

## BRUNNER FIREPLACES



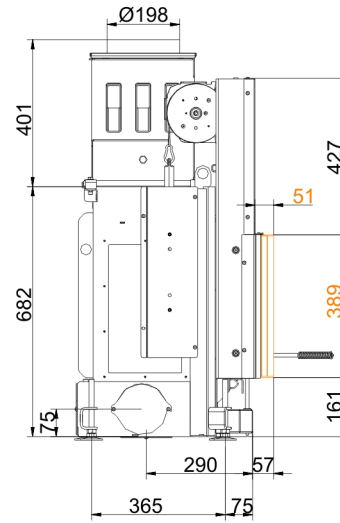
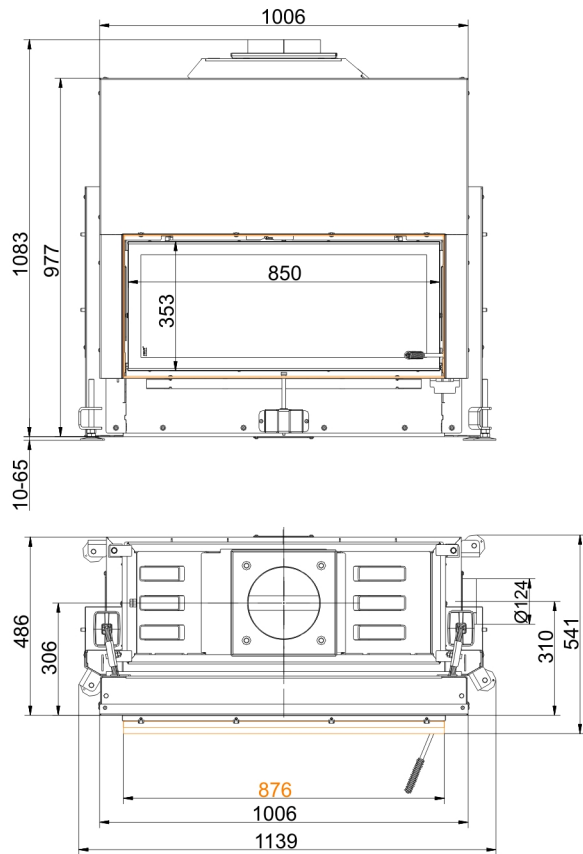
### Architektur 38/86

State: 2018-01-23

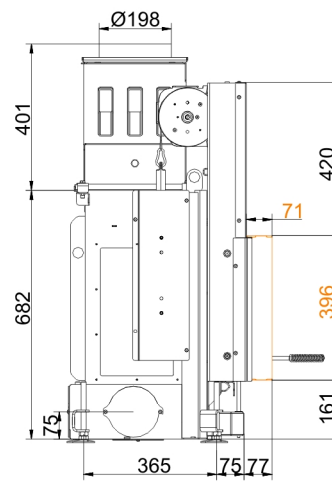
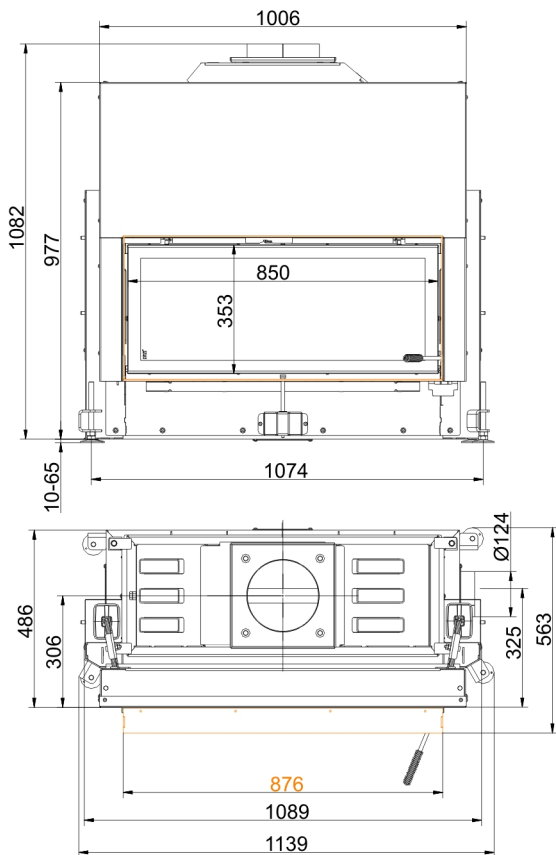


