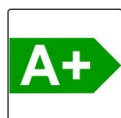


TILE STOVE INSERTS FROM BRUNNER



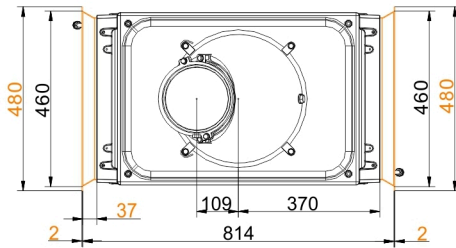
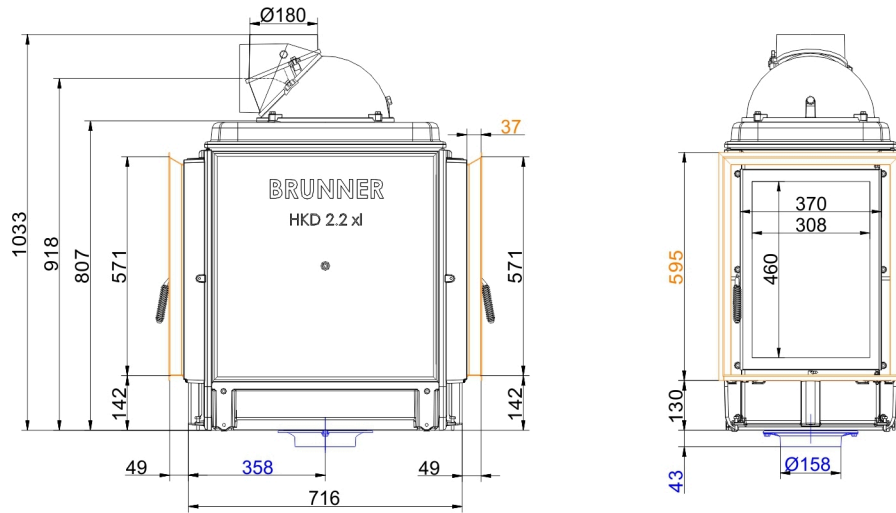
HKD 2.2 XL Tunnel

