

## TILE STOVE INSERTS FROM BRUNNER



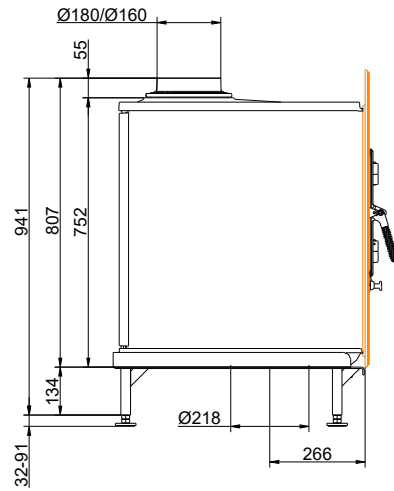
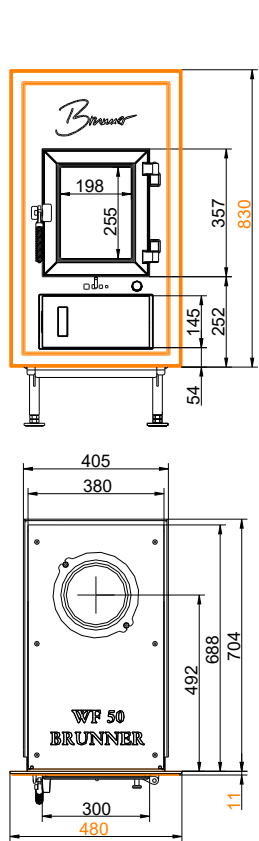
### WF<sub>R</sub> 50

State: 2023-08-30

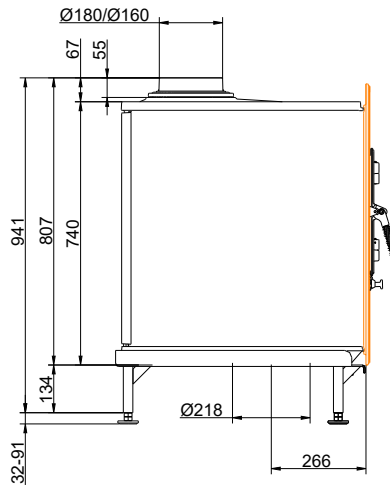
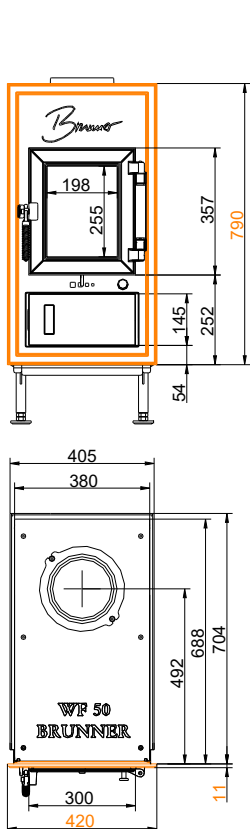


**BRUNNER**<sup>®</sup>  
*made in germany.*

# Dimension sheets - WF<sub>R</sub> 50

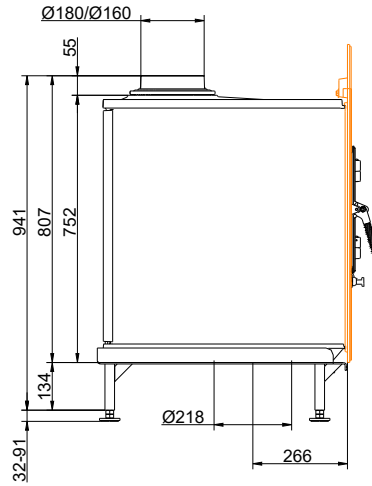
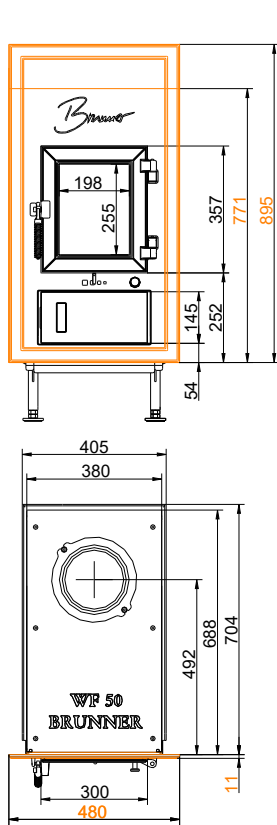


