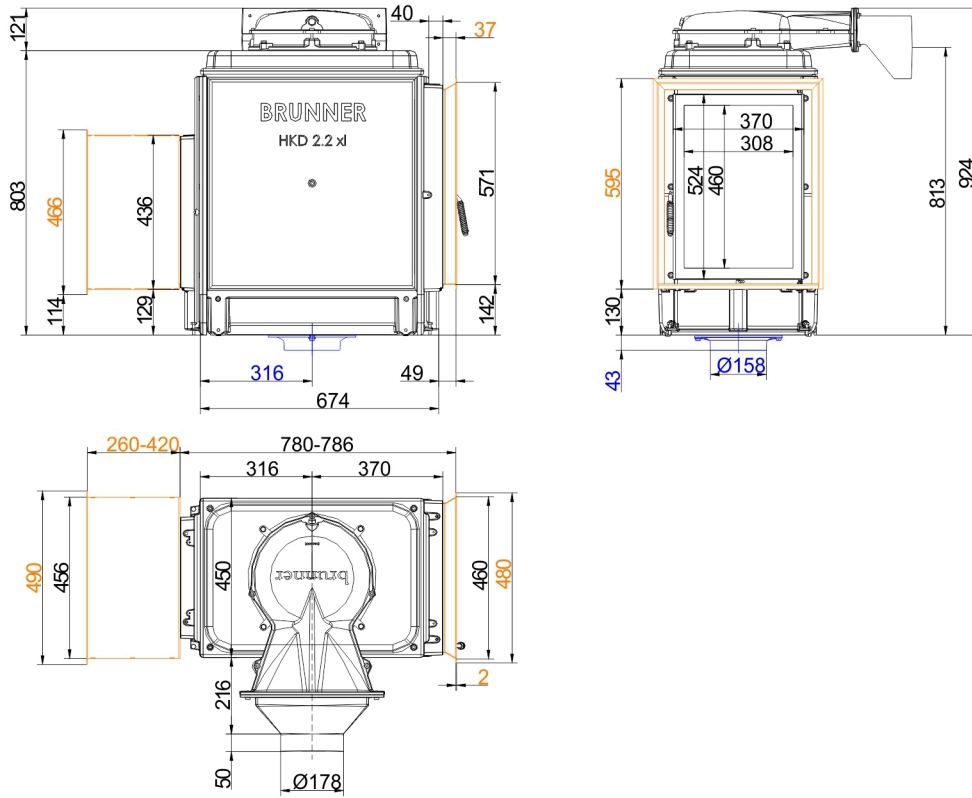


... flat, with lower cast iron dome and door frame

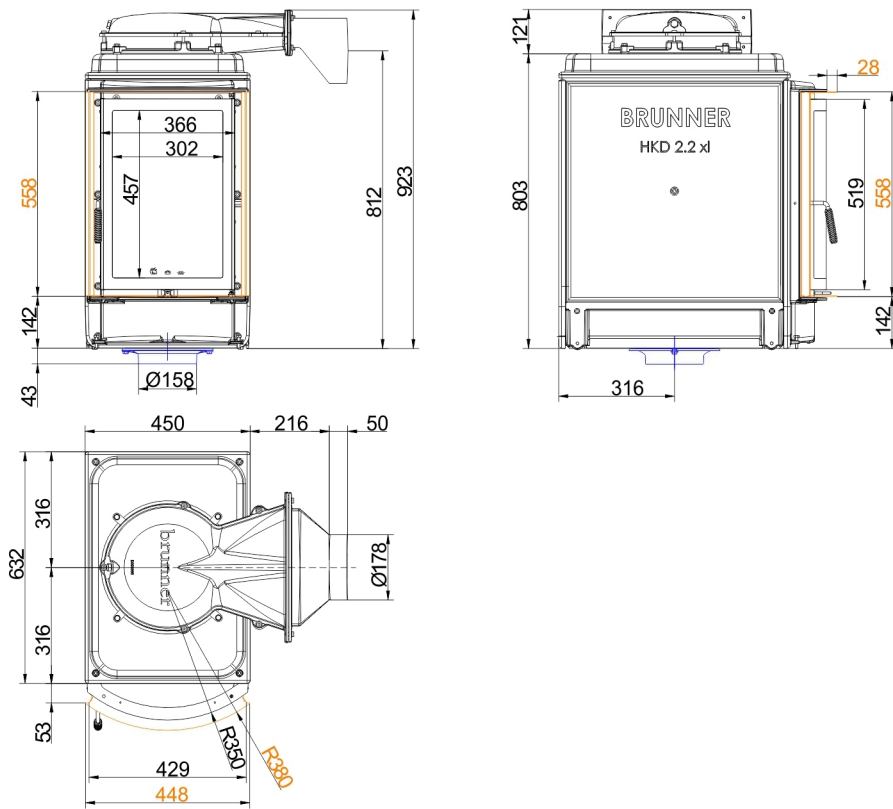


... flat, with lower cast iron dome, mounting frame

Dimension sheets - HKD 2.2 XL

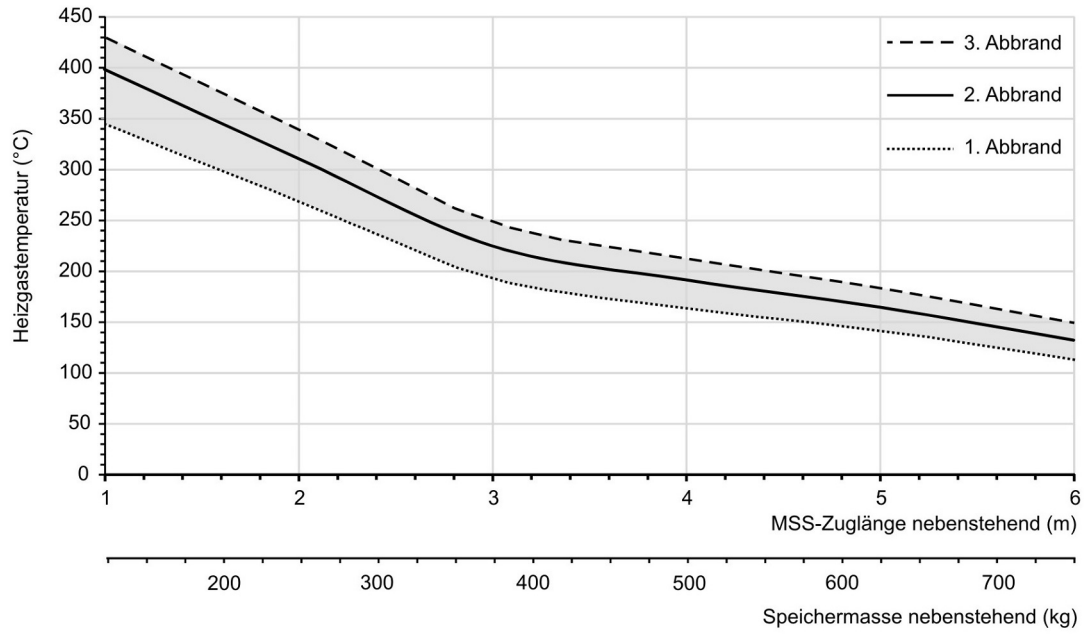


... flat with door frame, lower cast iron dome and additional door DHT



... round with lower cast iron dome, door frame

Dimension sheets - HKD 2.2 XL



... Auslegungsdiagramm für nebenstehende Speichermasse

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.

Planning and installation - HKD 2.2 XL

| Tested according to | | EN 13229 W | EN 13229 WA |
|---|-------------------|--|---------------------------------|
| Values measured at | | Rated power ¹⁾ | Storage operation ²⁾ |
| Suitable for all construction types according to rules | | OK | OK |
| Data for functional demonstration | | | |
| Rated heat power | kW | 13 | - |
| Fire wood volume | kg/h | 3.5 | 5 |
| Combustion performance | kW | 15 | 21 |
| Flue gas mass flow | g/s | 10 | 18.5 |
| Outlet temperature (before reheating surface) | °C | 520 | 540 |
| Flue gas temperature after: | | | |
| 1 x adjoining cast iron radiator (GNF 8/10) | °C | 190 | 210 |
| 4,9 m ceramic accumulator ³⁾ | °C | - | 180 |
| 3,4 m accumulation stones (MSS) ³⁾ | °C | - | 205 |
| Necessary supply pressure | Pa | 15 | 15 |
| Combustion air consumption | m ³ /h | 25 | 45 |
