

# Ekko L 100(45) h

## Data sheet

### Details

- Fireplace insert, open on two sides
- Glass: 1-section
- 100(45)51 – Height 51cm  
100(45)57 – Height 57 cm
- Optional: Self-closing door
- Adjustable lower air washing
- Standard fire box inner lining: white smooth chamotte
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°



Ekko L 100(45) with guillotine front

### Technical data

• Nominal heat output	9 kW
• Thermal output range	4,1 – 9,4 kW
• Efficiency	>78 %
• Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)	60 mm
• Combustion air connector	2 x Ø 125 mm
• Recommend length of logs	33 cm
• Weight	330 – 350 kg
• Heat distribution through the viewing window	50 %
• Heat distribution, convective output	50 %

### Data for chimney sweep according to DIN EN 13384 (closed operation)

### Triple values with nominal heat output

• Flue gas mass flow	9,5 g/s
• Flue gas temperature	310 °C
• Required delivery pressure	12 Pa

### Triple values for calculating ceramic flues (wood fuel)

• Firing power	23,2 kW
• Flue gas mass flow	16,7 g/s
• Flue gas temperature upstream of the connecting surface	343 °C
• Required delivery pressure at the flue gas connector	15 Pa
• Combustion air requirement	88,8 m³/h
• Recommended flue length <sup>1</sup>	1,7 m

### Data for closed design

• Minimum heat-emitting surface <sup>2</sup>	3,5 m²
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<sup>1</sup>The information regarding flue lengths is a recommendation and based on the calculation in accordance with TROL 2022 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 cm<sup>2</sup>.