... cast iron front plate 830 X 480

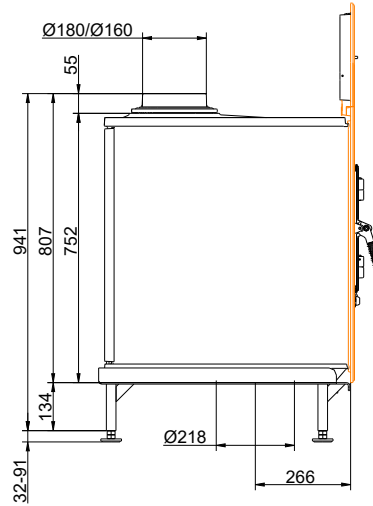
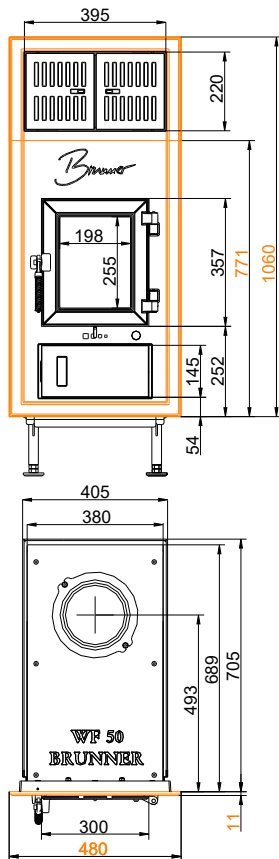