| Combustion air connection Ø | mm | 160 | 160 |
| Heating gas temperature (before the hood/dome variant) | | | |
| insert flue outlet nozzle | °C | 520 | 540 |
| Heat distribution | | | |
| Insert / reheating surface | % | 40 / 35 - 40 | 40 / 35 - 40 |
| Glass pane (single / double) | % | 25 / 20 | 25 / 20 |
| Cross-section of gratings ⁴⁾ | | | |
| Convection air | cm ² | 600 / 250 / 550 | 600 / 250 / 550 |
| Supply air | cm ² | 600 / 250 / 550 | 600 / 250 / 550 |
| Minimal distances of the fireplace | | | |
| to cladding, insulation layer | cm | 6 | 6 |
| to mounting floor | cm | 15 | 15 |
| Thermal insulation without / with air gratings ⁵⁾ | | | |
| Mounting wall | cm | 12 / 8 | 12 / 8 |
| Floor | cm | 0 | 0 |
| Ceiling | cm | 25 / 19 | 25 / 19 |
| Brick lining for combustible wall | cm | 10 | 10 |
| Weight | | | |
| Fireplace / combustion chamber | kg | 305 / 68 | |
| Meets requirement/limit values for: | | | |
| Germany/ Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BvG (2015) / LRV / - | |

- 1) Indications to "Rated power" determined with metallic reheating surface
- 2) Indications to "Storage operation" for the manual execution of the reheating surface (guide values).
- 3) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation
- 4) for fireplace inserts / flue gas pipe / metallic reheating surface
- 5) Values determined with upper air cross- sections; stove cladding is heat emitting