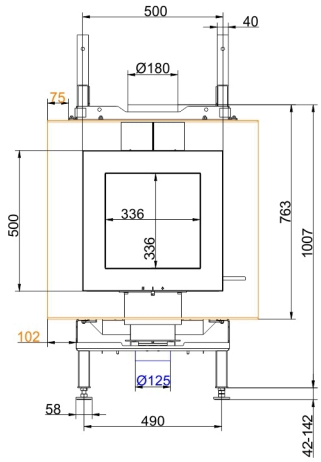
TILE STOVE INSERTS FROM BRUNNER

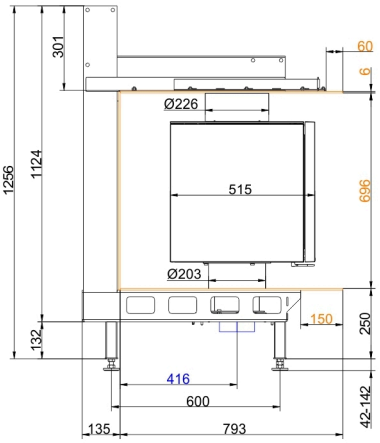
DF 33

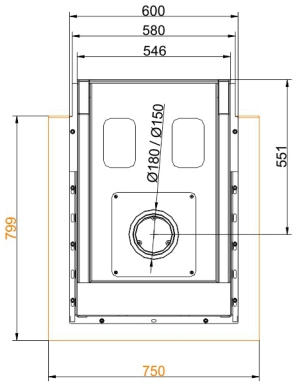
State: 2023-08-30

BRUNNER®
made in germany.

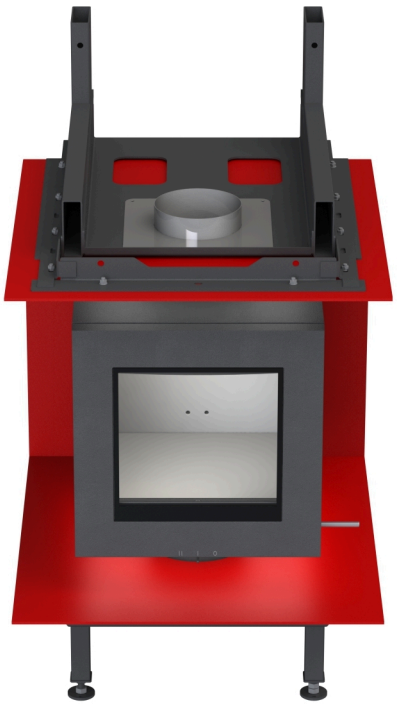
Dimension sheets - DF 33







DF 33 with niche cladding 01



DF 33 with niche cladding 01

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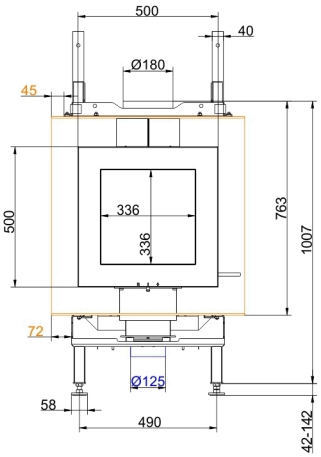
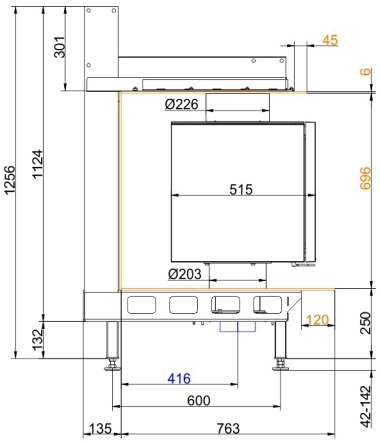
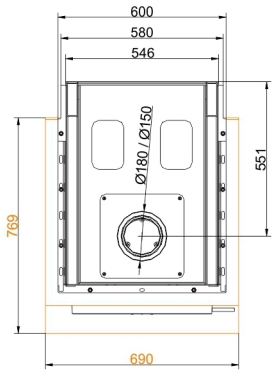
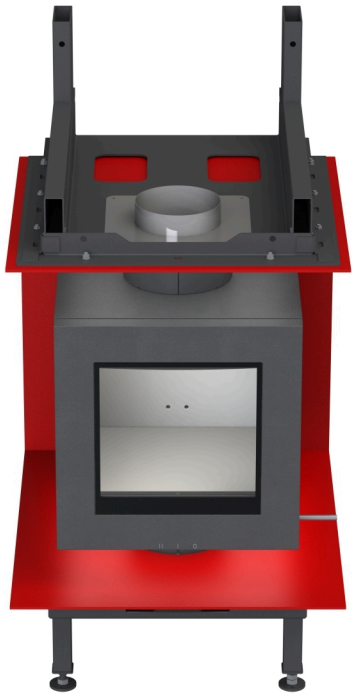
Dimension sheets - DF 33