... cast iron front plate 790 x 420

# Dimension sheets - WF<sub>R</sub> 50

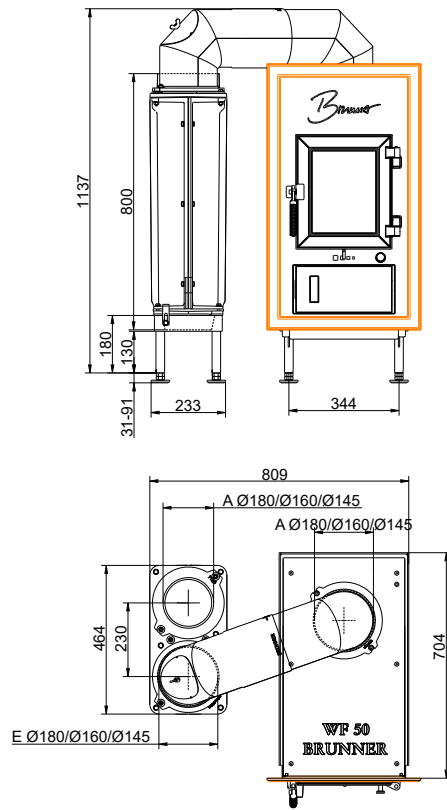


... cast iron front plate 895 x 480

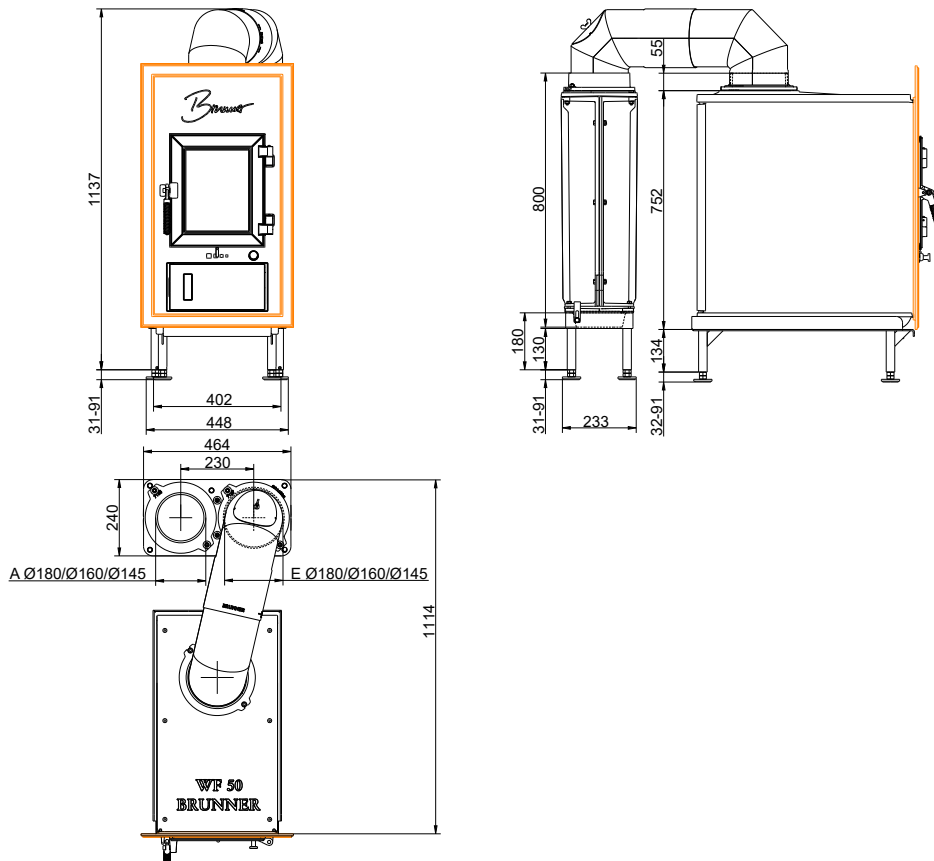


... cast iron front plate 1060 x 480

# Dimension sheets - WF<sub>R</sub> 50

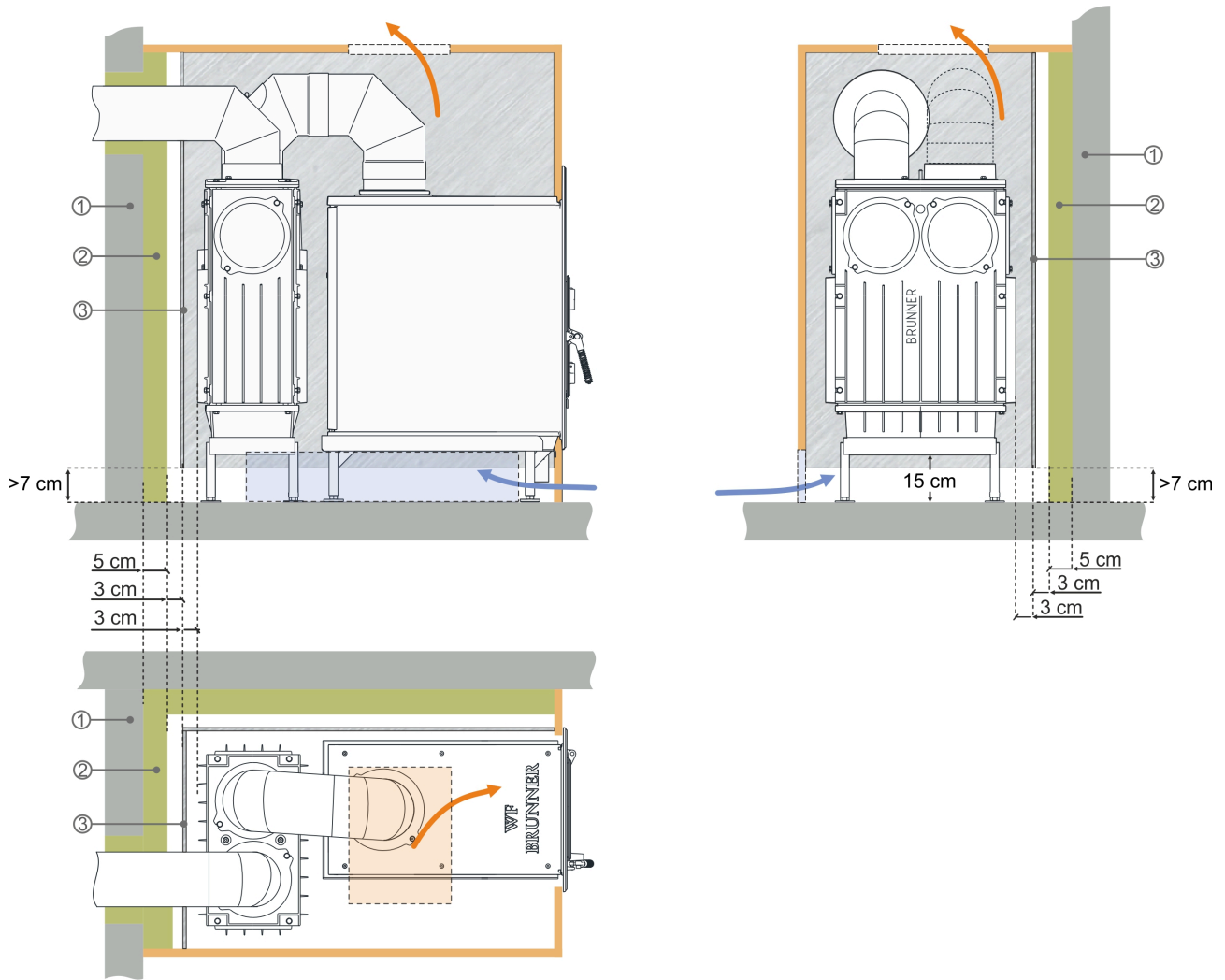


... with GNF 8 at the side



... with GNF 8 behind

## Dimension sheets - WF<sub>R</sub> 50



**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 Abstandshalter 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<sub>R</sub> 50

Tested according to		EN 13229 W	Lignite EN 13229
Values measured at		Rated power <sup>1)</sup>	Rated power <sup>1)</sup>
Suitable for all construction types according to rules		OK	OK
<b>Data for functional demonstration</b>			
Rated heat power	kW	9	9
Fire wood volume	kg/h	2.8	2.1
Combustion performance	kW	11	11
Flue gas mass flow	g/s	7.5	8
Outlet temperature (before reheating surface)	°C	500	455
Flue gas temperature after:			
1 x adjoining cast iron radiator (GNF 8)	°C	220	210
4,0 m ceramic accumulator <sup>2)</sup>	°C	180	170
2,6 m accumulation stones (MSS) <sup>2)</sup>	°C	180	170
Necessary supply pressure	Pa	12	12
Combustion air consumption	m <sup>3</sup> /h	23	18
Combustion air connection Ø	mm	125	125
<b>Heating gas temperature (before the hood/dome variant)</b>			
insert flue outlet nozzle	°C	430	520
<b>Heat distribution</b>			
Insert / reheating surface	%	50 / 40	50 / 40
Glass pane (single / double)	%	10 / -	10 / -
<b>Cross-section of gratings <sup>3)</sup></b>			
Convection air	cm <sup>2</sup>	500 / 200 / 500	500 / 200 / 500
Supply air	cm <sup>2</sup>	500 / 200 / 500	500 / 200 / 500
<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>4)</sup></b>			
Mounting wall	cm	14 / 12	14 / 12
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	178 / 50 / 228	
<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 reheating surface and Double elbow

2) Approximate value

3) for fireplace inserts / flue gas pipe / metallic reheating surface

4) Values determined with air cross-sections evaluated by testing; stove cladding is heat emitting.