**BRUNNER**<sup>®</sup>  
*made in germany.*

# Dimension sheets - Architektur 38/86

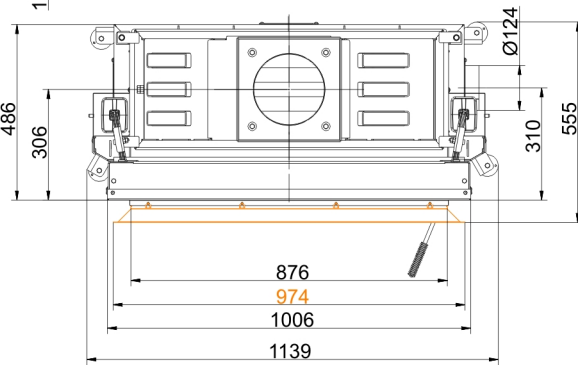
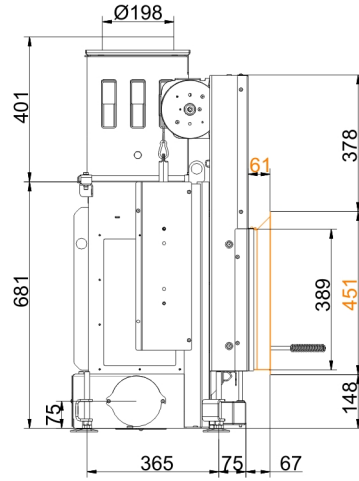
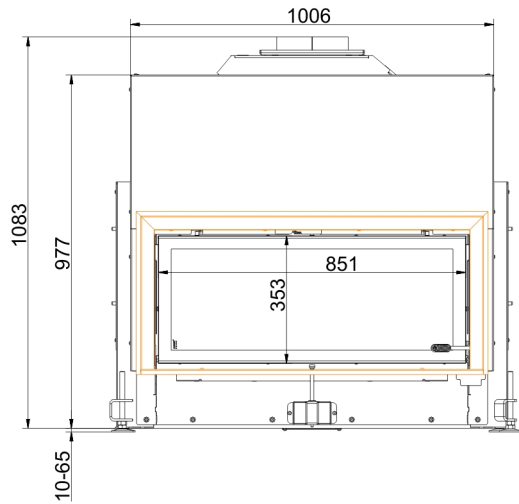


