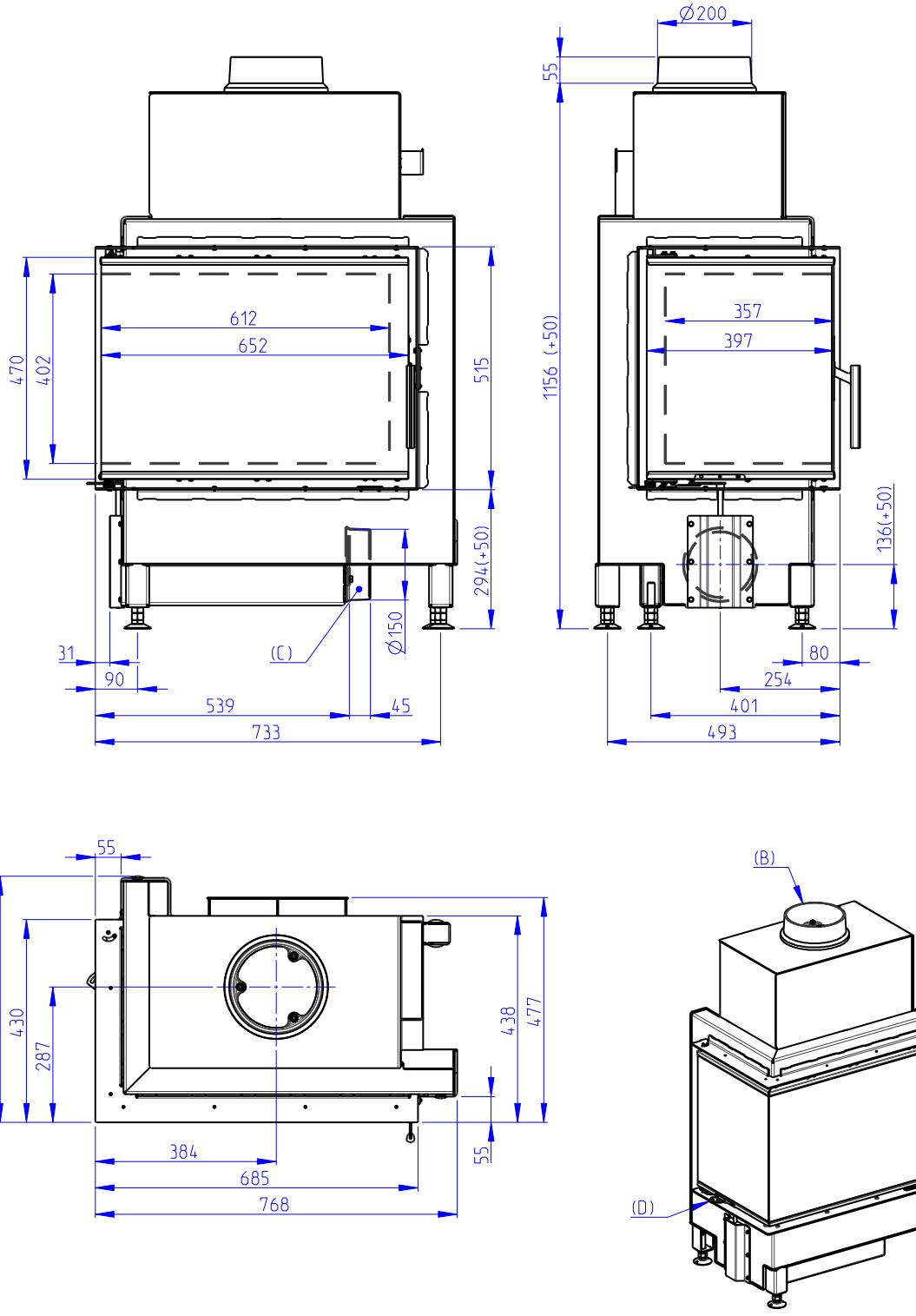
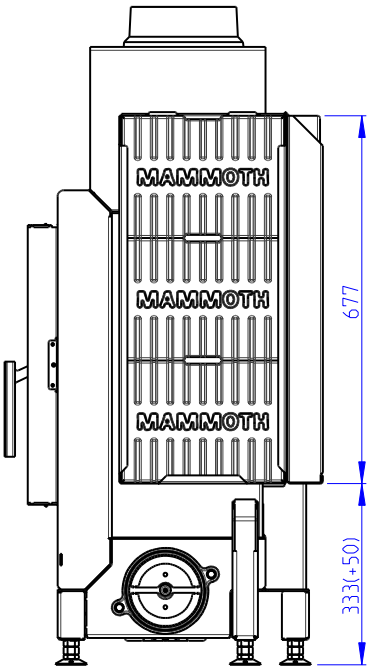
Heat L 4g S 65.51.40.21 (24,26)



