NEO-Line Kaso 850

Overview

- Data sheet
- Side radiation area convective hot air according to EN16510-2-1
- Side radiation area convective hot air according to EN16510-2-2
- Dimensional drawings:
  - Basic model
  - Frame 3-sided 40 mm
  - Frame 3-sided 60 mm
  - Frame 3-sided 80 mm
  - Frame 4-sided 40 mm
  - Frame 4-sided 60 mm
  - Frame 4-sided 80 mm
- Product data sheet inkl. energy label

NEO-Line Kaso 850

NEO-Line Kaso 850 with Frame 4-sided 60 mm

NEO-Line Kaso 850

Data sheet

Details

- Welser profile frame
- Inner lining vermiculite
- Hinged door, self-closing
- Interchangeable door hinge
- Glass: 1-section
- Adjustable feet adjustable through the combustion chamber
- Flue gas connector adjustable through the combustion chamber

Standard

- Combustion air connector 125 mm
- Flue gas connector 150 mm

Optional

- Convection fan
- Frames

NEO-Line Kaso 850

NEO-Line Kaso 850 with Frame 4-sided 60 mm

Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 09/2025

NEO-Line Kaso 850

Data sheet

Technical data

• Nominal heat output		10,5 kW
• Thermal output range[1]		---
• Efficiency		>78 %
• Insulation thickness (with a wall that does not need to be protected, based on TROL, Reference insulation material)		80 mm
• Insulation thickness (Combustible components based on TROL 2022)		WDS 2 - WDS 4 H
• Combustion air connector		Ø 125 mm
• Type of combustion air supply		$VL_{Room,}$ $VL_{External}$
• Recommended length of logs		33 cm
• Weight		125 kg
• Heat distribution: through the viewing window		30 %
• Heat distribution: convective output		70 %
• Recommended free cross-section[2]	Supply air	1764 cm²
	Recirculation air	1470 cm²

Data for chimney sweep according to DIN EN 133844 (closed operation)

Triple values with nominal heat output

• Flue gas mass flow	11,7 g/s
• Flue gas temperature	229 °C
• Required delivery pressure	12 Pa

[1] DThe thermal output range is dependent on the volume and quality of wood loaded. Only use the nominal heat output triple values to calculate the chimney.

[2] DThe calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and recirculation air cross sections. Free cross section in cm² for grid or break-through tile based on the heat output for air heating. Supply air grille 240 cm²/kW, recirculation air grille 200 cm²/kW. The calculated values may be exceeded or fallen short of by up to 20%.

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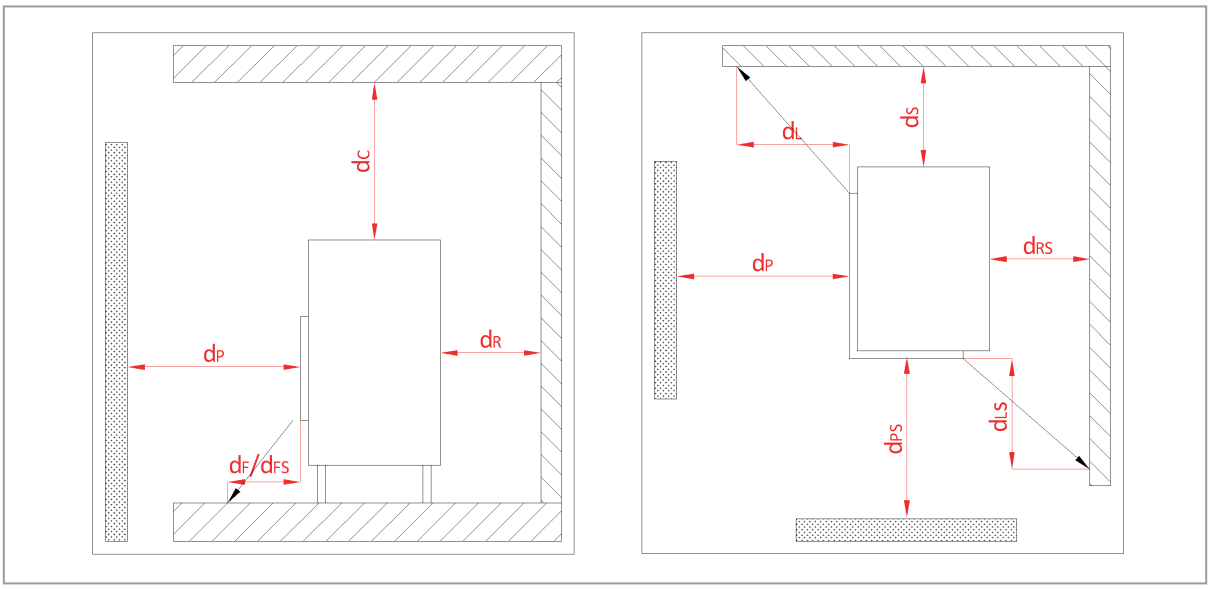
Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

