



HKD 2.2 Tunnel

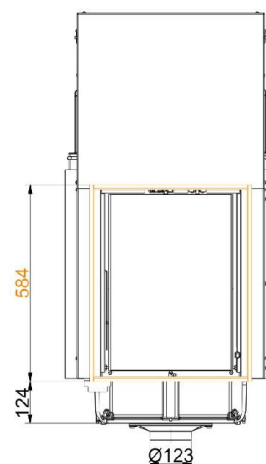
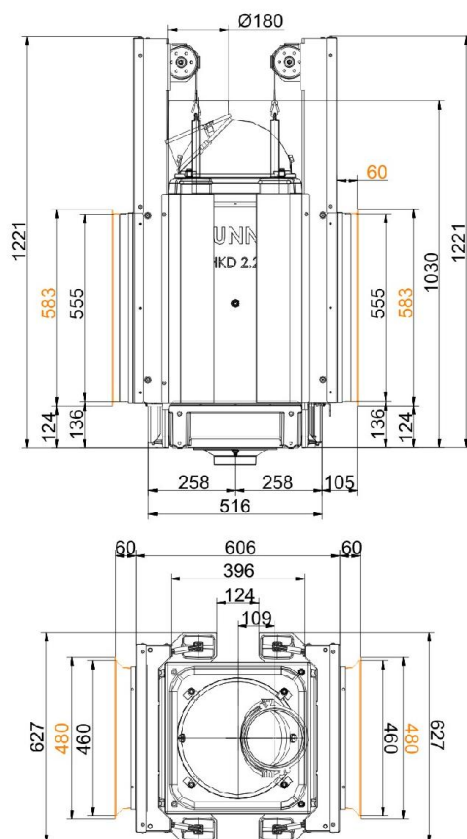
State: 01.04.2015



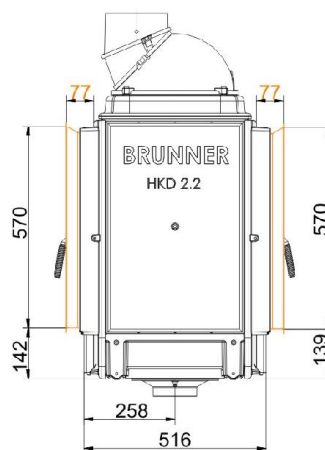
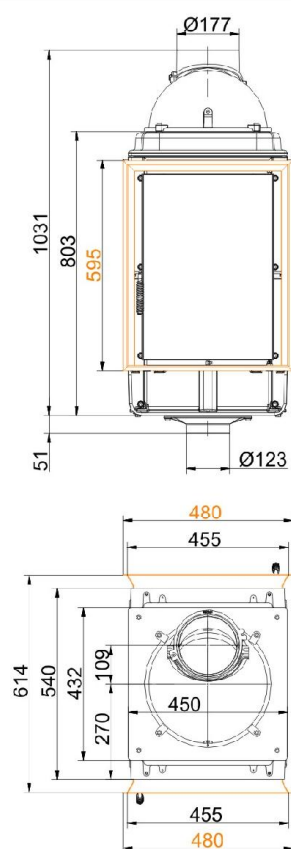
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made in germany