(A) Zastavbovy rozmer / In-built dimension / Baumaße / Dimension intégrée
(B) Litinový odvod koure / Cast iron spigot / Der gusseiserne Rauchabgang / Sortie de fumée en fonte
(C) Centralni privod vzduchu / Central air inlet / Zentralluftzufuhr / Arrivée d'air extérieur
(D) Primarni a sekundarni vzduch / Primary and secondary air / Primärluft und Sekundärluft / Air primaire et secondaire
(L) Volna plocha proskleni / Free glass area / Freie Glassichtfläche / Surface en verre libre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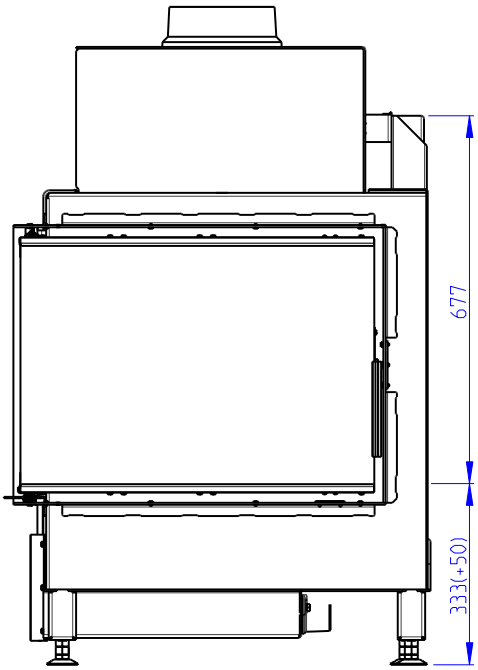
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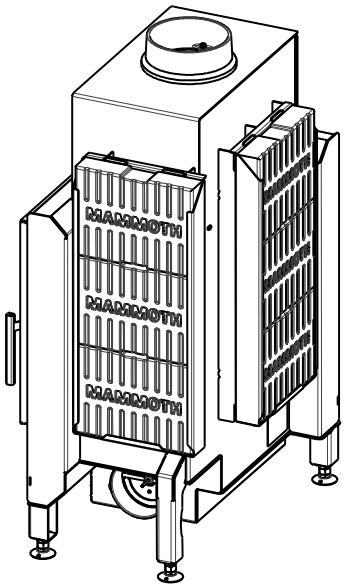
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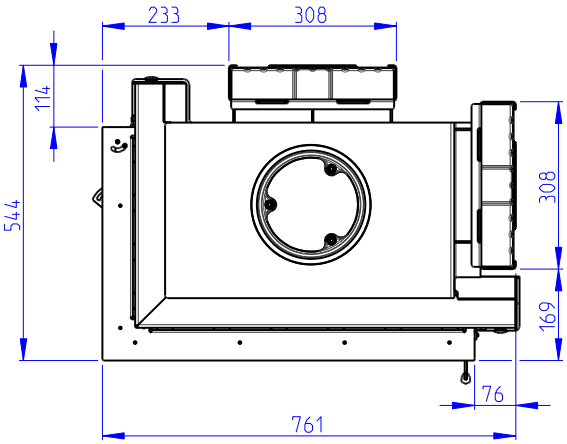
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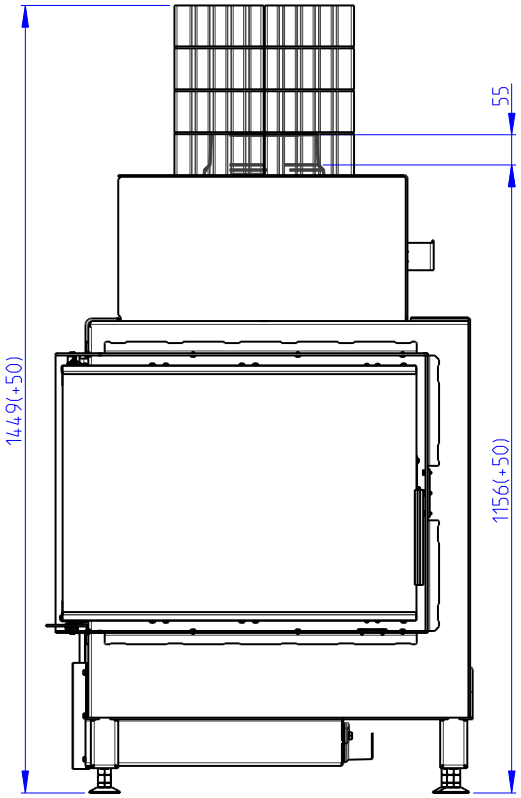
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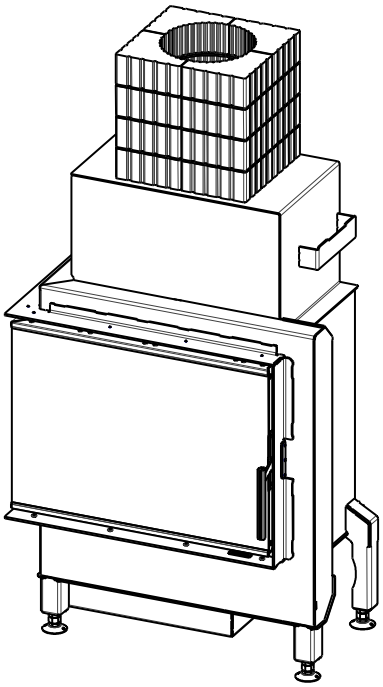

