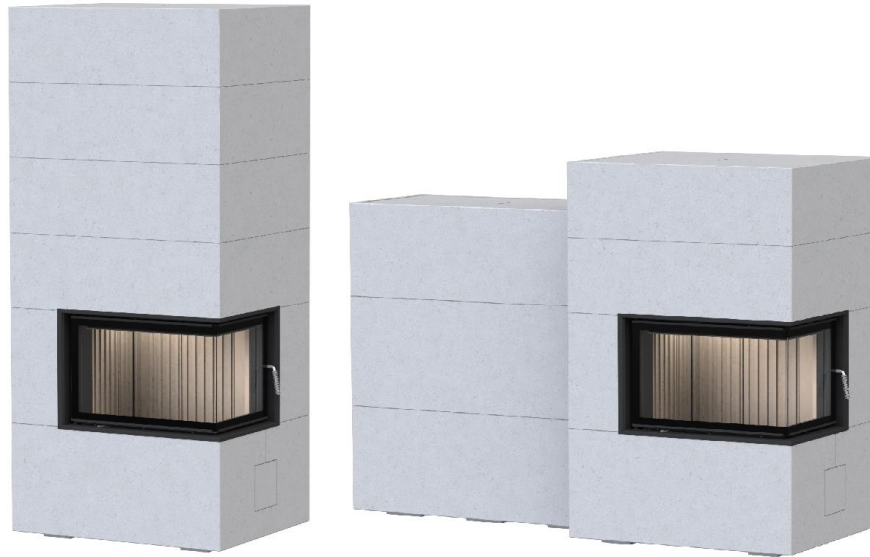


## BRUNNER SYSTEM MASONRY HEATERS



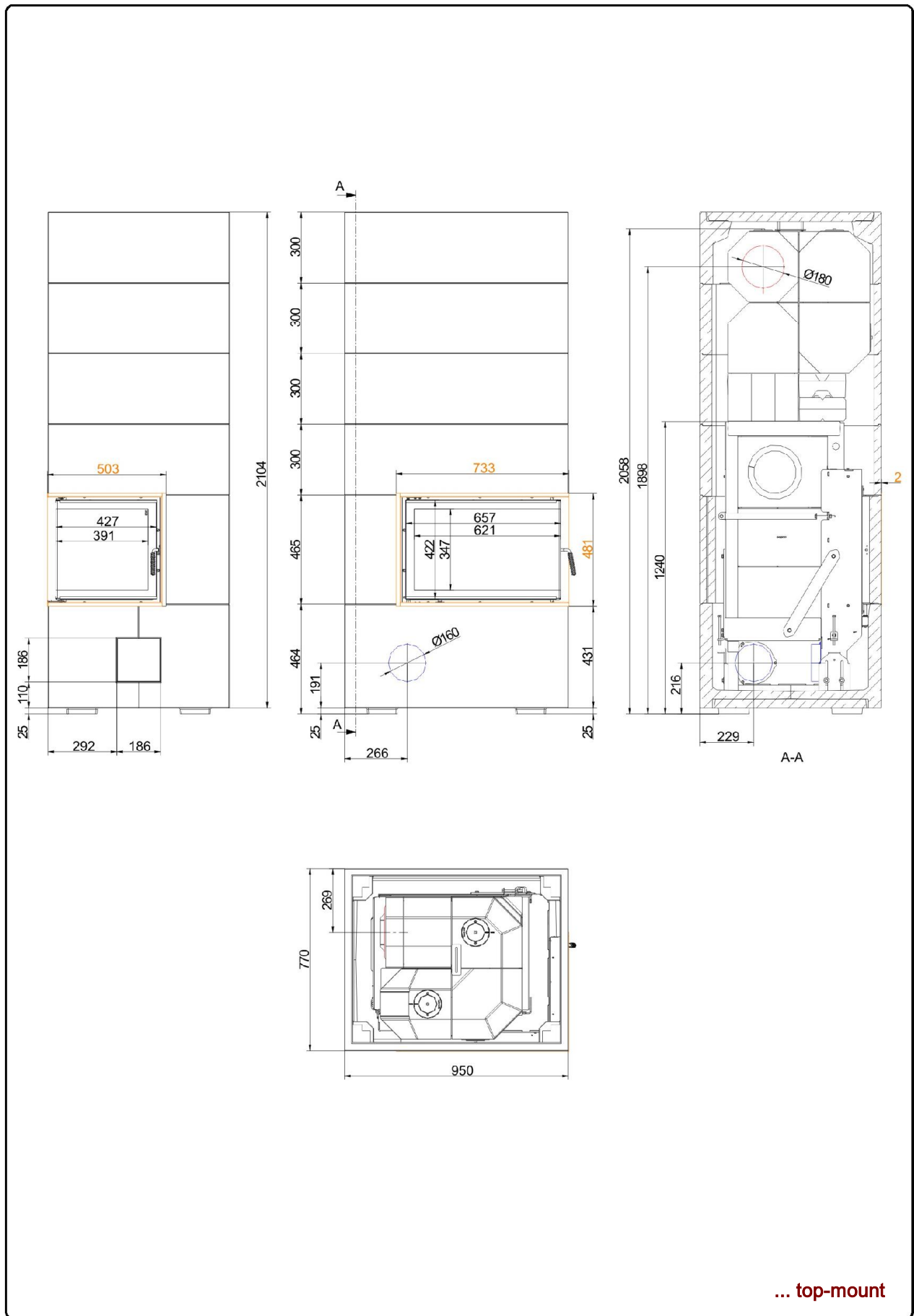
### **BSG 02 mit MSS für GOT Eck 45/67/44-ZL DT mit GOF 50x35**