... with mounting frame 50 mm

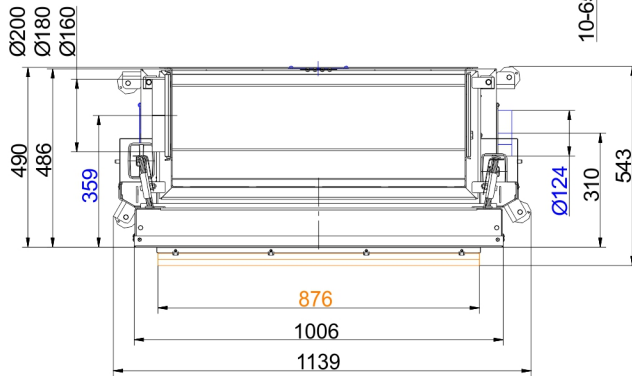
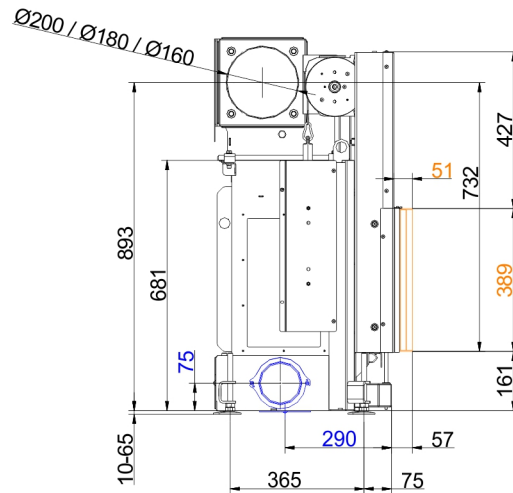
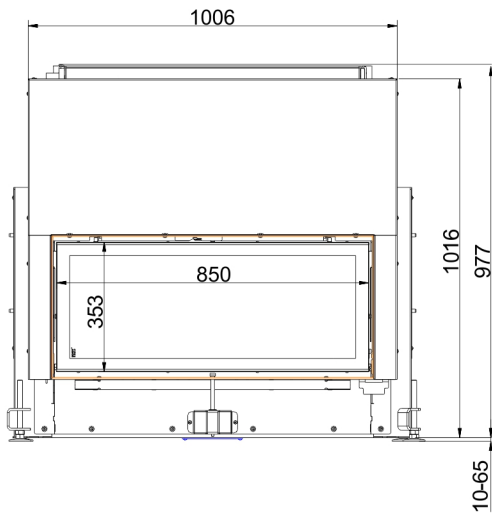