NEO-Line Kaso 850

Side radiation area convective hot air according to EN16510-2-1



View from the side and from above

Minimum distance to combustible materials:	**Abbr.**	**Fireplace cassette inserts:**
		NEO-Line Kaso 850
ceiling	(d_C)	>750 mm
rear and side (between the insulation and the test wall)	(d_R)	200 mm
rear and side (between the insulation and the insert)	(d_S)	200 mm
side radiation area front glass	(d_L)	450 mm
side radiation area side glass	(d_{LS})	0 mm
to adjacent combustible materials front glass	(d_P)	800 mm
to adjacent combustible materials side glass	(d_{PS})	0 mm
distance on the floor to the front	(d_F)	0 mm
distance on the floor to the side	(d_{FS})	0 mm
distance belowe the fireplace	(d_B)	> 320 mm

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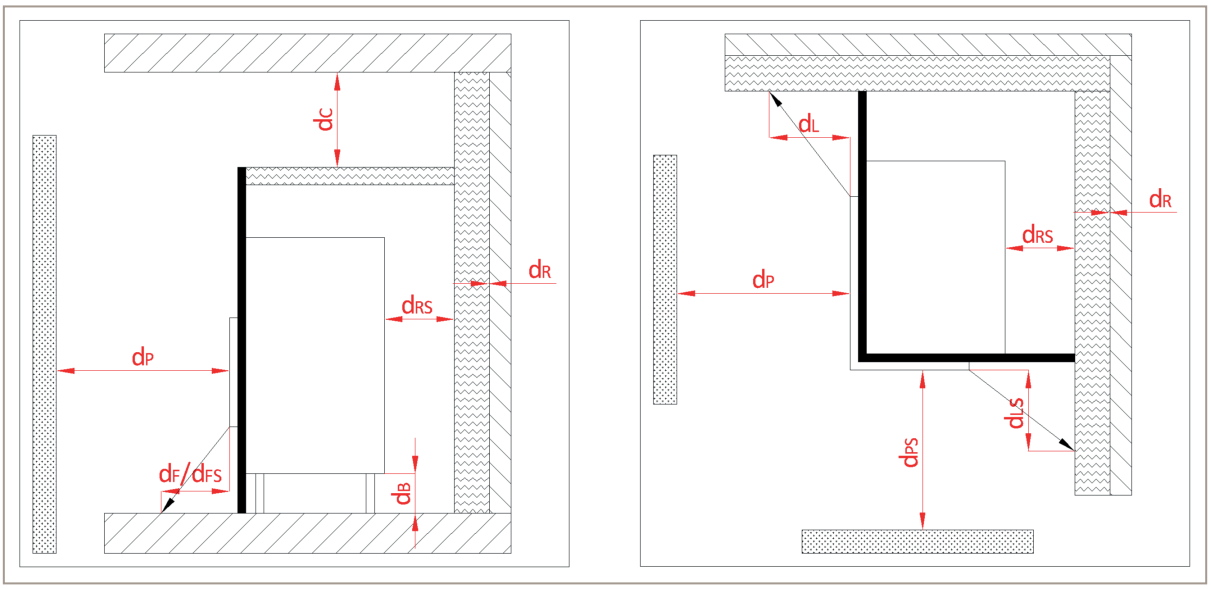
NEO-Line Kaso 850

Side radiation area convective hot air according to EN16510-2-2



View from the side and from above

Minimum distance to combustible materials:	**Abbr.**	**Fireplace cassette inserts:**
		NEO-Line Kaso 850
ceiling	(d_C)	>750 mm
rear and side (between the insulation and the test wall)	(d_R)	0 mm
rear and side (between the insulation and the insert)	(d_{RS})	0 mm
side radiation area front glass	(d_L)	450 mm
side radiation area side glass	(d_{LS})	0 mm
to adjacent combustible materials front glass	(d_P)	800 mm
to adjacent combustible materials side glass	(d_{PS})	0 mm
distance on the floor to the front	(d_F)	0 mm
distance on the floor to the side	(d_{FS})	0 mm
distance belowe the fireplace	(d_B)	> 320 mm