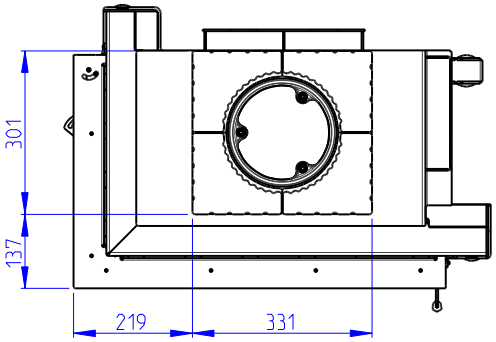
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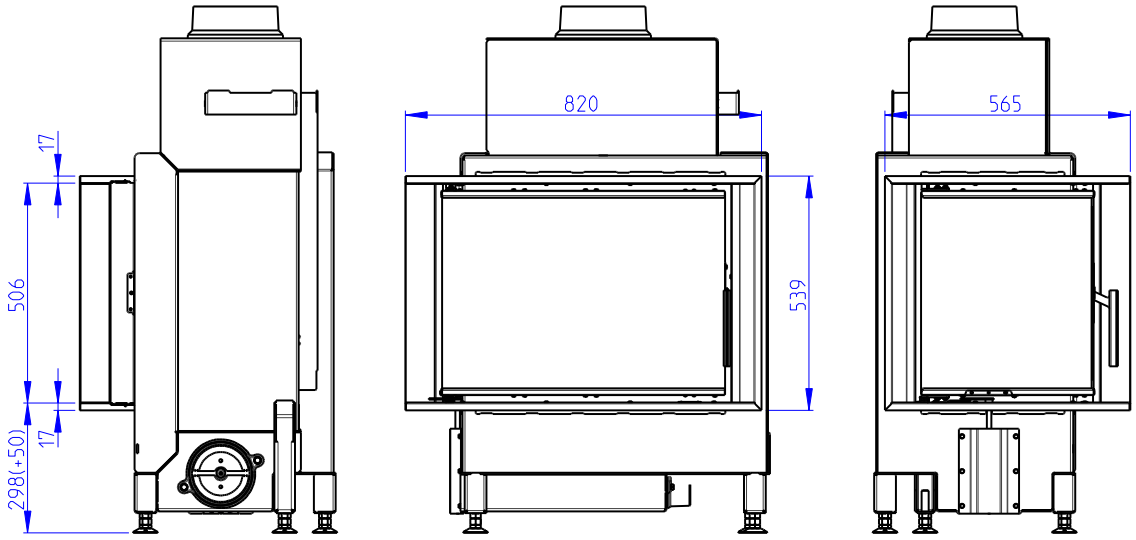
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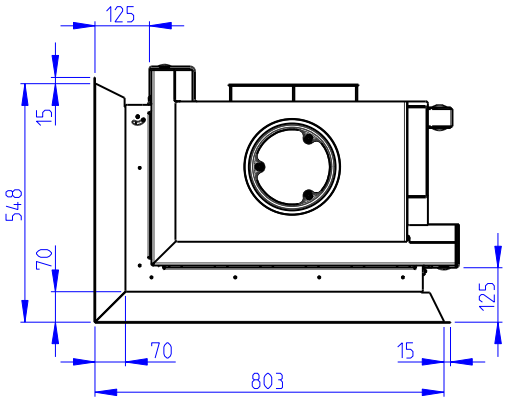
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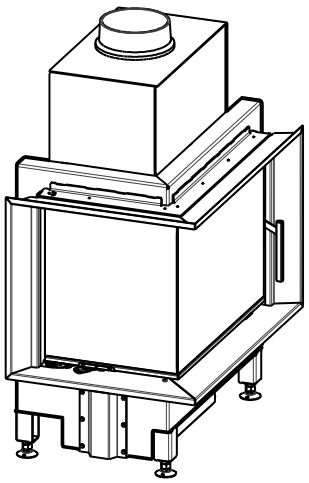

