TILE STOVE INSERTS FROM BRUNNER



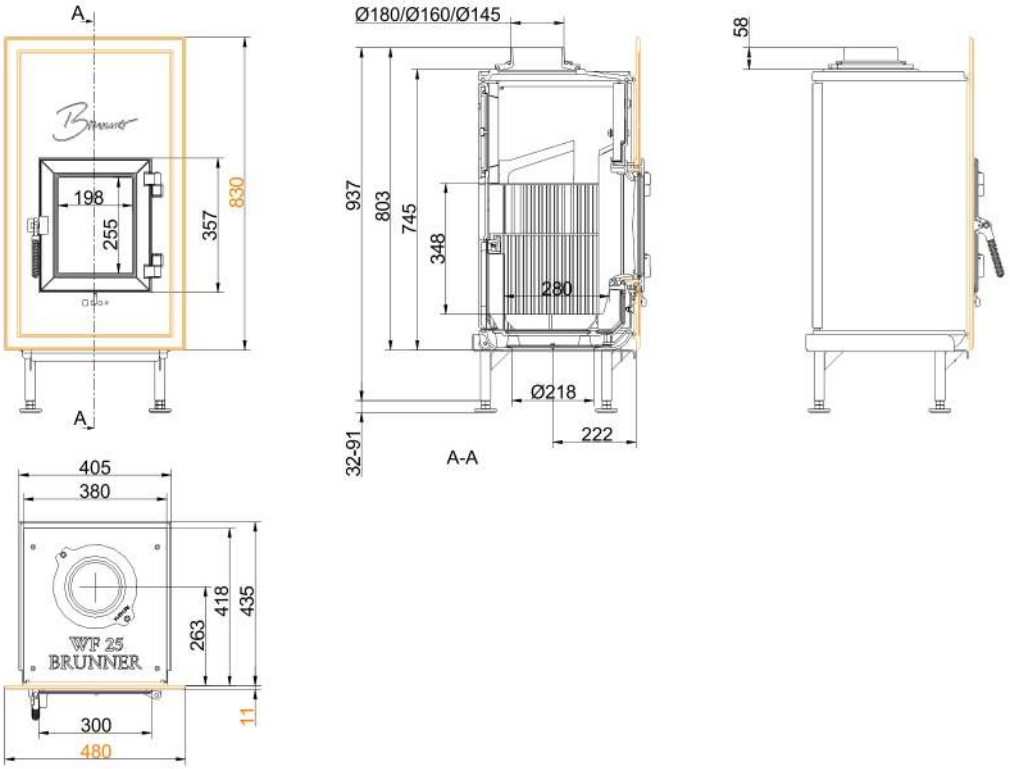
WF 25

State: 2018-05-02

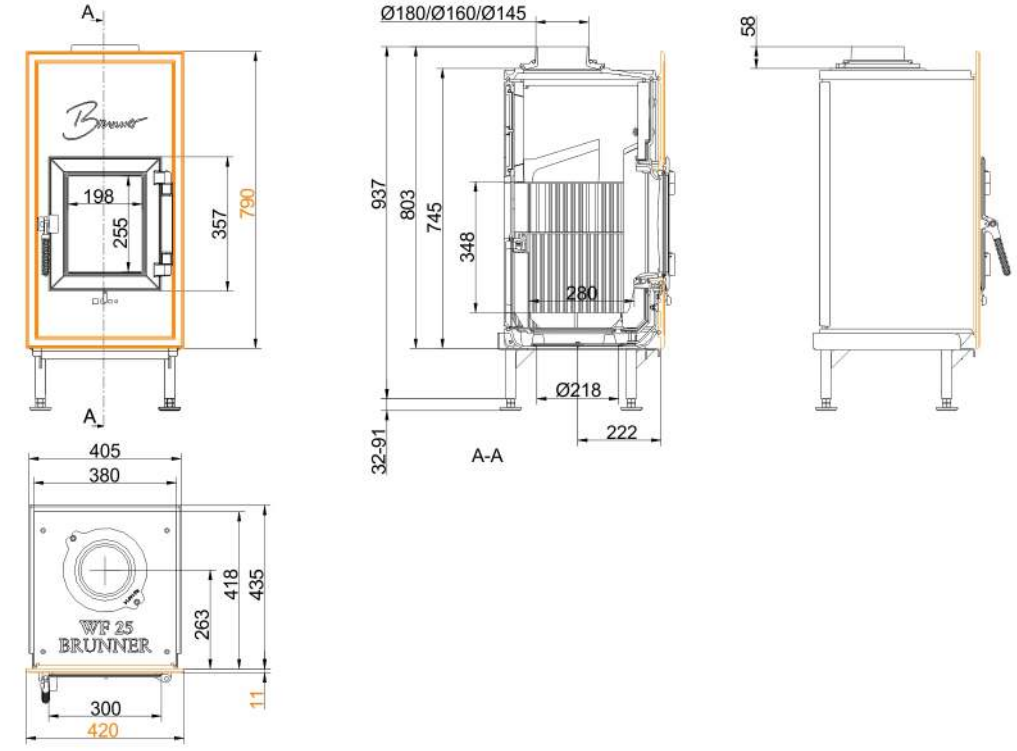


BRUNNER®
made in germany.