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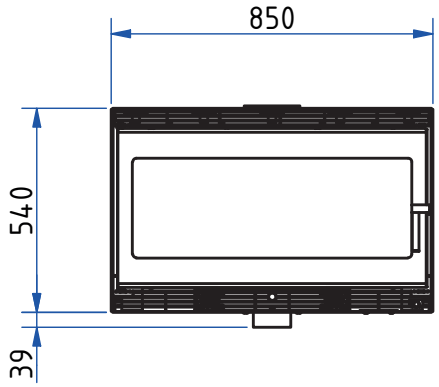
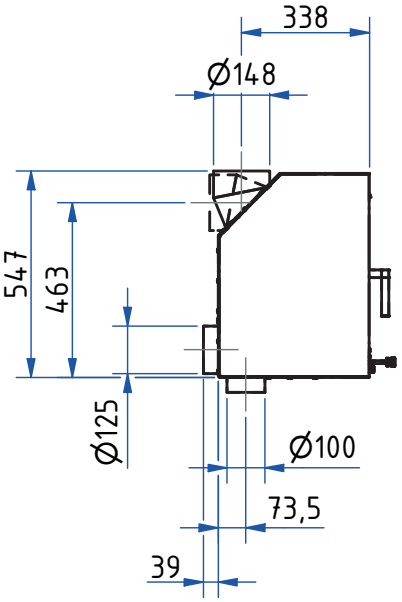
NEO-Line Kaso 850

Dimensional drawings

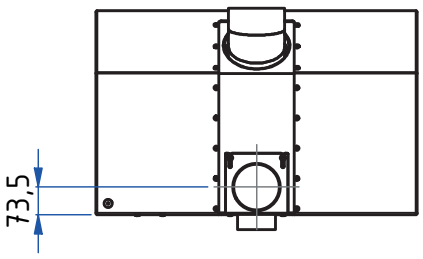
Front view, scale 1:20



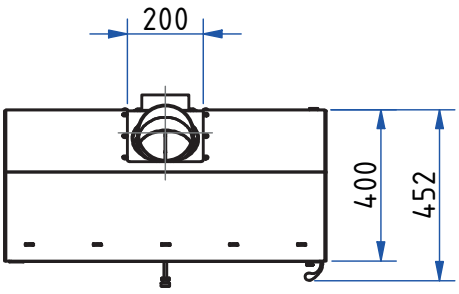
Side view, scale 1:20



Rear view, scale 1:20



Top view, scale 1:20



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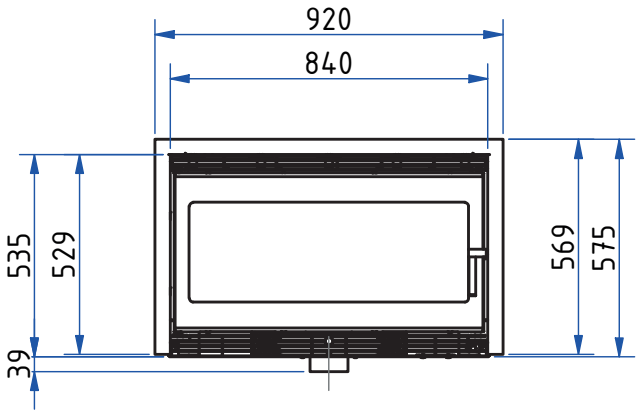
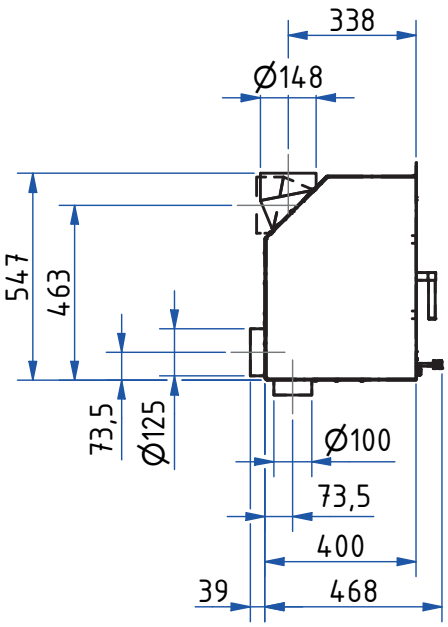
NEO-Line Kaso 850