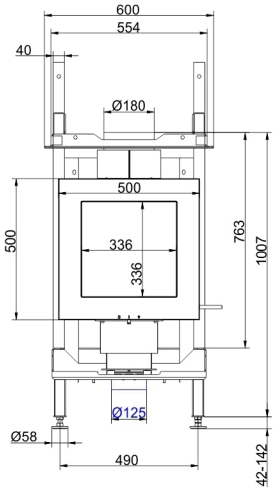
DF 33 with niche cladding 02

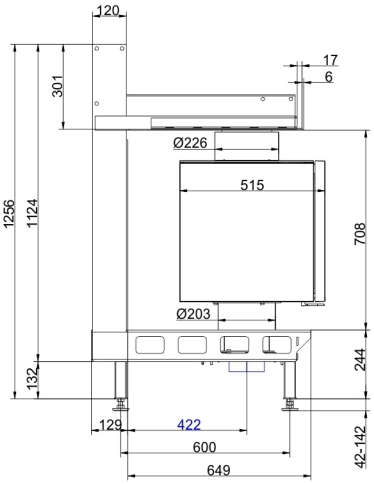


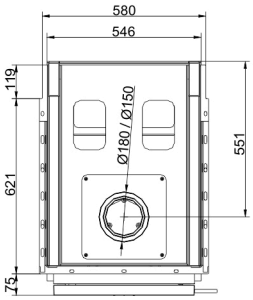
DF 33 with niche cladding 02

State: 2023-08-30

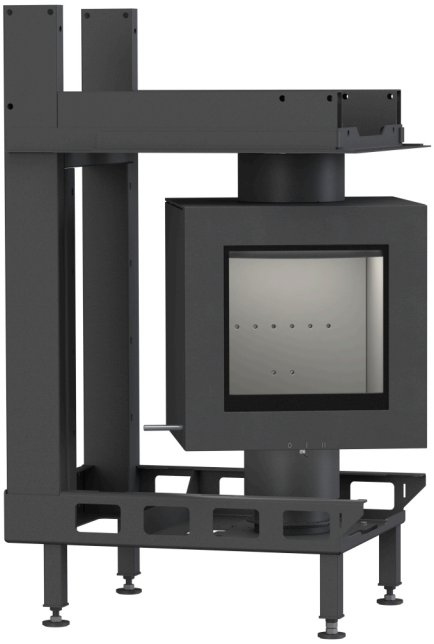
Dimension sheets - DF 33







DF 33 without niche cladding



DF 33 without niche cladding

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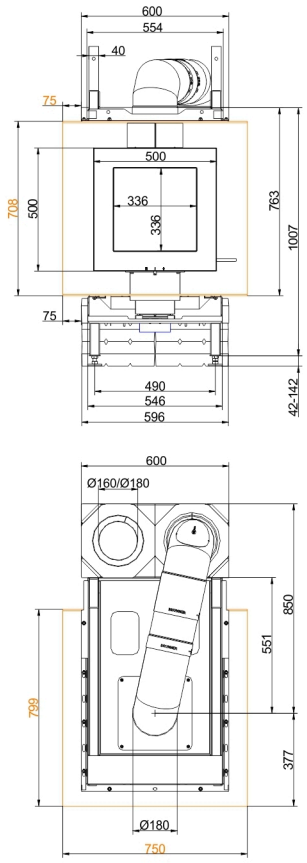
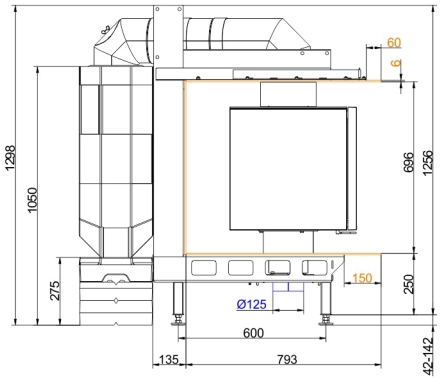
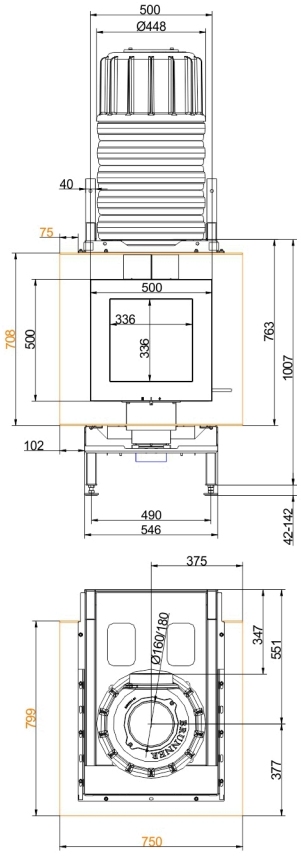
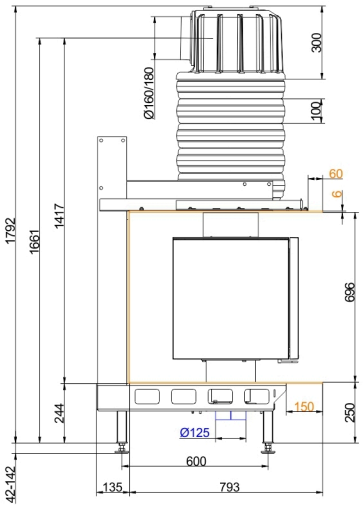
Dimension sheets - DF 33





