

## TILE STOVE INSERTS FROM BRUNNER



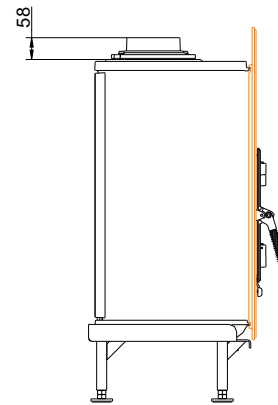
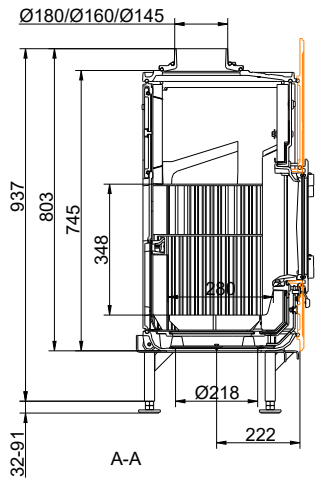
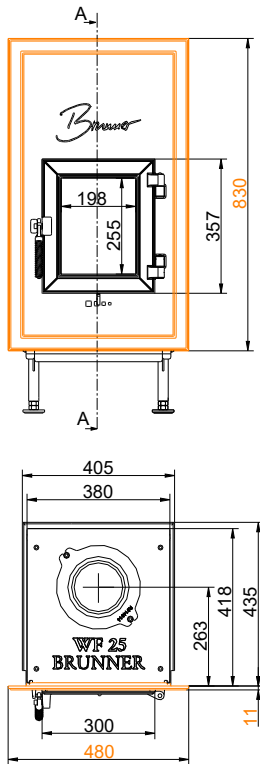
### WF 25

State: 2023-08-30

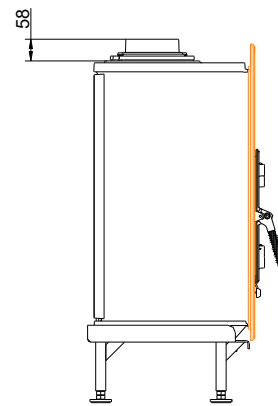
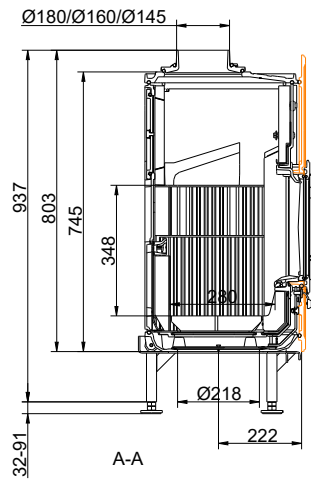
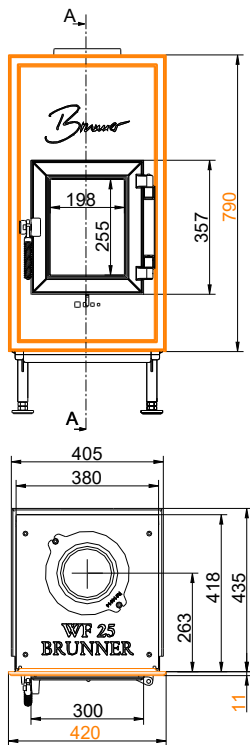


**BRUNNER**<sup>®</sup>  
*made in germany.*

# Dimension sheets - WF 25

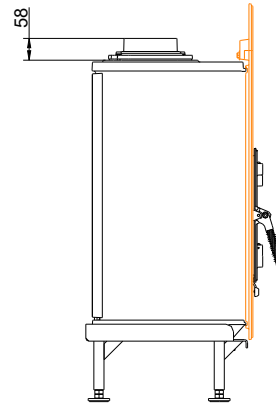
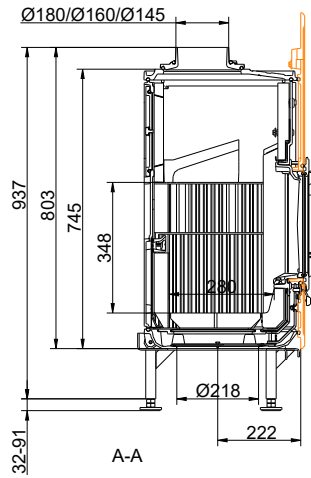
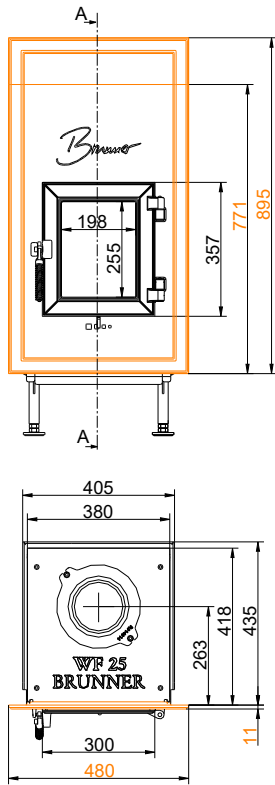