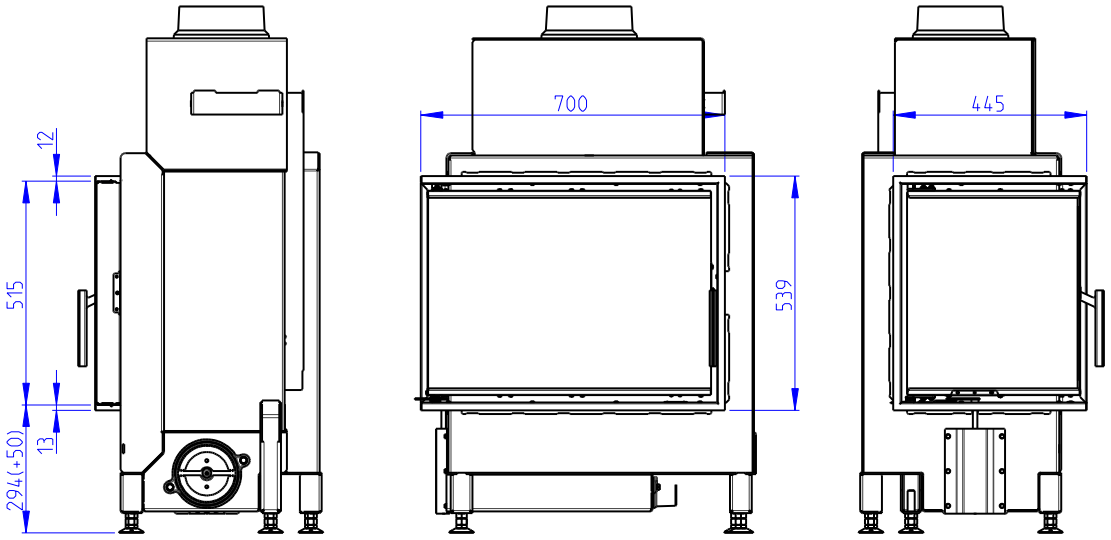
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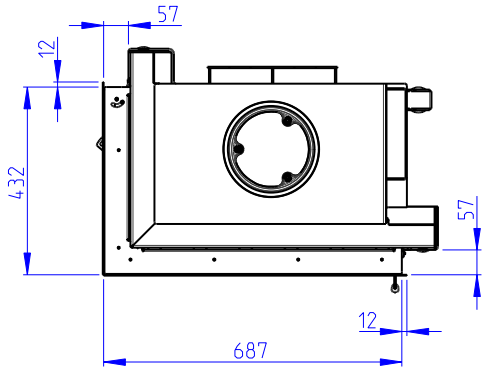
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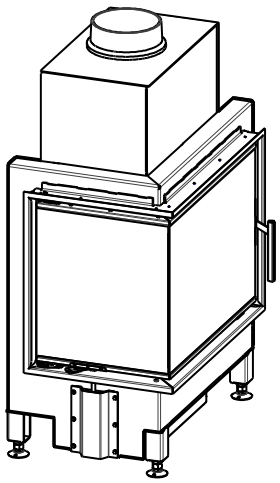