Niche cladding 01 with MSS





Niche cladding 01 with MAS

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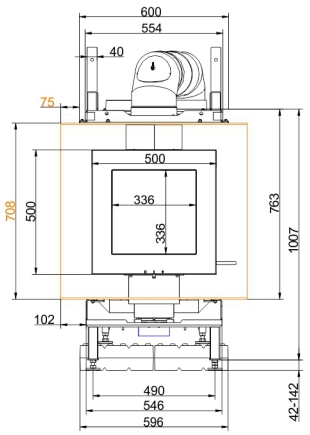
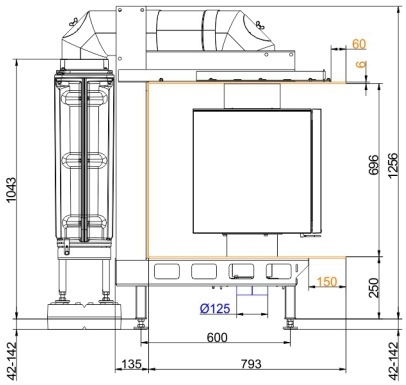
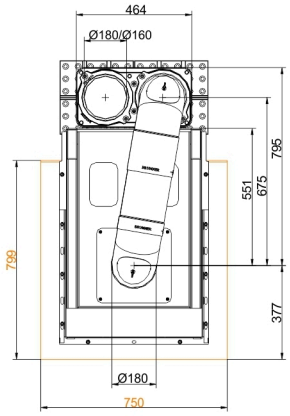
Dimension sheets - DF 33







Niche cladding 01 with GNF 8

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 - DF 33

Tested according to		EN 13229 W	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	6	-
Fire wood volume	kg/h	1.7	2.5
Combustion performance	kW	7.5	10
Flue gas mass flow	g/s	7	10
Outlet temperature (before reheating surface)	°C	420	460
Flue gas temperature after:			
1 x adjoining cast iron radiator (GNF 8/10)	°C	175	190
5 x accumulation rings (MAS) [3]	°C	230	245
3,3 m ceramic accumulator [4]	°C	215	225
2,0 m accumulation stones (MSS) [4]	°C	215	225
Necessary supply pressure	Pa	12	12
Combustion air consumption	m^3/h	22	30
Combustion air connection Ø	mm	125	125
Heating gas temperature (before the hood/dome variant)			
insert flue outlet nozzle	°C	430	520
Heat distribution			
Insert / reheating surface	%	15 / 70	15 / 70
Glass pane (single / double)	%	- / 15	- / 15
Cross-section of gratings [5]			
Convection air	cm^2	- / 200 / 200	- / 200 / 200
Supply air	cm^2	- / 200 / 200	- / 200 / 200
Min. distances of fireplace without / with convection casing			
to cladding, insulation layer	cm	4	4
to mounting floor	cm	40	40
Thermal insulation without / with air gratings [6]			
Mounting wall	cm	5 [7]	5 [7]
Floor	cm	0	0
Ceiling	cm	18 [7]	18 [7]
Brick lining for combustible wall	cm	10	10
Weight			
Fireplace / combustion chamber	kg	208-286 / 28,5	
Meets requirement/limit values for:			
Germany/ Austria		1.BImSchV (Stufe 2) / 15a BVG (2015)	

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) Damper flap recommended
4) Approximate value. Determination according to design characteristics for adjacent storage mass or proof of function provided by calculation
5) for fireplace inserts / flue gas pipe / metallic reheating surface
6) Values determined with upper air cross- sections; stove cladding is heat emitting
7) Promasil 950KS

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