Dimensional drawings with Frame 3-sided 40 mm

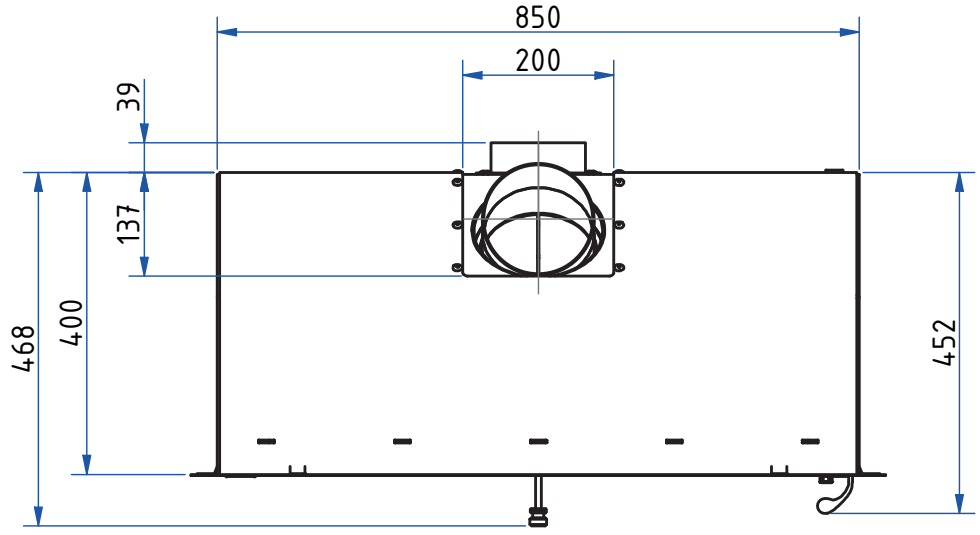
Front view, scale 1:20



Side view, scale 1:20



Rear view, scale 1:20



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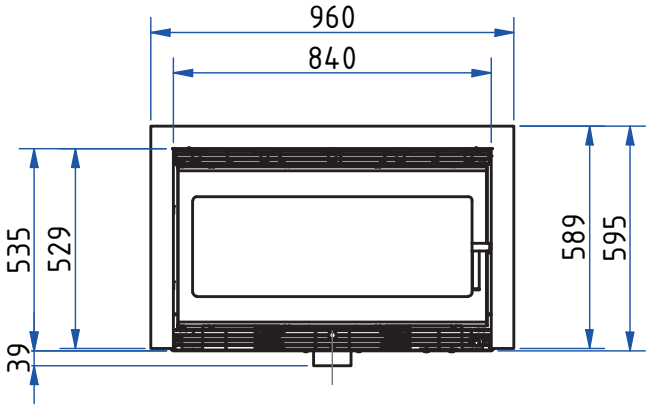
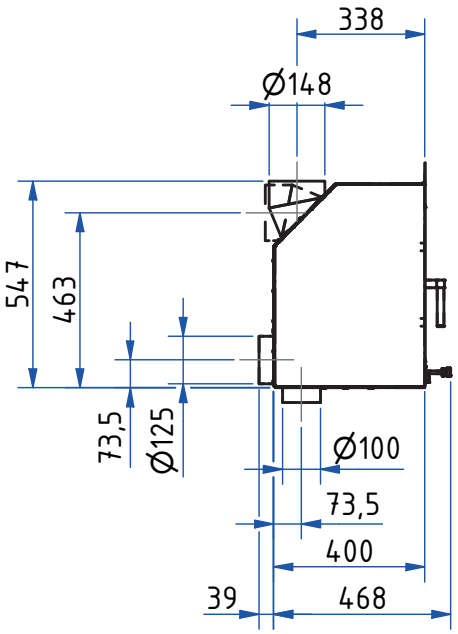
NEO-Line Kaso 850