Dimension sheets - WF 25



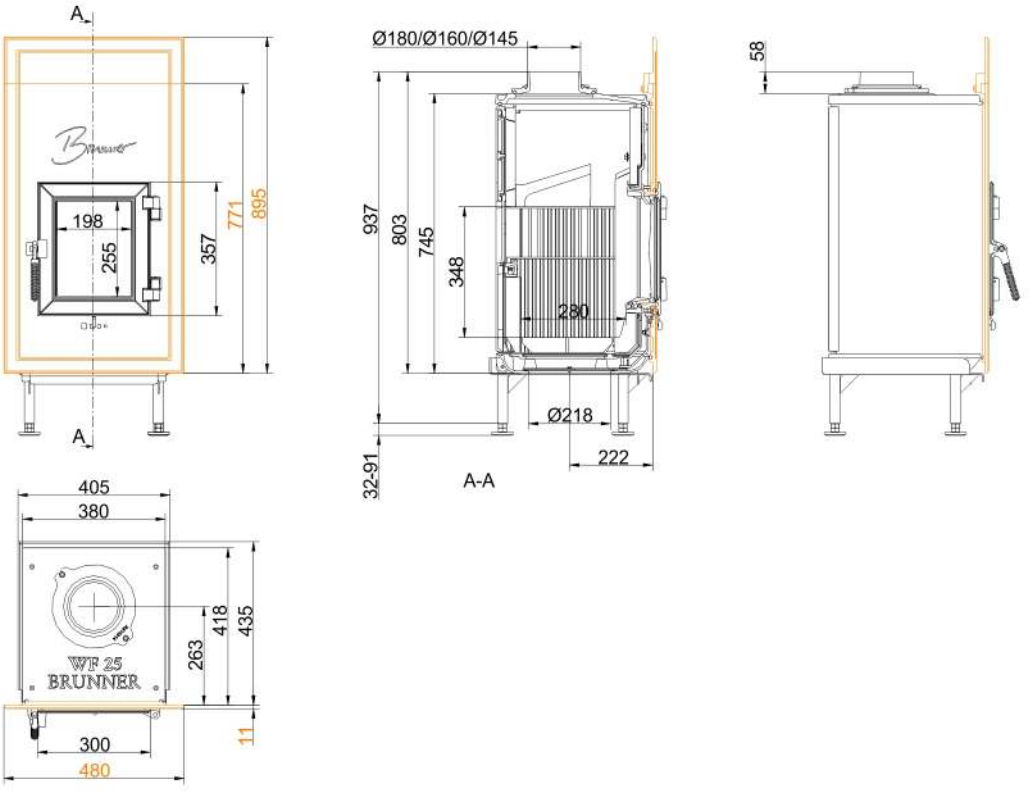
… cast iron front plate 830 X 480



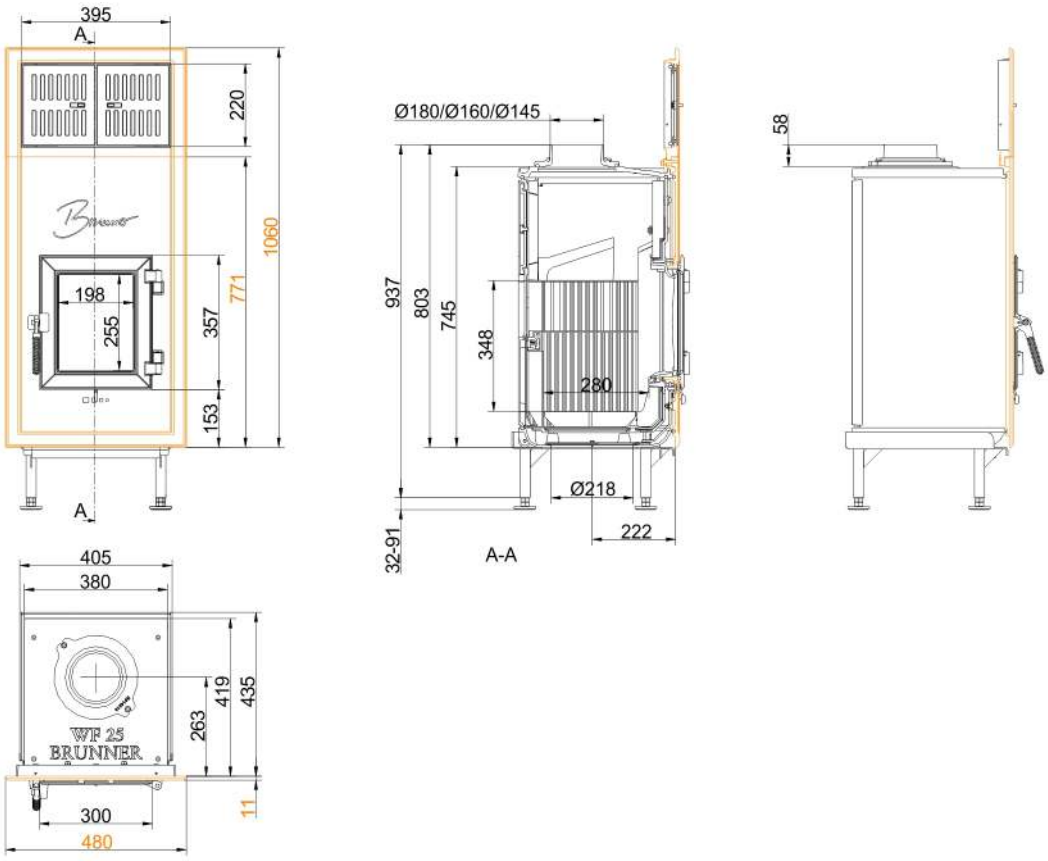
… cast iron front plate 790 x 420

State: 2018-05-02

Dimension sheets - WF 25

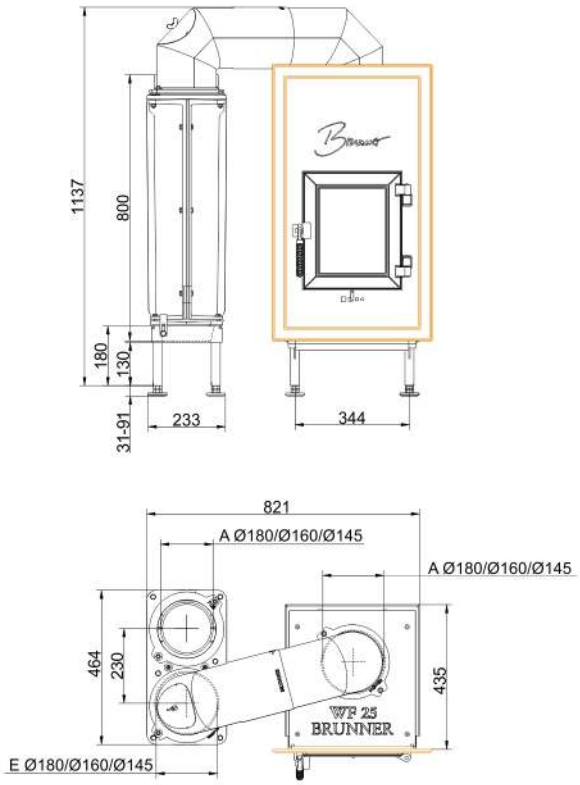


… cast iron front plate 895 x 480

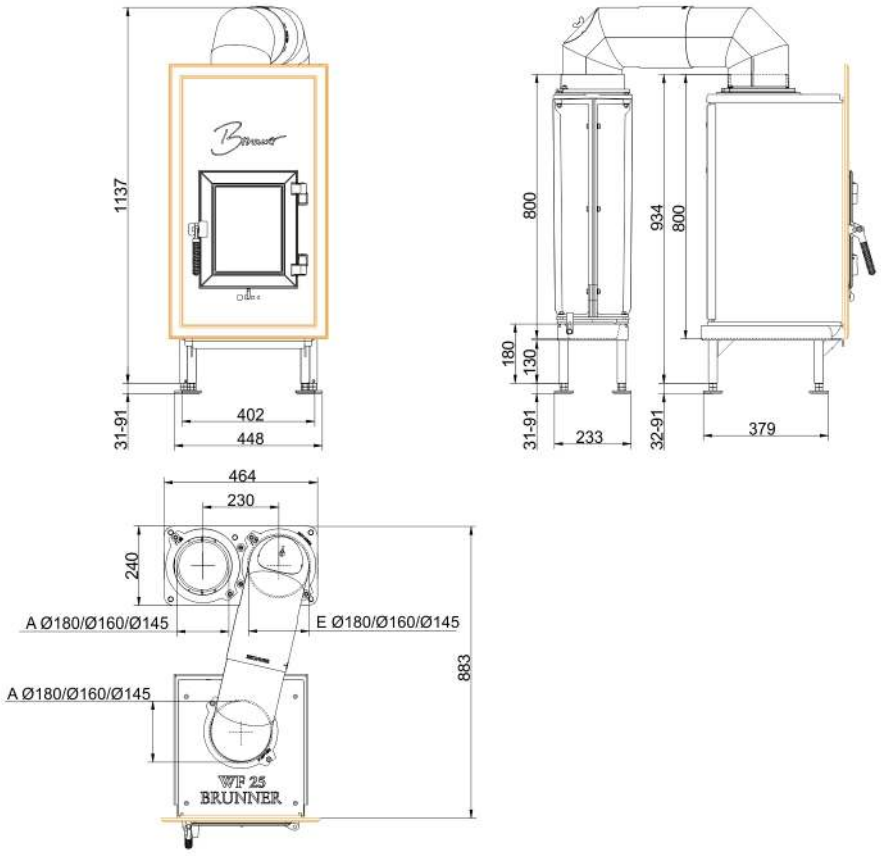


... cast iron front plate 1060 x 480

Dimension sheets - WF 25



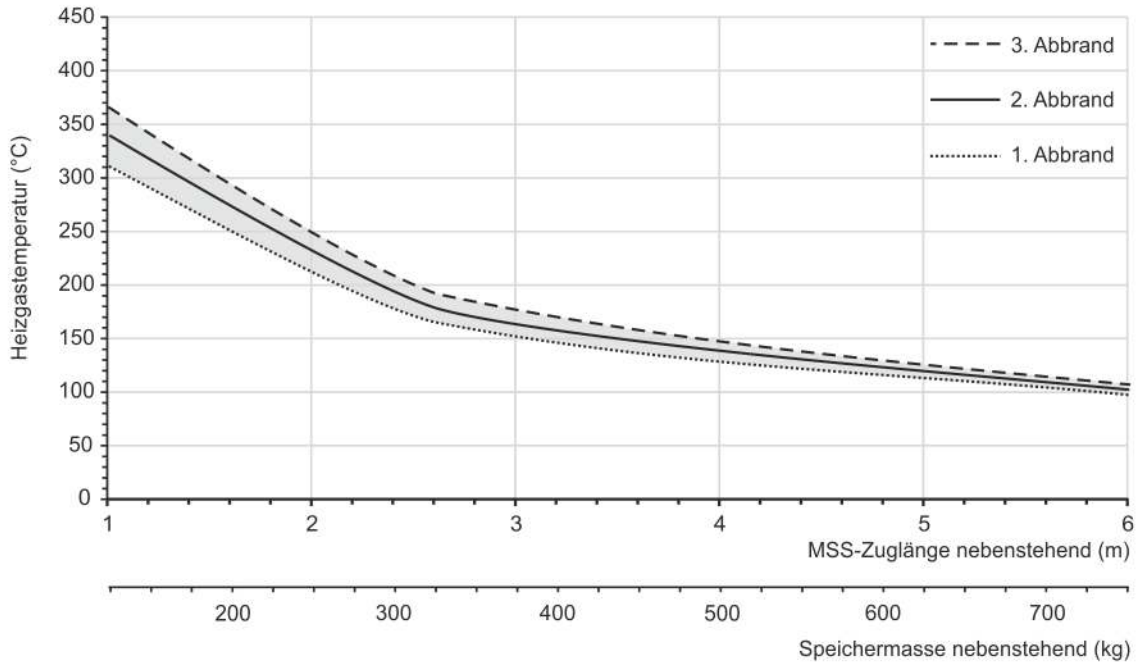
… with GNF 8 at the side



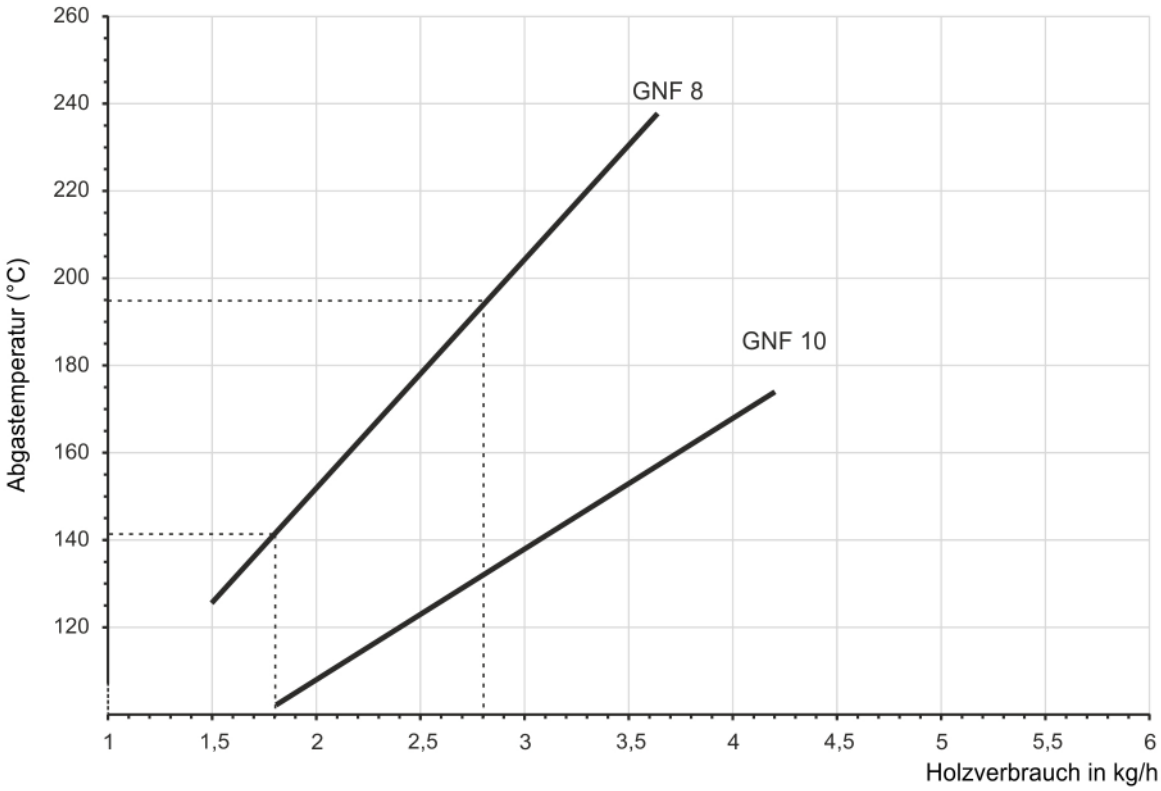
… with GNF 8 behind

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Dimension sheets - WF 25