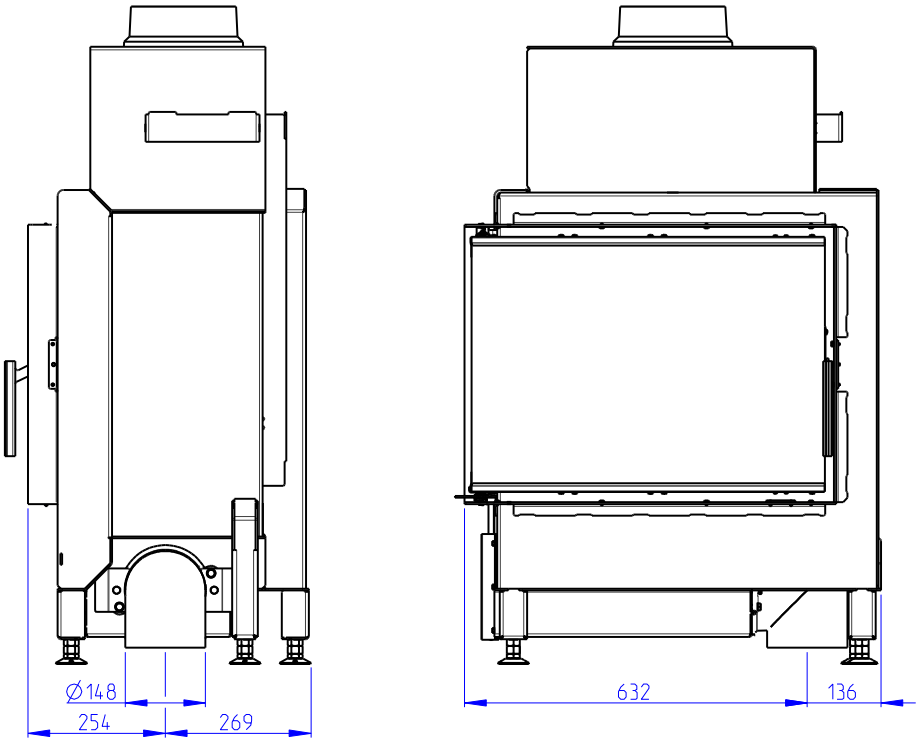
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Declared qualities stated