... with mounting frame 70 mm

# Dimension sheets - Architektur 38/86

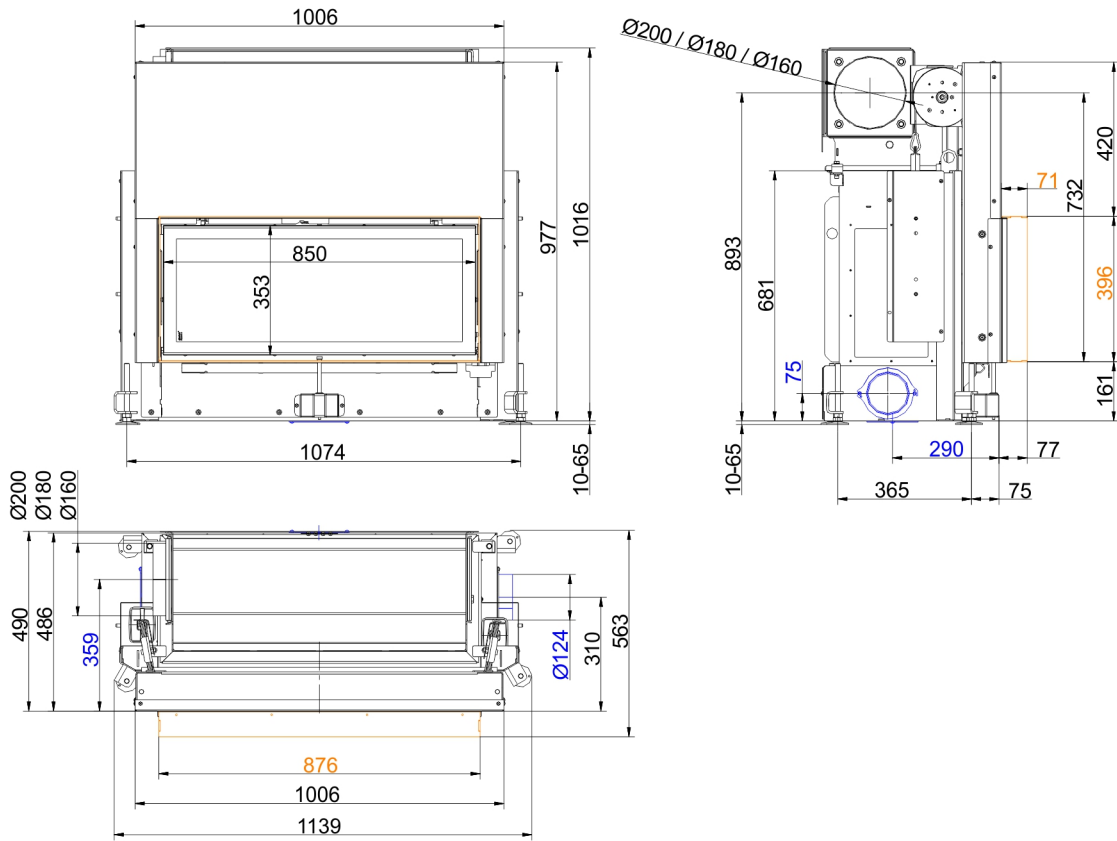


... with door frame

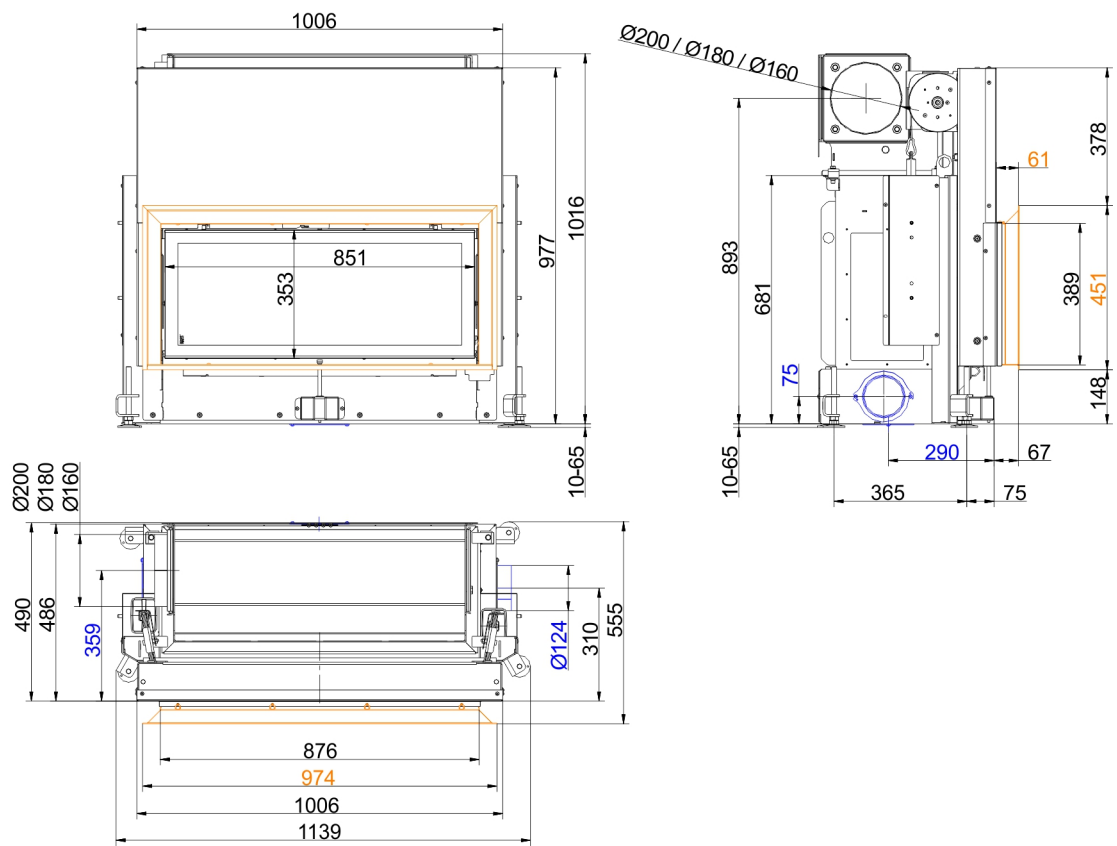


... with mounting frame 50 mm