Dimensional drawings with Frame 3-sided 60 mm

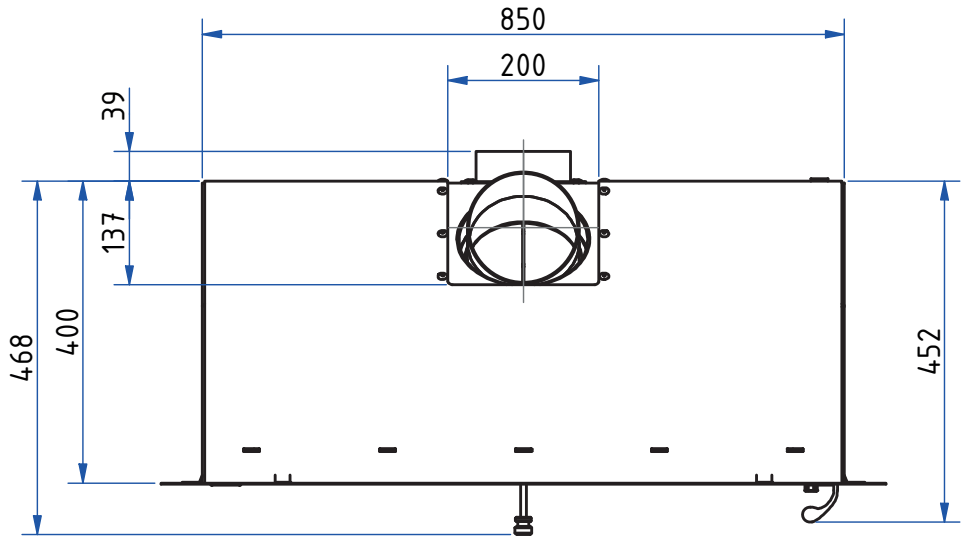
Front view, scale 1:20



Side view, scale 1:20



Rear view, scale 1:20



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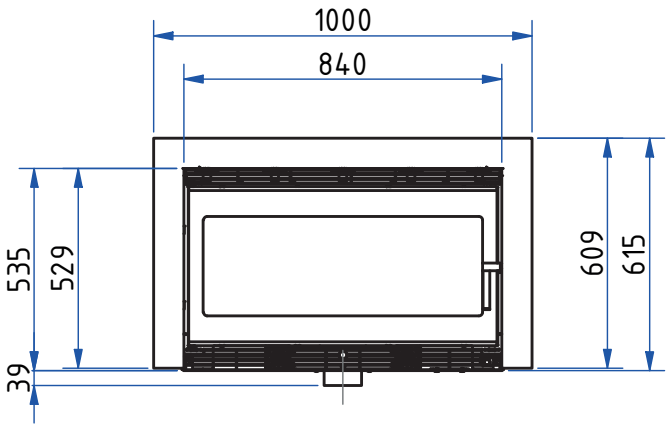
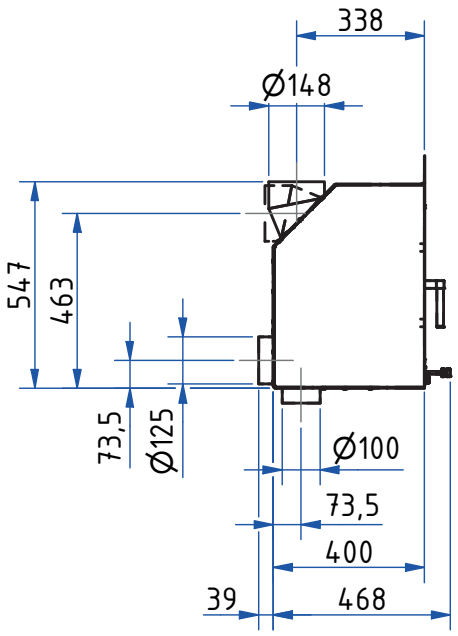
NEO-Line Kaso 850