Design characteristics for adjacent storage mass



… Setup graphic flue gas temperature with GNF 8

We suggest for CAD planing Palette CAD. Permanent updated drawings: www.brunner.de
Frames / front versions are marked colored.

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Planning and installation - WF 25

Tested according to		EN 13229 W	EN 13229 WA
Values measured at		Rated capacity	Accumulation
Suitable for all construction types according to rules		OK	OK
EEI		118.5	118.5
Data for functional demonstration			
Rated heat power	kW	6	-
Fire wood volume	kg/h	1.8	2.8
Combustion performance	kW	7	11
Flue gas mass flow	g/s	5	12
Outlet temperature (before heating surface)	°C	425	500
Flue gas temperature after:			
1 x adjoining cast iron radiator (GNF 8/10)	°C	140	195
3,8 m ceramic accumulator [1)]	°C	-	180
2,6 m accumulation stones (MSS) [1)]	°C	-	195
Necessary supply pressure	Pa	15	15
Combustion air consumption	m^3/h	17	30
Combustion air connection Ø	mm	125	125
Heat distribution			
Insert / heat accumulator	%	50 / 40	50 / 40
Glass pane (single / double)	%	10 / -	10 / -
Cross-section of gratings [2)]			
Convection air	cm^2	400 / 200 / 400	400 / 200 / 400
Supply air	cm^2	400 / 200 / 400	400 / 200 / 400
Min. distances of fireplace without / with convection casing			
to insulation layer	cm	8	8
to mounting floor	cm	15	15
Thermal insulation without / with air gratings [3)]			
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
Weight			
Fireplace / combustion chamber	kg	128 / 45 / -	
Meets requirement/limit values for:			
Germany/ Austria / Suisse / Norway		1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -	

1) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation
2) for fireplace inserts / flue gas pipe / metallic reheating surface
3) Values determined with upper air sections; stove cladding is heat emitting.

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