Dimension sheet | HKD 2.2 Tunnel

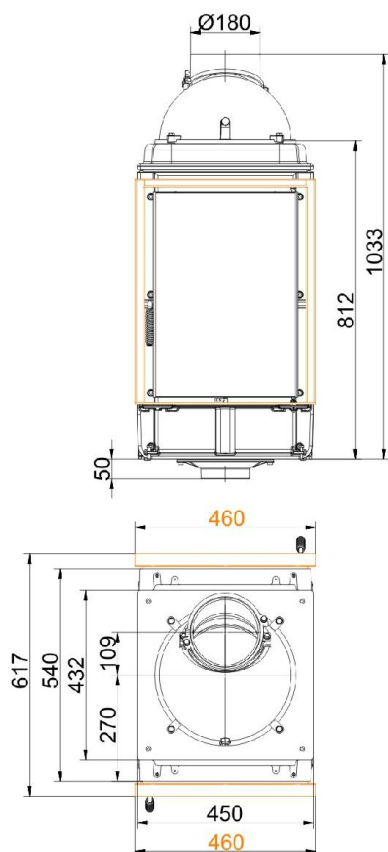


... flat glass with lifting door

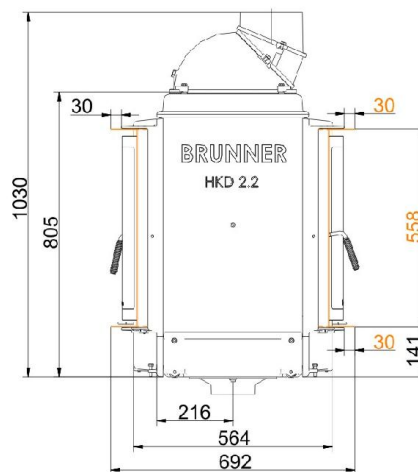
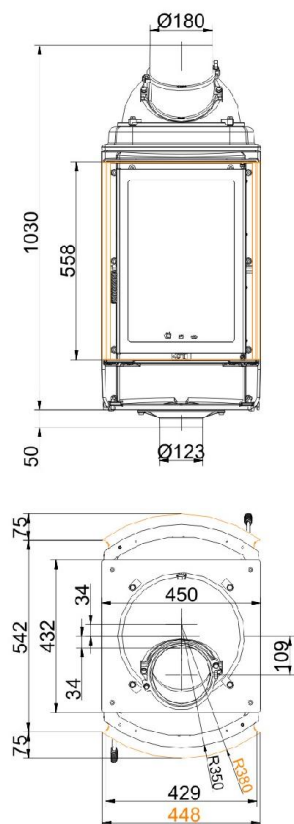