Dimensional drawings with Frame 3-sided 80 mm

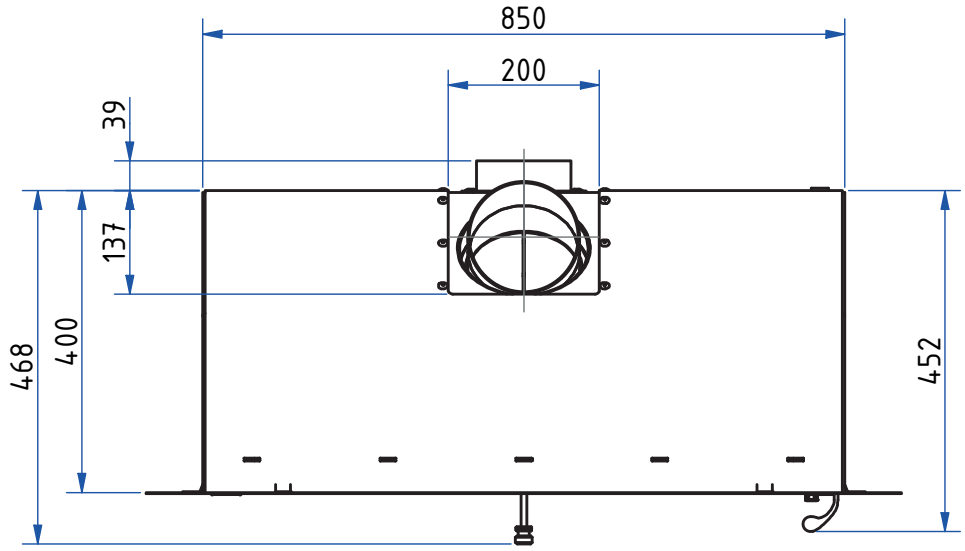
Front view, scale 1:20



Side view, scale 1:20



Rear view, scale 1:20



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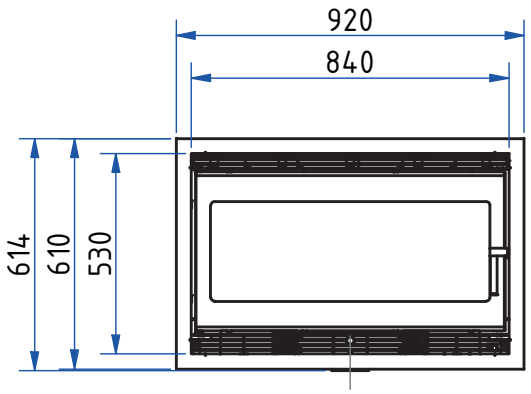
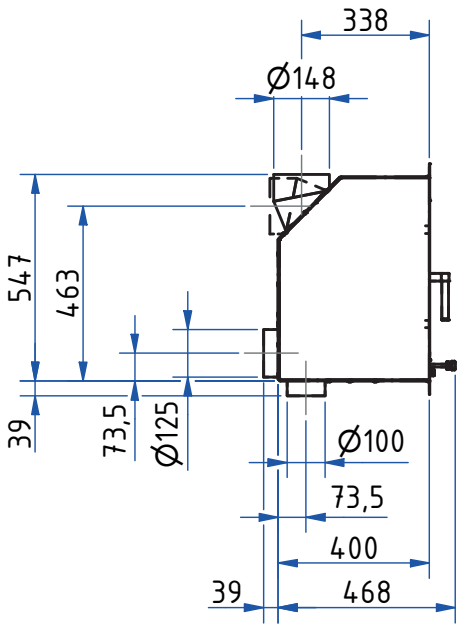
NEO-Line Kaso 850