State: 12.10.2016



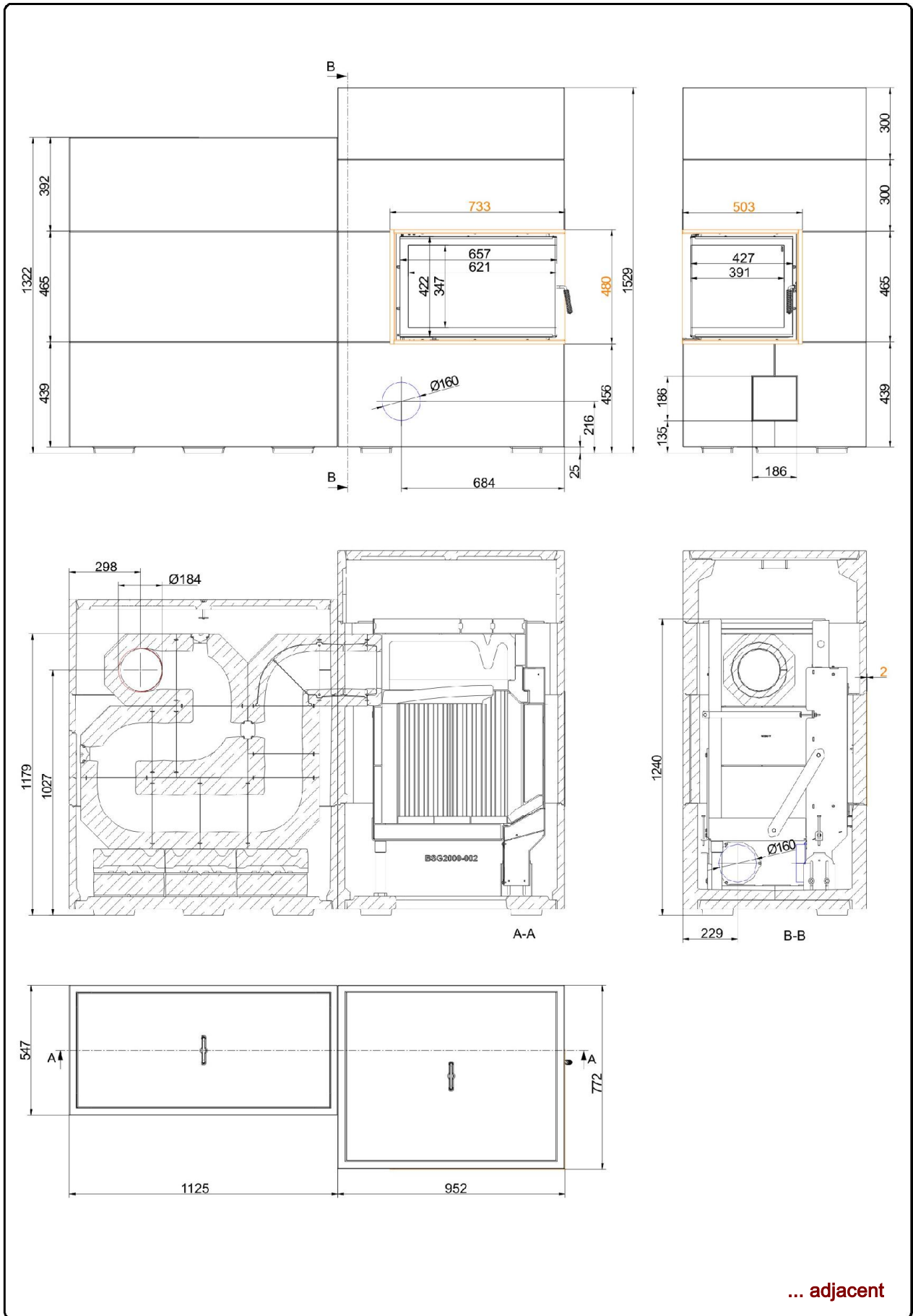
**BRUNNER**<sup>®</sup>  
*made in germany*