# Dimension sheets - Architektur 38/86

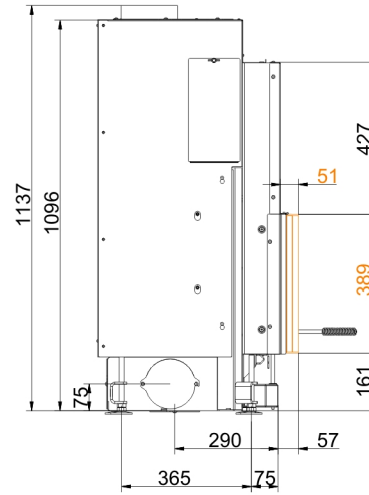
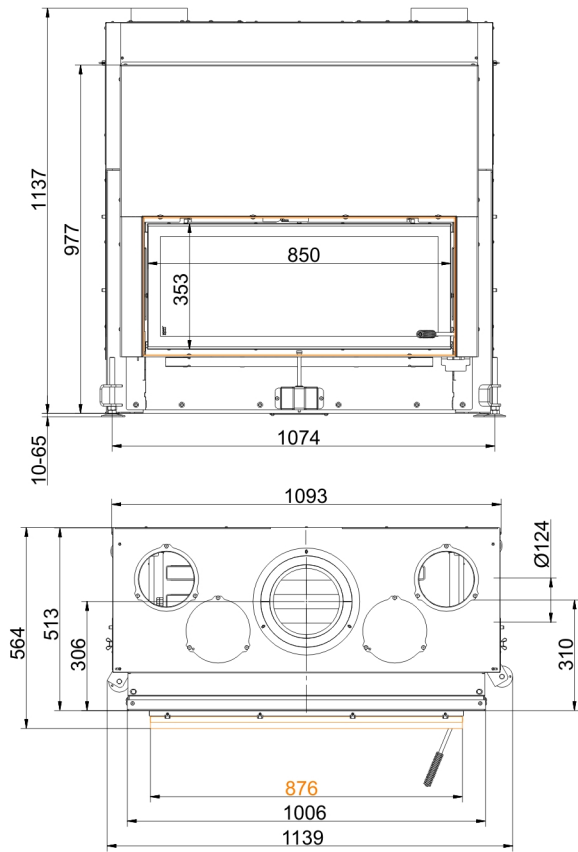


... with mounting frame 70 mm

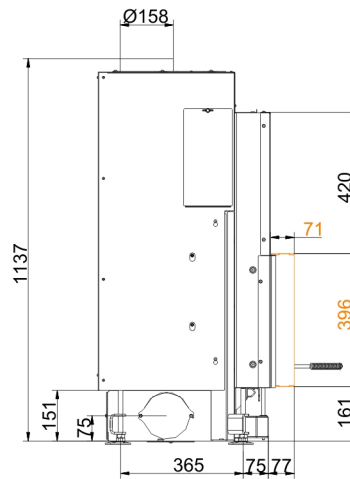
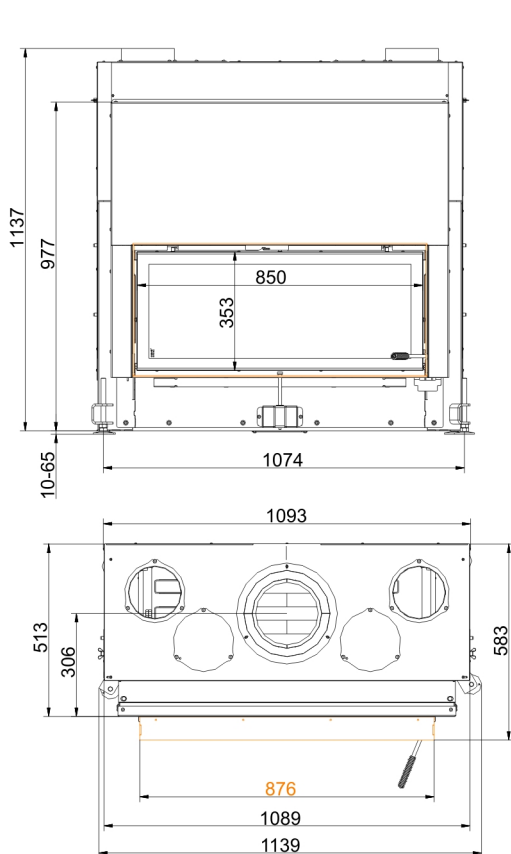