Dimensional drawings with Frame 4-sided 40 mm

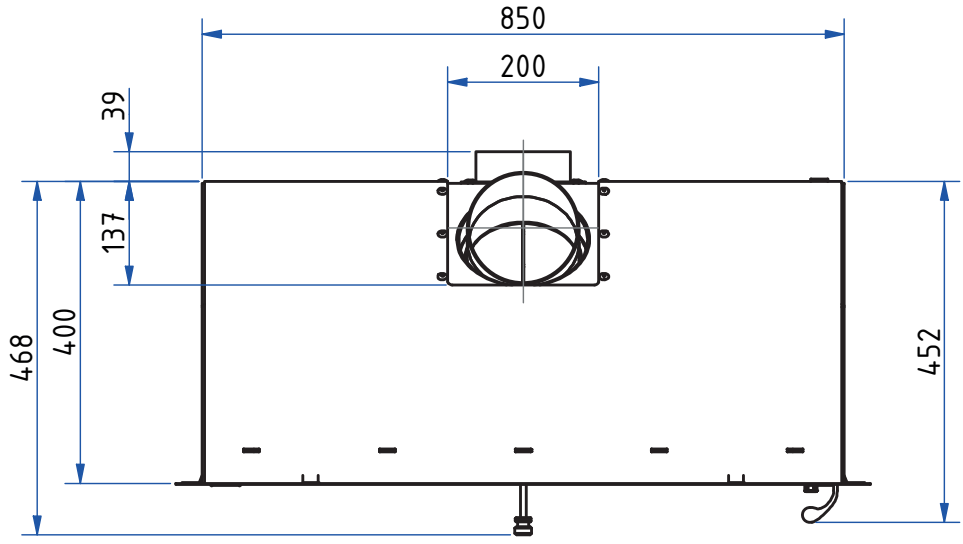
Front view, scale 1:20



Side view, scale 1:20



Rear view, scale 1:20



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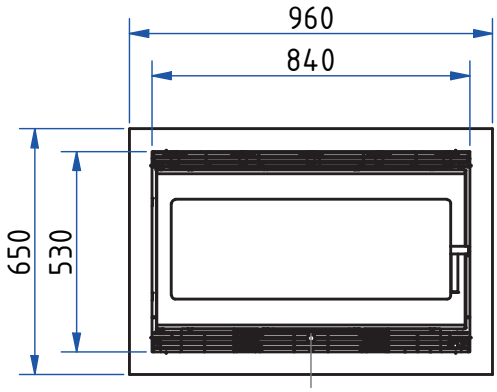
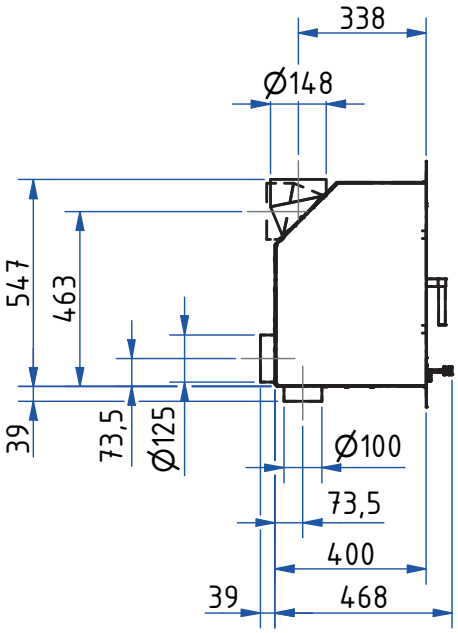
NEO-Line Kaso 850

Dimensional drawings with Frame 4-sided 60 mm

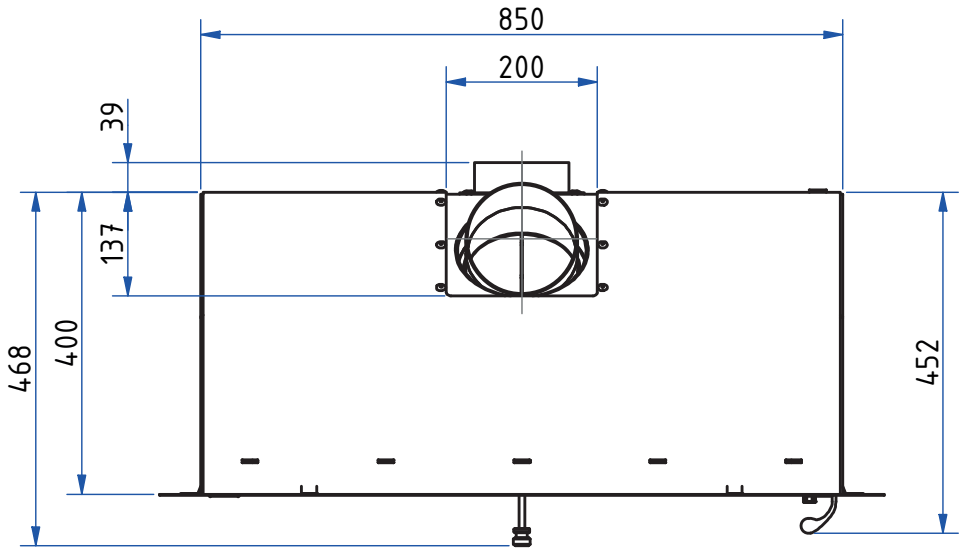
Front view, scale 1:20



Side view, scale 1:20



Rear view, scale 1:20



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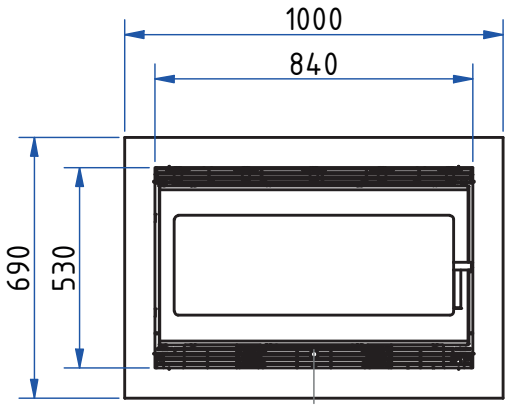
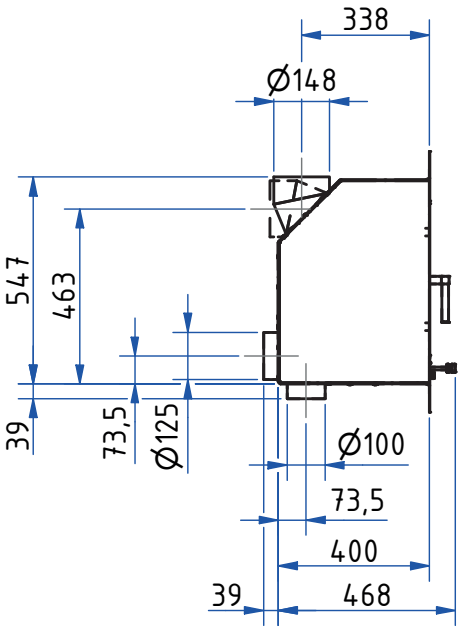
NEO-Line Kaso 850