... cast iron front plate 830 X 480

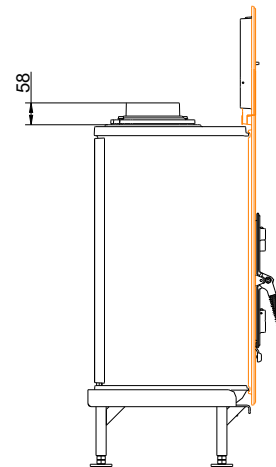
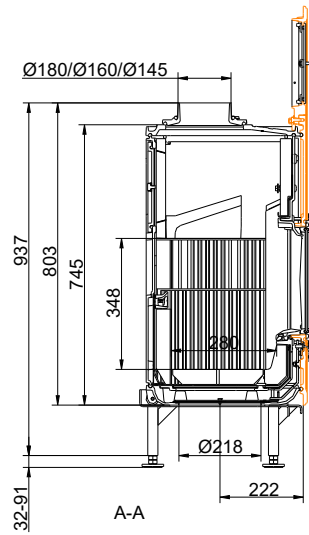
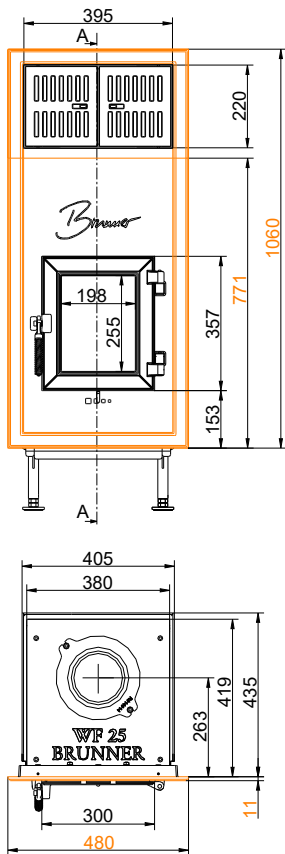