... with door frame

# Dimension sheets - Architektur 38/86

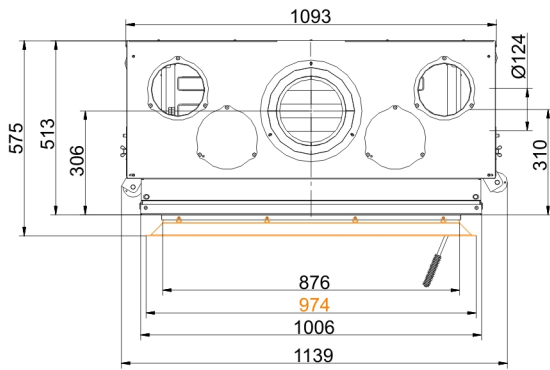
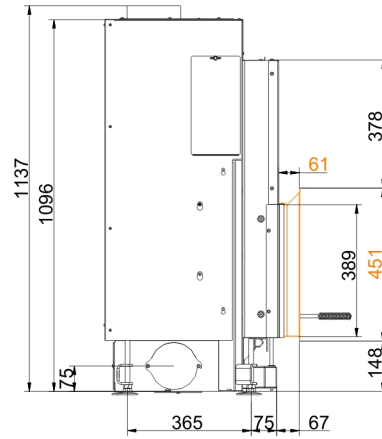
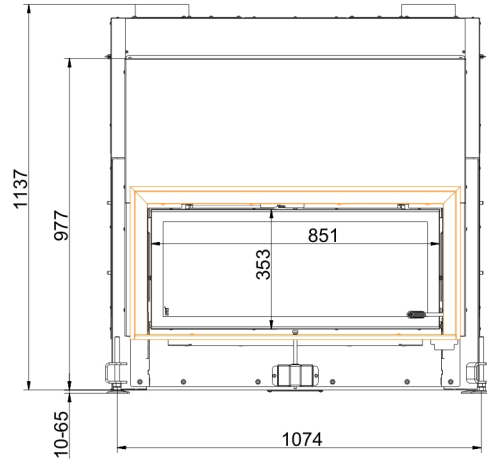