Dimensional drawings with Frame 4-sided 80 mm

Front view, scale 1:20



Side view, scale 1:20



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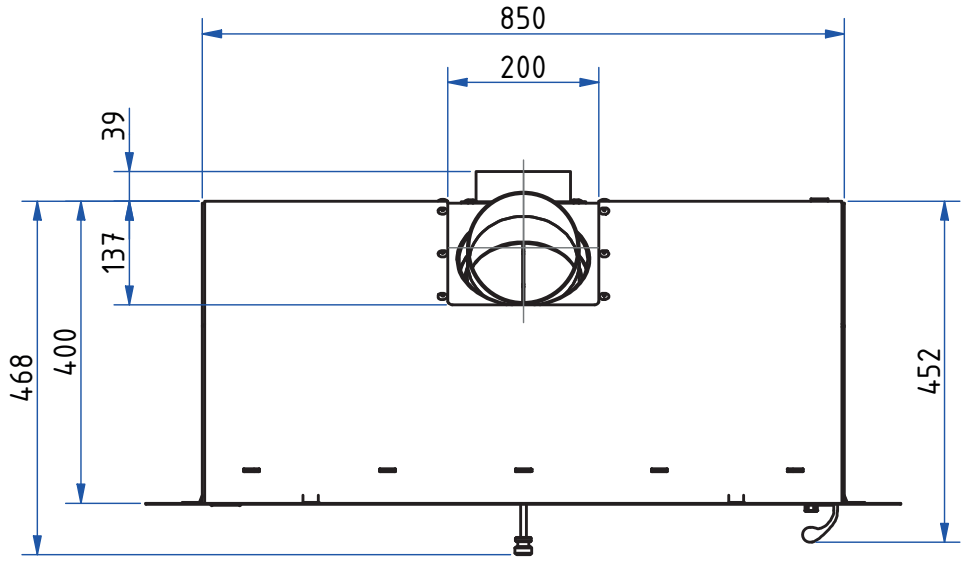

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Product data sheet

Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU

	NEO-Line Kaso 850
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	NEO-Line Kaso 850
Energy efficiency class:	A
Direct heat output (kW)	10,5
Indirect heat output (kW):	–
Energy efficiency index (EEI):	104,0
Energy efficiency at nominal heat output (%):	78,6
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

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	NEO-Line Kaso 850
Room heat output (kW)	10,5
Partial load-thermal output (kW)	–
Partial load-room heat output (kW)	–
Efficiency partial load - thermal output (%)	–
Room heating annual efficiency at nominal heat output	68,6
CO - Emissions (13% O2) at nominal heat output (mg/m^3)	< 1250
NOX - Emissions (13% O2) at nominal heat output(mg/m^3)	< 200
OGC - Emissions (13% O2) at nominal heat output (mg/m^3)	< 120
Particles - Emissions (13% O2) at nominal heat output (mg/m^3)	< 40
Required delivery pressure at nominal heat output (Pa)	12
Required delivery pressure at partial load-thermal output (Pa)	–
Chimney designation according chimney standard	T 400
Suitable for continuous burning operation (CON) or part-time operation (INT)	INT
Minimum distance to combustible components based on TROL 2022	WDS 2 - WDS 4H
Maximum carrying capacity by chimney (kg)	100

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www.camina-schmid.de · info@camina-schmid.de

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Camina Schmid **NEO-Line Kaso 850**

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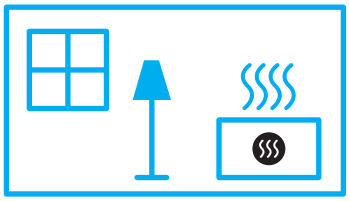

10,5
kW

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2015/1186