... cast iron front plate 790 x 420

# Dimension sheets - WF 25

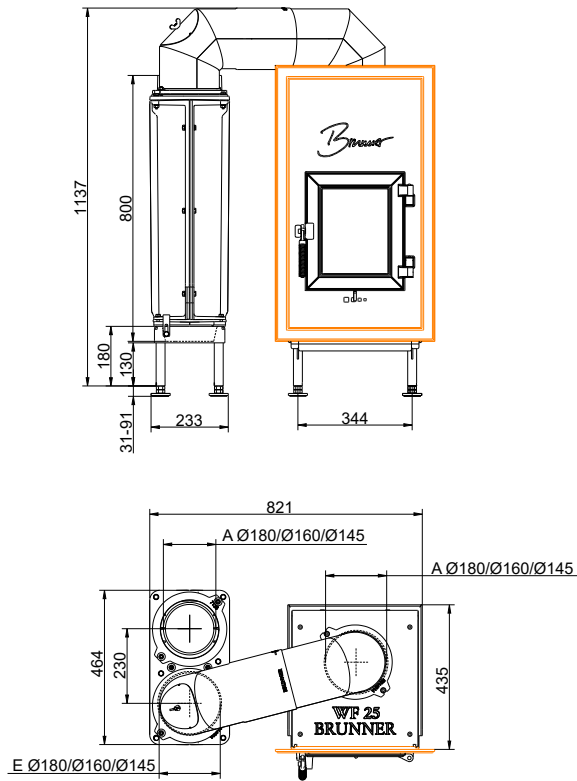


... cast iron front plate 895 x 480

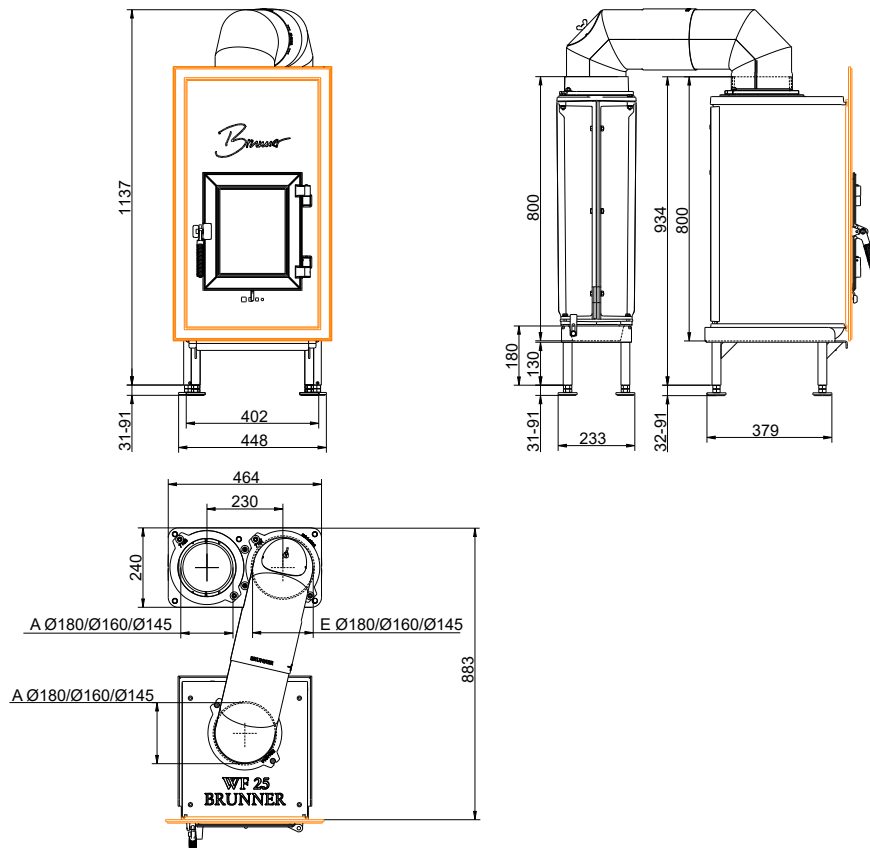


... cast iron front plate 1060 x 480

# Dimension sheets - WF 25

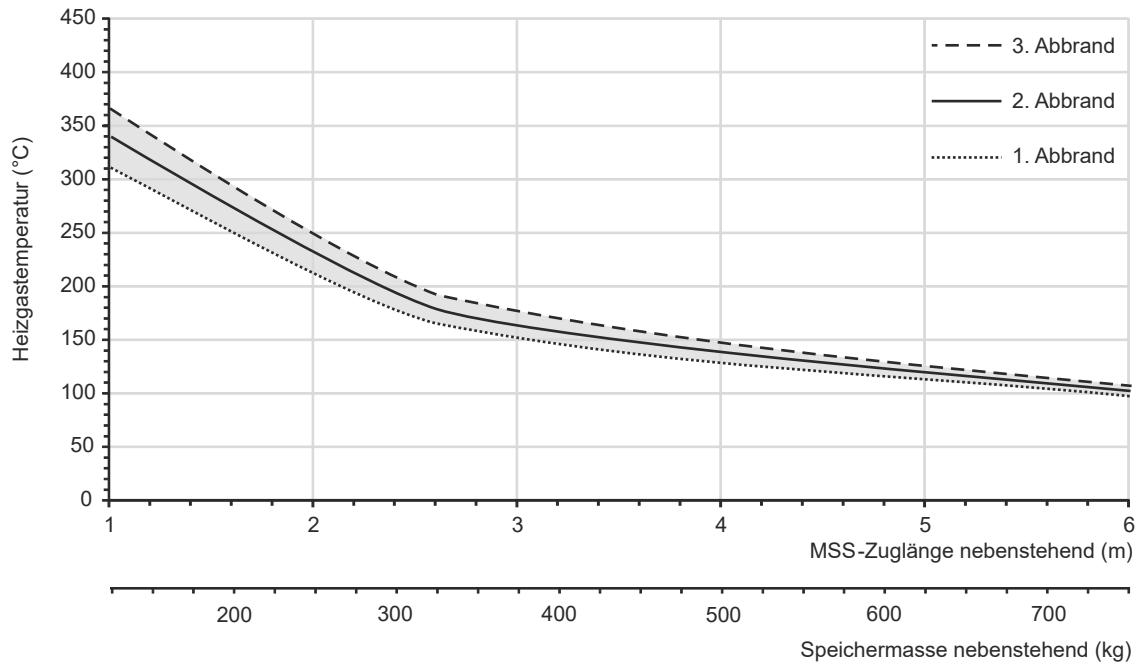


... with GNF 8 at the side

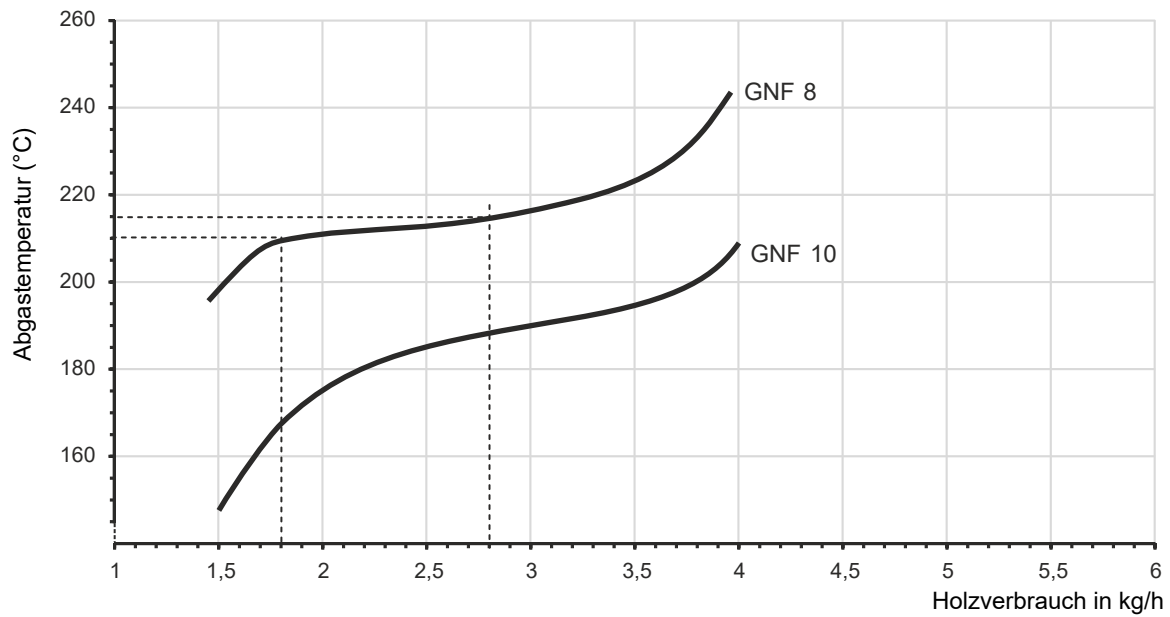


... with GNF 8 behind

# Dimension sheets - WF 25

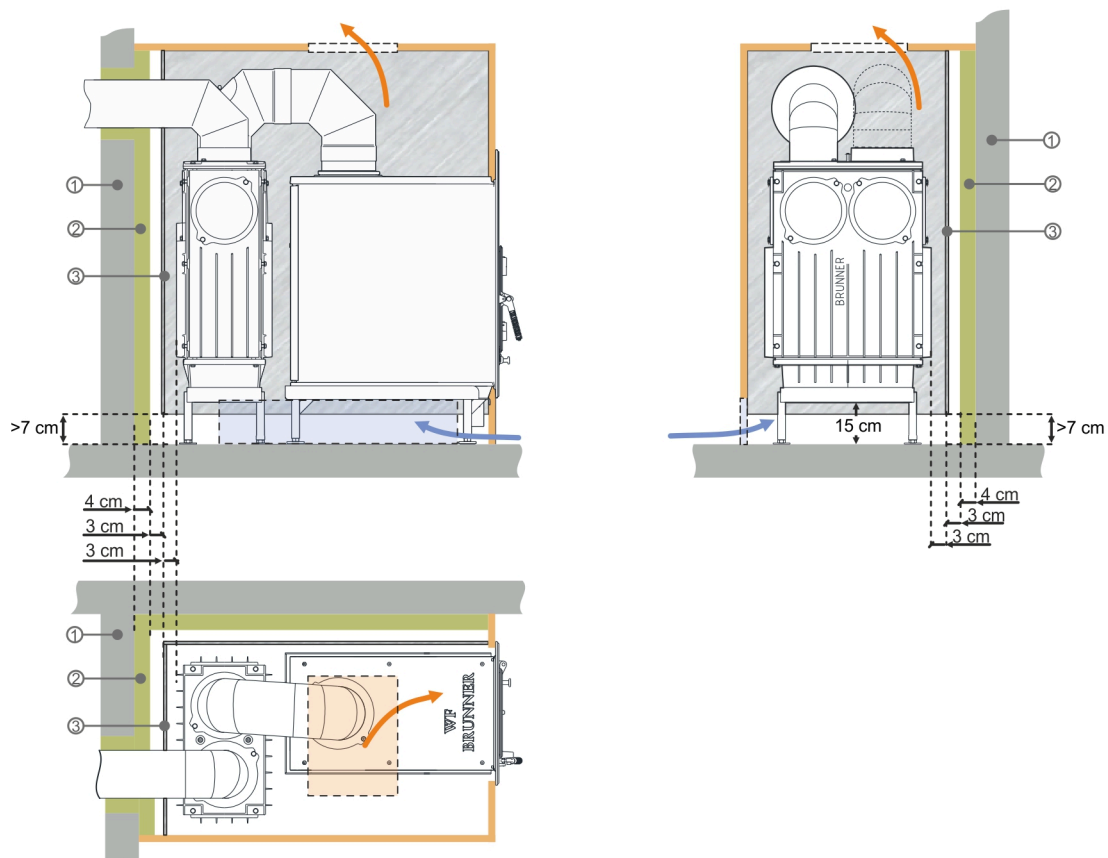


## Design characteristics for adjacent storage mass



## ... Auslegungsdiagramm mit metallischer Nachheizfläche

## Dimension sheets - WF 25



**Alternative Wärmedämmung mit Hitzeschutzblech<sup>x)</sup> vor Dämmschicht <sup>xx)</sup>.**  
**1 Anbauwand (nicht brennbar), 2 Promasil 950KS, 3 Hitzeschutzblech feuerverzinkt (nicht schwarz).**

<sup>x)</sup> Hitzeschutzblech (kein schwarzes Blech!) wird bauseits über Abstandhalter zur Dämmschicht befestigt.  
<sup>xx)</sup> Werte ermittelt mit prüftechnisch erfassten Luftquerschnitten; Ofenhülle wärmeabgebend ausgeführt.