State: 2023-08-29

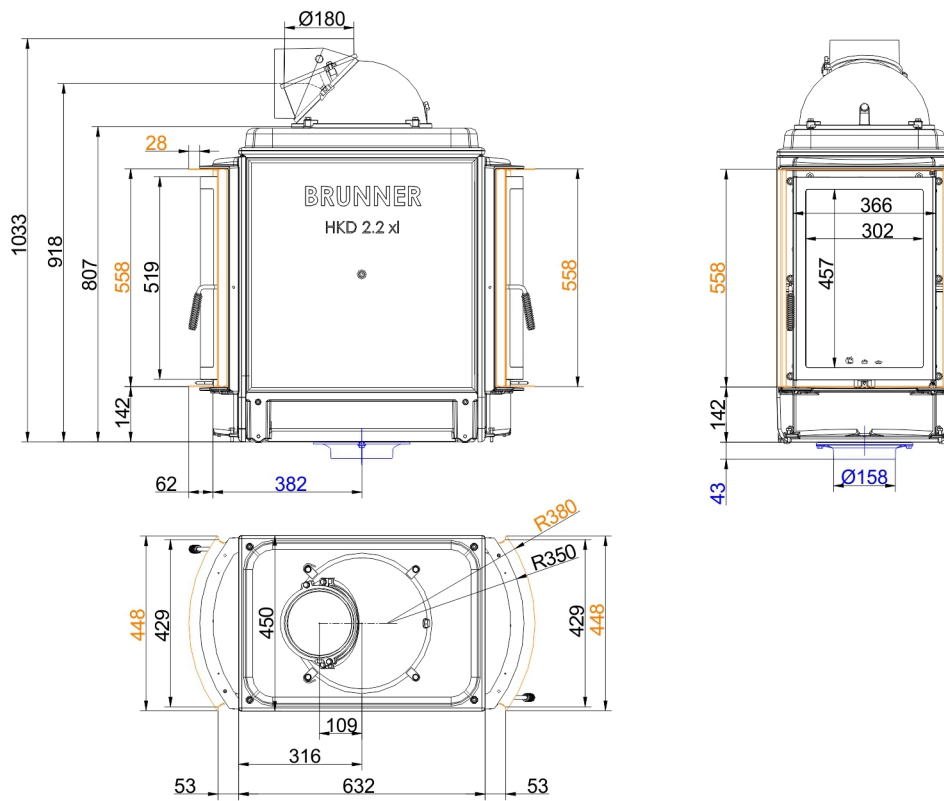


BRUNNER[®]
made in germany.

Dimension sheets - HKD 2.2 XL Tunnel

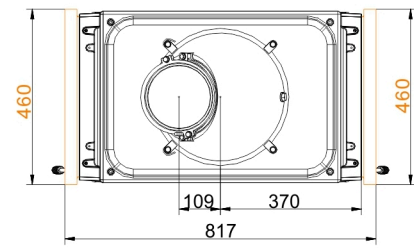
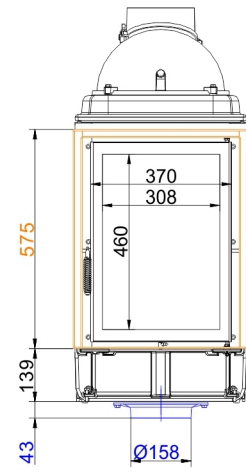
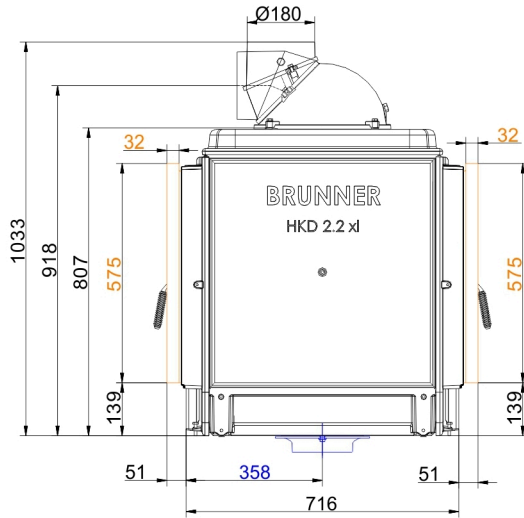


... flat with additional door and door frame

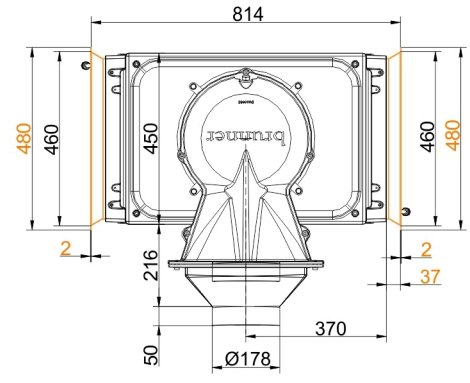
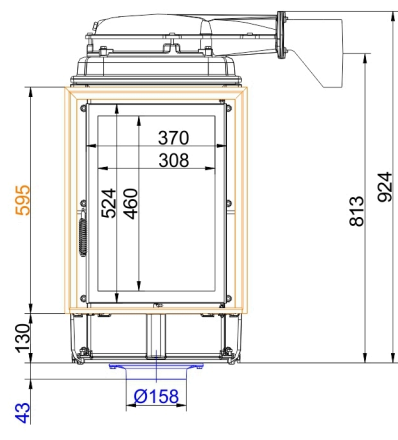
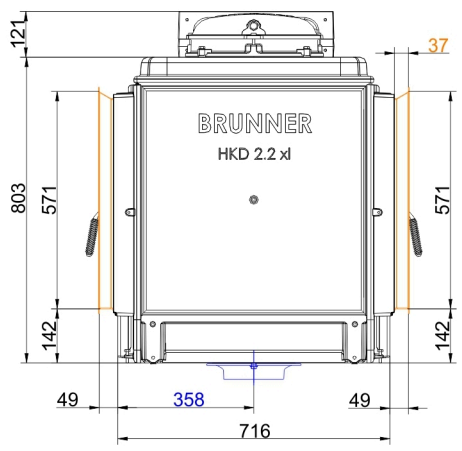