Harmonised technical specification	✓ EN 16510-1 ed.2:2023 | EN 16510-2-2:2022 ✓ Ecodesign ✓ DIN+ ✓ BImSchV2 ✓ 15a B-VG 2015			
Classification of appliance		Type BE		
		Nominal heat output (nom)	**Part load heat output (part)**	
Energy efficiency	η_{nom} | η_{part}	81	---	%
Seasonal space heating energy efficiency at nominal heat output	ηs_{nom} | ηs_{part}	71	---	%
Energy Efficiency Index	EEI	107		
Energy label		A+		
Fuel		Wood logs		
Fuel length		180-350		mm
Average fuel consumption		3,12	---	kg/h
Allowed fuel dose		4,1		kg/h
Fuel supply interval		1 hour		
Amount of combustion air		39,5		m^3/h
Nominal heat output	P_{nom} | P_{part}	10,4	---	kW
Hot-water exchanger nominal heat output	P_{Wnom} | P_{Wpart}	---	---	kW
Maximum water operating pressure	p_W	---		bar
Dry flue gas mass flow rate	$\Phi_{f,g\ nom}$ | $\Phi_{f,g\ part}$	9,4	---	g/s
Average flue gas temperature		250	---	°C
Flue gas outlet temperature	T_{snom} | T_{spart}	300	---	°C
Flue draught	p_{nom} | p_{part}	12	---	Pa
Chimney temperature class		T400		
Connection to the common chimney		Yes		
Storage of fuel in the wood shed area Maximum warming of the wood in the wood shed		No ---		 °C
Dust O_2 = 13 %	PM_{nom} | PM_{part}	33	---	mg/Nm^3
Emissions of gases of combustion (CO in the flue gases at O_2 = 13 %)	CO_{nom} | CO_{part}	0,0930 1162	--- ---	% mg/Nm^3
OGC O_2 = 13 %	OGC_{nom} | OGC_{part}	53	---	mg/Nm^3
NOx O_2 = 13 %	NO_{xnom} | NO_{xpart}	79	---	mg/Nm^3
Automatic regulation unit of burning		---	---	
Electricity consumption in standby mode	el_{SB}	---		kW
Electricity consumption	el_{max} | el_{min}	---	---	kW
Standing air loss	V_h	---		m^3/h
Intermittent operation | Continuous operation	INT | CON	INT		

Basic technical data

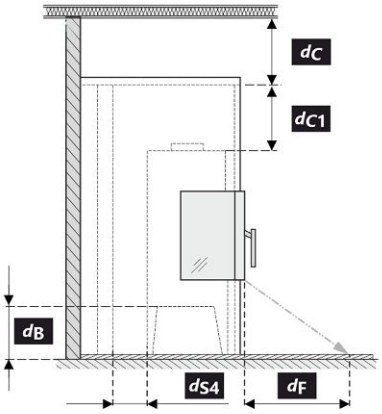
Principal dimensions (Height | Width | Length)	H | W | L	1206 | 768 | 522	mm
Combustion chamber dimensions	H | W | L	506 | 551 | 290	mm
Fireplace door dimensions	H | W | L	470 | 652 | 397	mm
Axis height of the rear (side) outlet		---	mm
Volume of hot-water exchanger		---	l
Flue diameter		200	mm
Diameter of flue throat	d_{out}	200	mm
Diameter of external air connection		150	mm
Maximum length (pipe) of external air intake		6000	mm
Weight	m	162	kg