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 - WF 25

Tested according to		EN 13229 W	EN 13229 WA
Values measured at		Rated power <sup>1)</sup>	Storage operation <sup>2)</sup>
Suitable for all construction types according to rules		OK	OK
<b>Data for functional demonstration</b>			
Rated heat power	kW	6	9
Fire wood volume	kg/h	1.8	2.8
Combustion performance	kW	7	11
Flue gas mass flow	g/s	6.3	9.4
Outlet temperature (before reheating surface)	°C	425	450
Flue gas temperature after:			
1 x adjoining cast iron radiator (GNF 8)	°C	210	215
3,8 m ceramic accumulator <sup>3)</sup>	°C	-	180
2,6 m accumulation stones (MSS) <sup>3)</sup>	°C	-	195
Necessary supply pressure	Pa	15	15
Combustion air consumption	m <sup>3</sup> /h	17	30
Combustion air connection Ø	mm	125	125
<b>Heating gas temperature (before the hood/dome variant)</b>			
insert flue outlet nozzle	°C	425	500
<b>Heat distribution</b>			
Insert / reheating surface	%	50 / 40	50 / 40
Glass pane (single / double)	%	10 / -	10 / -
<b>Cross-section of gratings <sup>4)</sup></b>			
Convection air	cm <sup>2</sup>	400 / 200 / 400	400 / 200 / 400
Supply air	cm <sup>2</sup>	400 / 200 / 400	400 / 200 / 400
<b>Minimal distances of the fireplace</b>			
to cladding, insulation layer	cm	8	8
to mounting floor	cm	15	15
<b>Thermal insulation without / with air gratings <sup>5)</sup></b>			
Mounting wall	cm	12 / 10	12 / 10
Floor	cm	0	0
Ceiling	cm	22 / 17	22 / 17
Brick lining for combustible wall	cm	10	10
<b>Weight</b>			
Fireplace / combustion chamber	kg	128 / 45 / -	
<b>Meets requirement/limit values for:</b>			
Germany/ Austria / Switzerland / Norway		1.BImSchV (Stufe 2) / 15a BvG (2015) / LRV / -	

- 1) Indications to "Rated power" determined with metallic reheater (gas slot 15 cm<sup>2</sup>) and double bends
- 2) Information on storage mode (WA) for operation with increased fuel quantity as well as for the manual execution of the reheating surface (reference value for the specialist company)
- 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 air cross-sections evaluated by testing; stove cladding is heat emitting.