... with mounting frame 50 mm and convection cladding

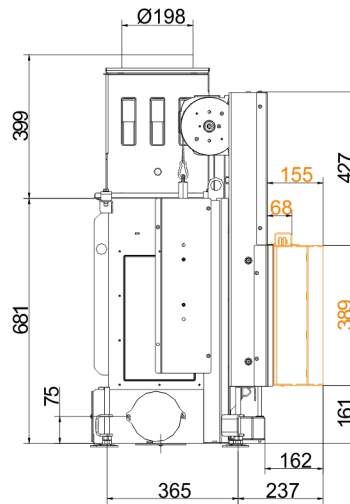
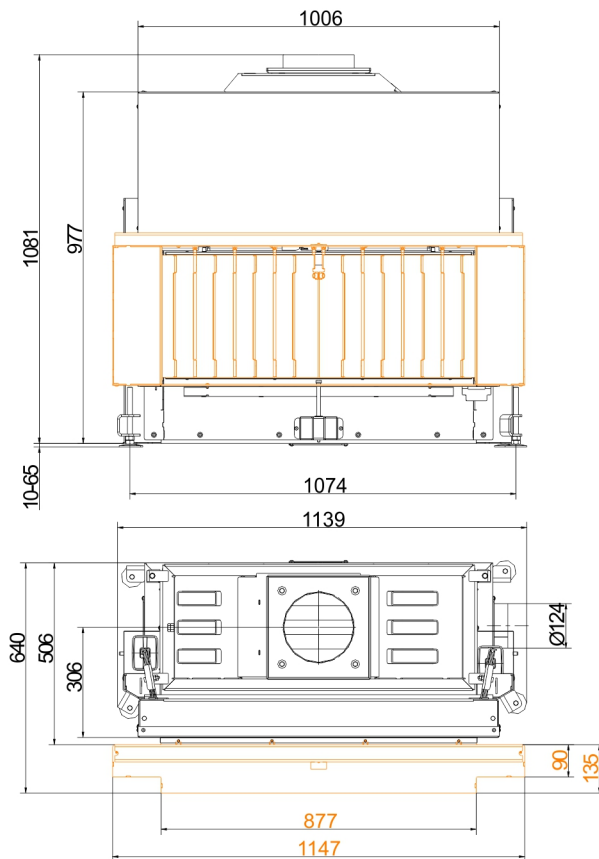


... with mounting frame 70 mm and convection cladding

# Dimension sheets - Architektur 38/86



... with frame and convection cladding



... with heatSTOP®

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 - Architektur 38/86

Tested according to		EN 13229 W	EN 13229 WA	EN 13229 W
Values measured at		Rated capacity	Accumulation	Open
Suitable for all construction types according to rules		OK	OK	-
EEl		105.7	105.7	105.7
<b>Data for functional demonstration</b>				
Rated heat power	kW	10	-	-
Fire wood volume	kg/h	3.1	5.3	3.1
Combustion performance	kW	13.5	22	13.5
Flue gas mass flow	g/s	11	20	75
Outlet temperature (before heating surface)	°C	-	375	-
Flue gas temperature after:				
attached steel smoke hood	°C	240	-	135
1 x adjoining cast iron radiator (GNF 8/10)	°C	-	180	-
2 m ceramic accumulator <sup>1)</sup>	°C	-	180	-
1,4 m accumulation stones (MSS) <sup>1)</sup>	°C	-	180	-
Necessary supply pressure	Pa	12	15	6
Combustion air consumption	m <sup>3</sup> /h	30	45	200
Combustion air connection Ø	mm	125	125	-
<b>Heat distribution</b>				
Insert / heat accumulator	%	30 / 30	30 / 30	-
Glass pane (single / double)	%	40 / -	40 / -	-
<b>Cross-section of gratings <sup>2)</sup></b>				
Supply air	cm <sup>2</sup>	700 / 100 / 500	700 / 100 / 500	-
Warm air	cm <sup>2</sup>	700 / 100 / 500	700 / 100 / 500	-
<b>Minimal oven surface for closed construction type</b>				
Heat dissipating surface	m <sup>2</sup>	5	5	-
<b>Min. distances of fireplace without / with convection casing</b>				
to insulation layer	cm	8 / 3	8 / 3	8 / 3
to mounting floor	cm	2 / 2	2 / 2	2 / 2
<b>Thermal insulation without / with air gratings <sup>3)</sup></b>				
Mounting wall	cm	18 / 14	18 / 14	18 / 14
Floor	cm	2	2	2
Ceiling	cm	28 / 20	28 / 20	28 / 20
Brick lining for combustible wall	cm	10	10	10
<b>Weight</b>				
Fireplace / combustion chamber	kg	160 / 64 / -		
<b>Meets requirement/limit values for:</b>				
Germany/ Austria / Suisse / Norway		1.BImSchV (Stufe 2) / 15a	- / - / - / NS 3059	
		BVG (2015) / LRV / NS 3059		

1) Approximate value. Proof of function provided by calculation required

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

3) Values determined with upper air sections; stove cladding is heat emitting.