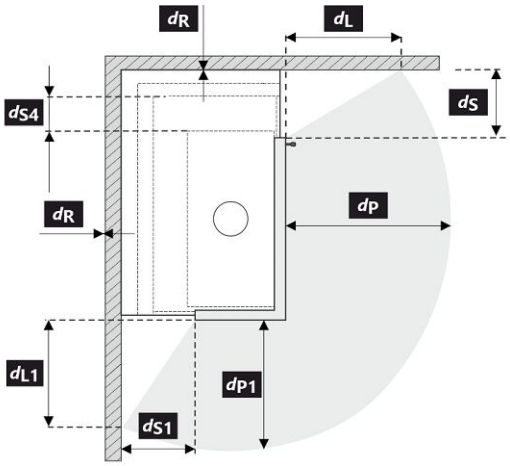
Heat capacity

minimum size of the room of appliance installation

Insulation of the house – very good (20 W/m³)	e.g. new, insulated house / permanently inhabited	308	m³
Insulation of the house – good (22,5 W/m³)		274	m³
Insulation of the house – middle (32 W/m³)		193	m³
Insulation of the house – bad (45 W/m³)		137	m³
Insulation of the house – very bad (50 W/m³)	e.g. old, uninsulated house / cottage / chalet	123	m³

Distances from flammable materials		**Note**			
Back	d_R		0		mm
Front	d_P | d_{P1}		1000	800	mm
Front to the floor	d_F | d_{F1}		340	300	mm
Side	d_S | d_{S1}	*	270	270	mm
Side – niche	d_{S2}		---		mm
Side – location 45°	d_{S3}		---		mm
Side radiation	d_L | d_{L1}		330	280	mm
From the floor	d_B	**	100		mm
From the ceiling	d_C		500		mm
From the back and side edge of the fireplace insert to the inside of the insulation	d_{S4}	*	120		mm





All local regulations, including regulations relating to national and European standards, must be observed during the installation and operation of the product.

In case 65 K is not superseded due to radiation on the floor in front and/or on the side walls, d_F and/or d_L are 0 mm.

* If the distance from the door glass to the combustible side wall is d_S<270 mm and must not be d_{S4}<120 mm, this wall must be protected by a SILCA 250 (SILCA® 250SB, thickness 2x50 mm) or can be replaced by an adequate substitute.

** If the distance of the bottom of the fireplace insert is from the combustible floor d_B <100 mm, while it must not be d_B <100 mm, the combustible floor must be protected from inserts by a SILCA 250 (SILCA® 250SB, thickness 40 mm) or can be replaced by an adequate substitute.

Legend	Note	Description	Material	Dimension
1		Appliance	275B 0000 002	
2		Flue gas outlet	metal	DN200
3		Insulation of the flue gas connection		
4		Mineral insulation		
5		Convection air space around the appliance		
6		Protective insulation of walls	SILCA 250	2x50 mm
6A		Protective ceiling insulation	SILCA 250	80 mm
7		Protective wall	hollow burnt brick	100 mm
8		Combustible wall		

9		Concrete slab		
10		Combustible floor		
11		Decorative / ornamental beam		
12		Beam with ventilation air gap		
13		Convection air inlet		700 cm^2
14		Convection air outlet		900 cm^2
15		Lining	SILCA 250	40 mm
16		Support frame		
17		Combustible ceiling		
18	**	Protective insulation board for combustible floors	SILCA 250	40 mm
19		Combustion air regulation		
20		Sheet metal cover if mineral wool is used		
21		If necessary, a floor protection plate under the appliance		
d_C		From the top of the exhaust vent to the combustible ceiling		500 mm
d_{C1}		– From the top of the fireplace insert to the underside of the ceiling insulation – In the case of an installed heat exchanger from the top edge of the heat exchanger to the underside of the ceiling insulation		300 mm 200 mm
d_{S4}	*	From the back and side edge of the fireplace insert to the inside of the insulation		120 mm
d_{S5}		From the front edge of the fireplace insert to the inside of the insulation		10 mm
d_B	**	From the bottom of the fireplace insert to the fireproof floor		100 mm

Caution: Fire protection / insulation boards SILCA® 250SB can be replaced by a suitable nonflammable material with a thermal conductivity (λ) ≤ 1,1 $W \cdot m^{-1} \cdot K^{-1}$.

Protective wall – hollow burnt brick (thickness 100 mm) can be replaced by a suitable nonfammable material with a thermal conductivity (λ) ≤ 0,36 $W \cdot m^{-1} \cdot K^{-1}$.