... flat glass with steel door frame

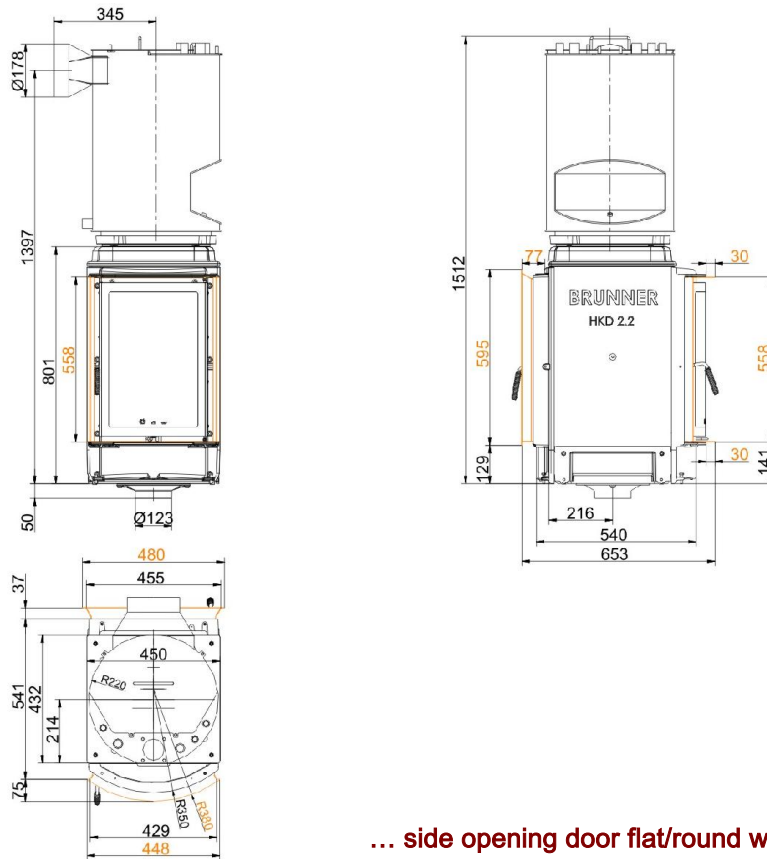
Dimension sheet | **HKD 2.2 Tunnel**



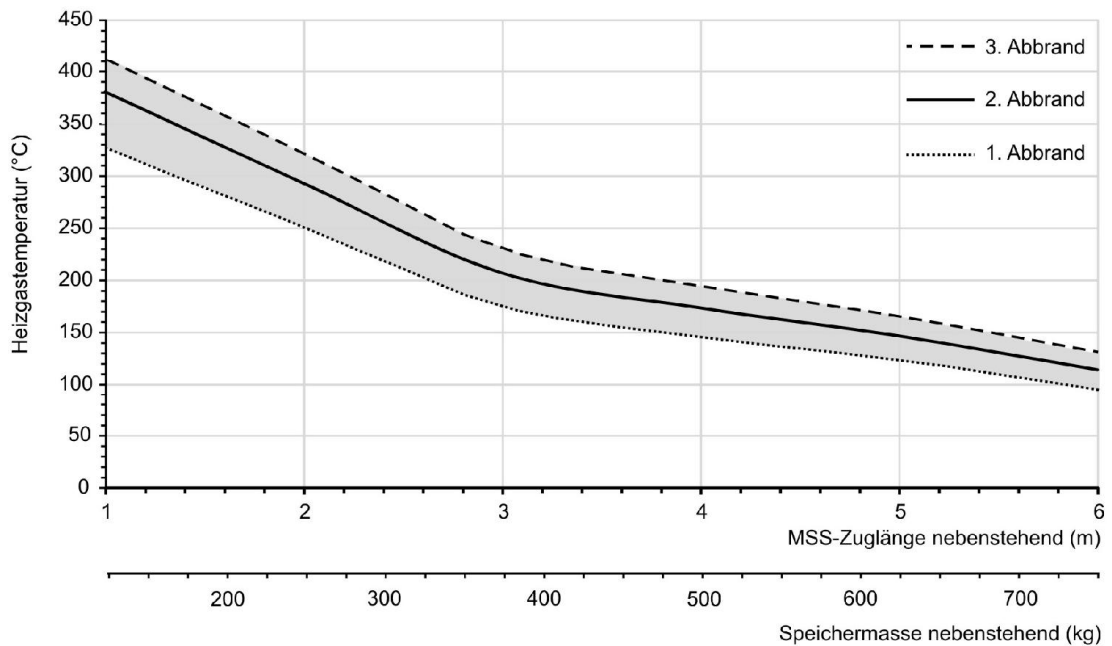
... flat with mounting frame made of crude steel



... round glass with steel door frame



... side opening door flat/round with boiler module



... design characteristics for adjacent storage mass

Planning and installation

HKD 2.2 Tunnel

| | | | |
|--|------|--|-----------------|
| Tested according to | | EN 13229 W | EN 13229 WA |
| Values measured at | | nominal load | accumulation |
| Suitable for all construction types according to rules | | OK | OK |
| Data for functional demonstration | | | |
| Rated heat power | kW | 9 | - |
| Firewood consumption | kg/h | 2,5 | 4 |
| Combustion performance | kW | 11 | 17 |
| Flue gas mass flow | g/s | 7 | 17 |
| Outlet temperature (before heating surface) | °C | 480 | 520 |
| Flue gas temperature after | | | |
| attached steel smoke hood | °C | - | - |
| 1 x adjoining cast iron radiator (GNF10) | °C | 145 | 165 |
| 6 x accumulation rings (MAS) 1) | °C | 220 | - |
| 4,1 m adjoining ceramic accumulator 2) | °C | - | 180 |
| 2,8 m accumulation stones (MSS) 2) | °C | - | 215 |
| water boiler | °C | 210 | - |
| Necessary supply pressure | Pa | 12 | 15 |
| Combustion air consumption | m³/h | 25 | 45 |
| Combustion air connection Ø | mm | 125 | 125 |
| Heat distribution | | | |
| Insert / heating surface | % | 40 / 30 - 35 | 40 / 30 - 35 |
| Glass (single / double) | % | 30 / 25 | 30 / 25 |
| Boiler | % | - | - |
| Vent cross-sections 4) | | | |
| Supply air | cm² | 500 / 250 / 550 | 500 / 250 / 550 |
| Warm air | cm² | 500 / 250 / 550 | 500 / 250 / 550 |
| Min. distances of fireplace | | | |
| To insulation layer | cm | 6 | 8 |
| To the ground | cm | 15 | 15 |
| Heat insulation without / with³) air gratings | | | |
| Adjacent wall | cm | 14 / 10 | 14 / 10 |
| Floor | cm | 0 | 0 |
| Ceiling | cm | 22 / 16 | 22 / 16 |
| Insulation of additional fire door DHT | cm | - | - |
| Brick lining of protected walls | cm | 10 | 10 |
| Weight | | | |
| Fireplace + burning chamber | kg | 199 + 46 | |
| meets requirement limit values for | | | |
| Germany / Austria / Switzerland / Norway | | 1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / - | |

1) Throttle flap recommended

2) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation

3) Values with air gratings, stove casing is heat conducting

4) for firebox / flue gas pipe / metallic reheating surface

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