... round with additional door and door frame

Dimension sheets - HKD 2.2 XL Tunnel

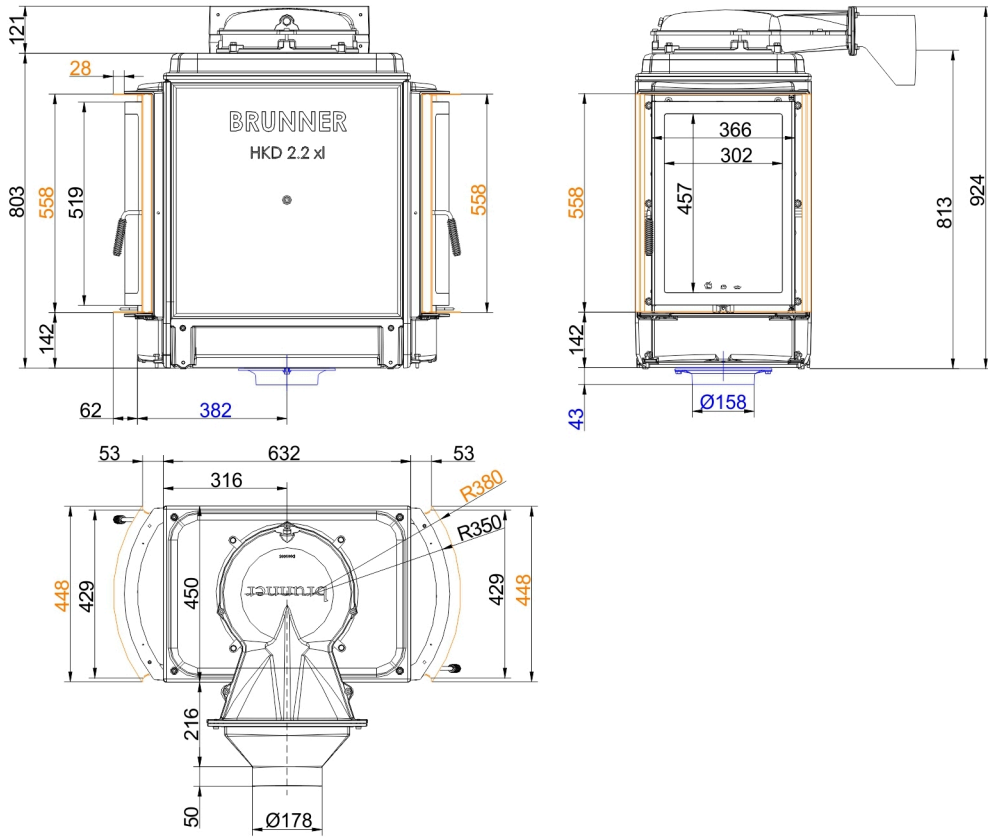


... flat with side opening door and mounting frame

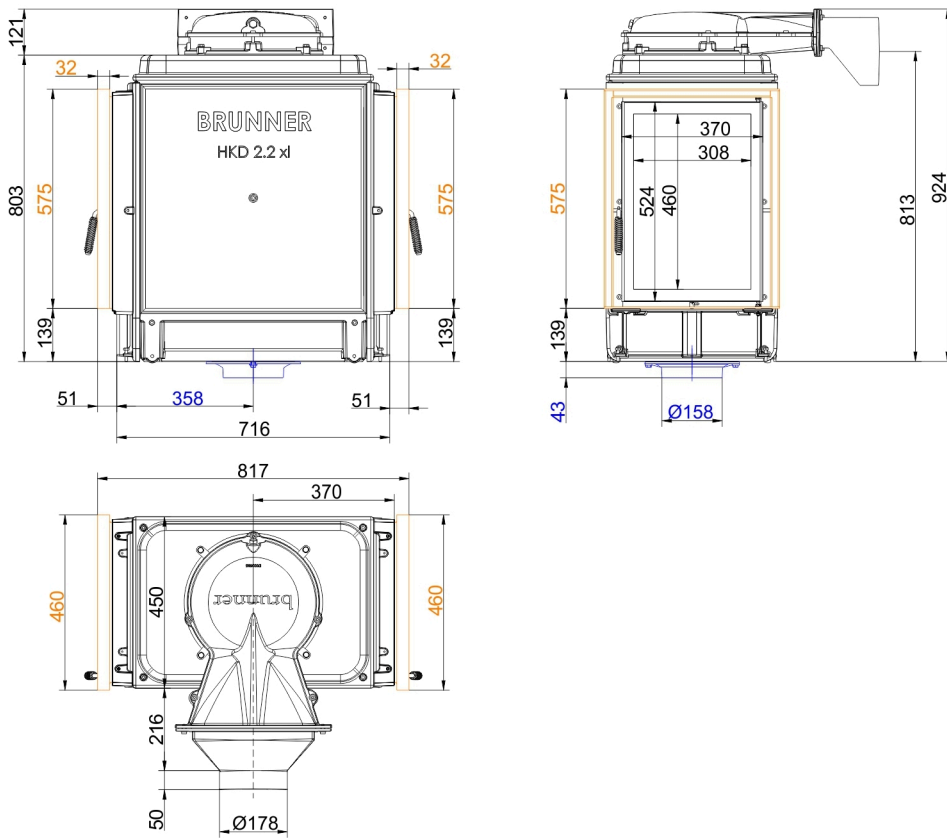


... flat, with lower cast iron dome and door frame

Dimension sheets - HKD 2.2 XL Tunnel

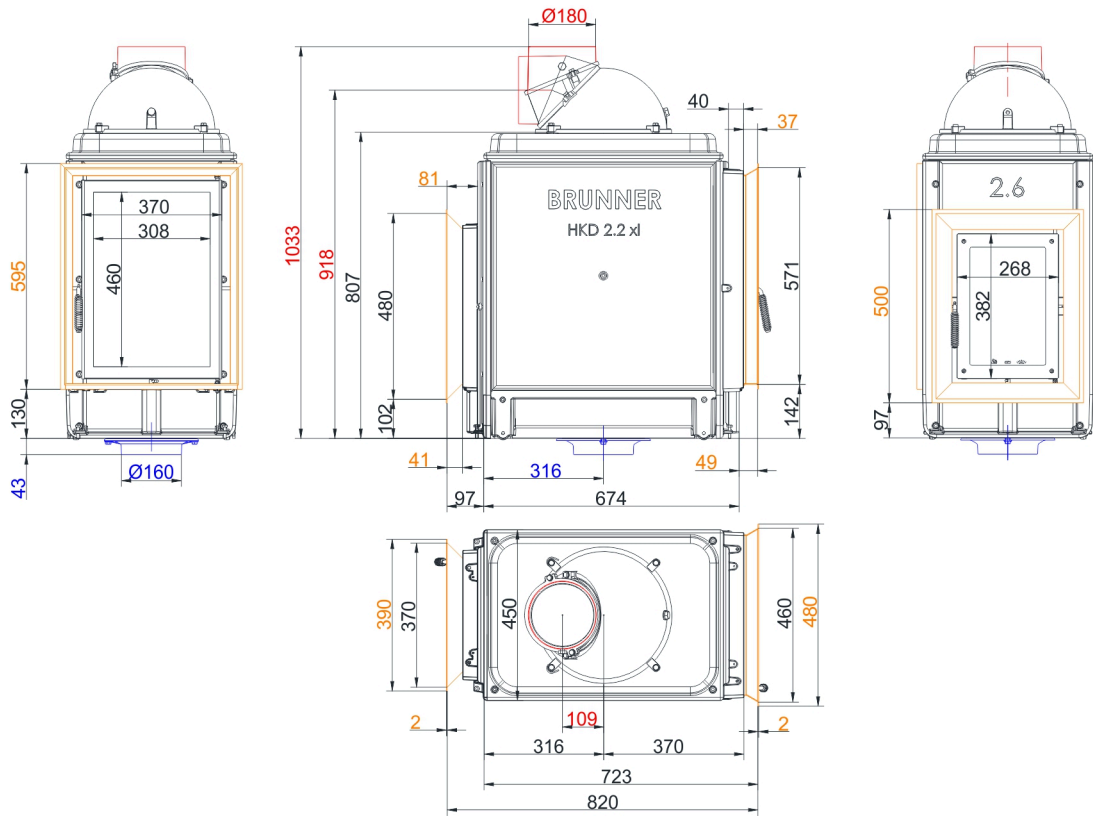