Dimension sheet | **BSG 02 mit MSS**



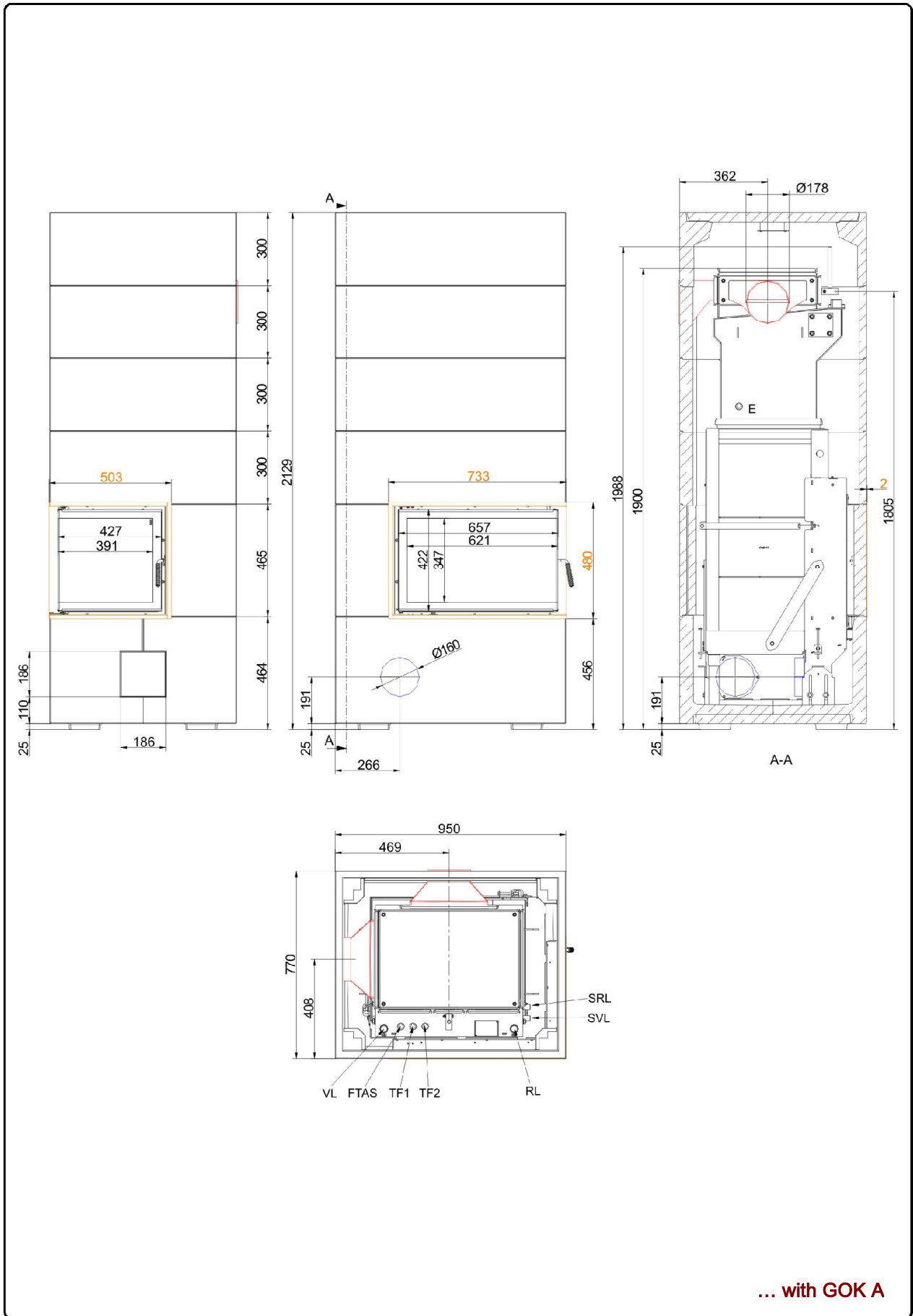
... top-mount

Dimension sheet | **BSG 02 mit MSS**



... adjacent

Dimension sheet | **BSG 02 mit MSS**



... with GOK A

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

# Planning and installation

## BSG 02 mit MSS

Masonry heater tested according to		EN 15250	EN 15250	EN 15250
<b>Data for functional demonstration</b>		top-mount MSS	adjacent MSS	GOK A
Rated heat power	kW	-	-	5,5
Total fuel load	kg	12,5	13,5	13,5
Fuel amount for 1st / 2nd combustion cycle	kg	8 + 4,5	8 + 5,5	8 + 5,5
Combustion duration	h	2	2	2
Used quantity of wood	kg/h	7,9	7,9	7,9
Heat storage duration <sup>1)</sup>	h	12	12	12
System power <sup>3)</sup>	kW	2,5	3,0	1,3
Combustion performance	kW	31,6	31,6	31,6
Flue gas mass flow	g/s	24,4	24,4	24,4
Outlet temperature	°C	530	530	530
Flue gas temperature	°C	210	195	180
Necessary supply pressure	Pa	12	12	12
Combustion air consumption	m <sup>3</sup> /h	71	71	71
Combustion air connection Ø	mm	160	160	160
<b>Heat distribution</b>				
Insert / heating surface	%	15 / 50	15 / 50	15 / -
Glass (single / double)	%	35 / -	35 / -	35 / -
Boiler	%	-	-	50
<b>Minimum distance</b>				
to adjacent wall <sup>2)</sup>	cm	5	5	5
to the ground	cm	0	0	0
from top of fireplace to the ceiling	cm	30	30	30
<b>Thermal insulation according to TROL</b>				
<b>Water boiler data</b>				
Max. operating pressure	bar	-	-	3
Max. flow temperature	°C	-	-	100
Water volume	liters	-	-	63
Connections flow / return	inch	-	-	1
<b>Weight</b>				
Combustion chamber + storage / GOK A	kg	415 + 300	415 + 343	415 + 145
Cladding	kg	467	663	467
Total weight	kg	1182	1421	1027
<b>meets requirement limit values for:</b>				
Germany / Austria / Switzerland / Norway				1.BImSchV (Stufe 2) / 15a BVG (2015) / LRV / -

- 1) Time from ignition until reaching 25% of maximal surface temperature against room temperature
- 2) Next to a wall that has to be protected a brick lining or a substitute insulating material is required.
- 3) average heating power of the system (heat storage duration with load of wood 1st/2nd combustion cycle)

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