... round with lower cast iron dome, door frame

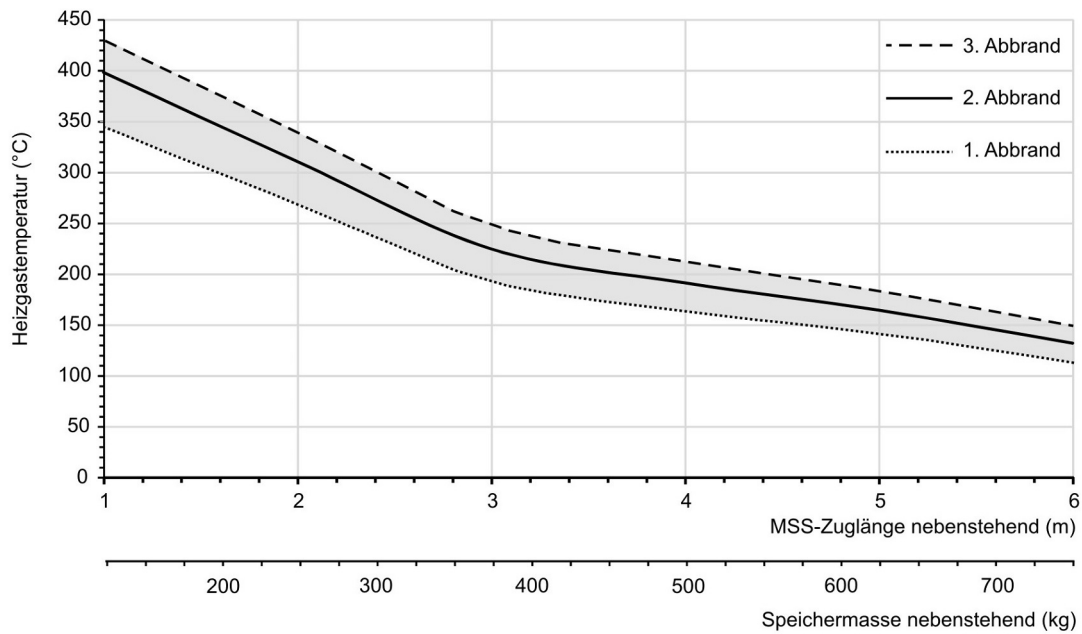


... flat, with lower cast iron dome, mounting frame

Dimension sheets - HKD 2.2 XL Tunnel



... flat with door frame and HKD 2.6 Front kit



Design characteristics for adjacent storage mass

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 Tunnel

Tested according to		EN 13229	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:			
1x 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	%	30 / 35 - 40	30 / 35 - 40
Glass pane (single / double)	%	35 / 30	35 / 30
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	285 / 58	
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