<sup>2</sup>Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / m<sup>2</sup>

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 08/2025

### Standard



Kristall front



Guillotine door



2x125 mm  
Combustion air connector

### Optional



Frame



Support frame system



External fuel-door



150 mm  
Combustion air connector



Adera

### Accessories



Adera



1. Federal Emissions Control Ordinance Stage 2



Made in Germany



CERT



EFA

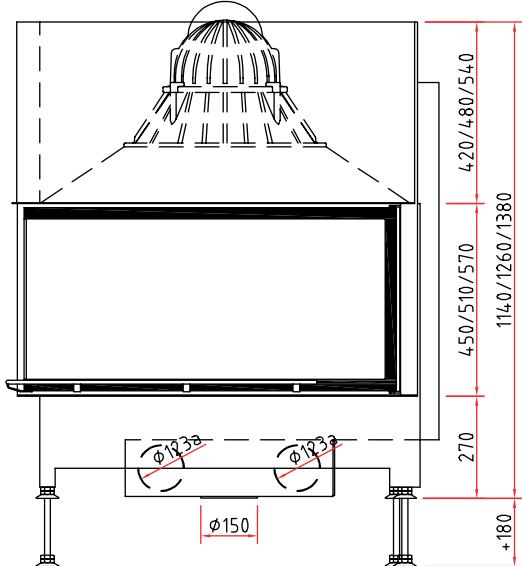


Association of the European  
Fireplaces and Stoves Industry

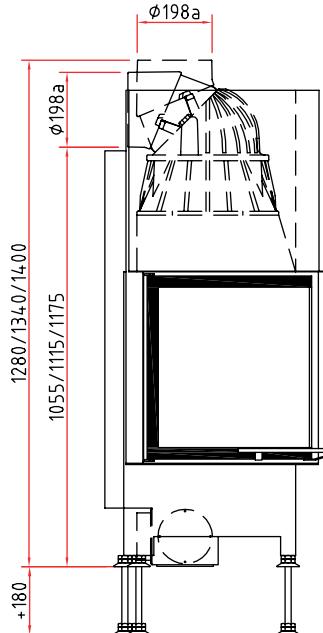
# Ekko L 100(45) h

## Dimensional drawing

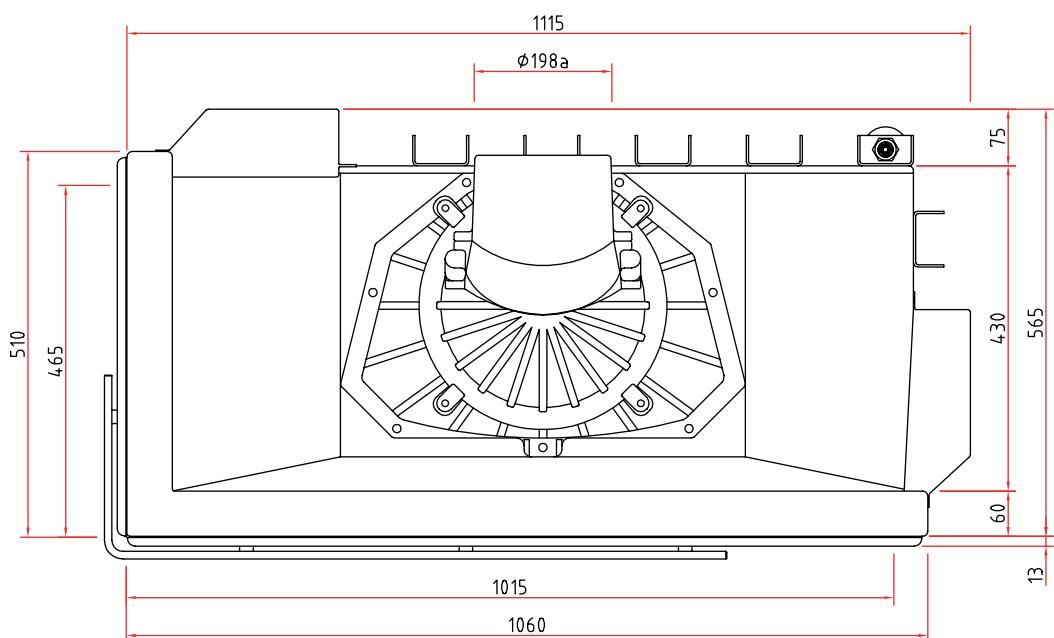
Front view, scale 1:20



Side view, scale 1:20



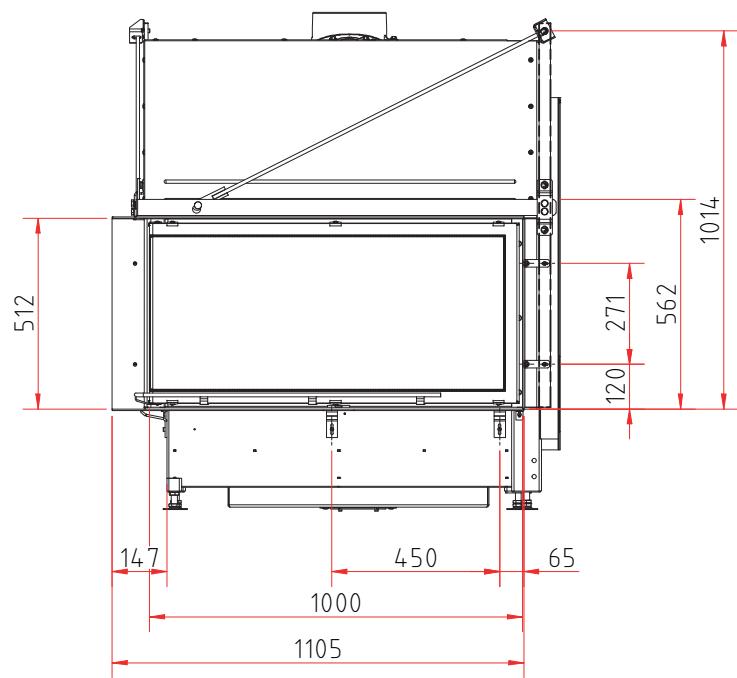
Top view, scale 1:10



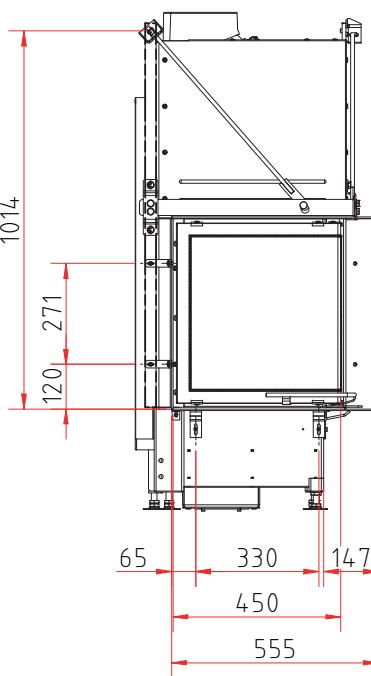
# Ekko L 100(45)51 h

## Dimensional drawing with frame system

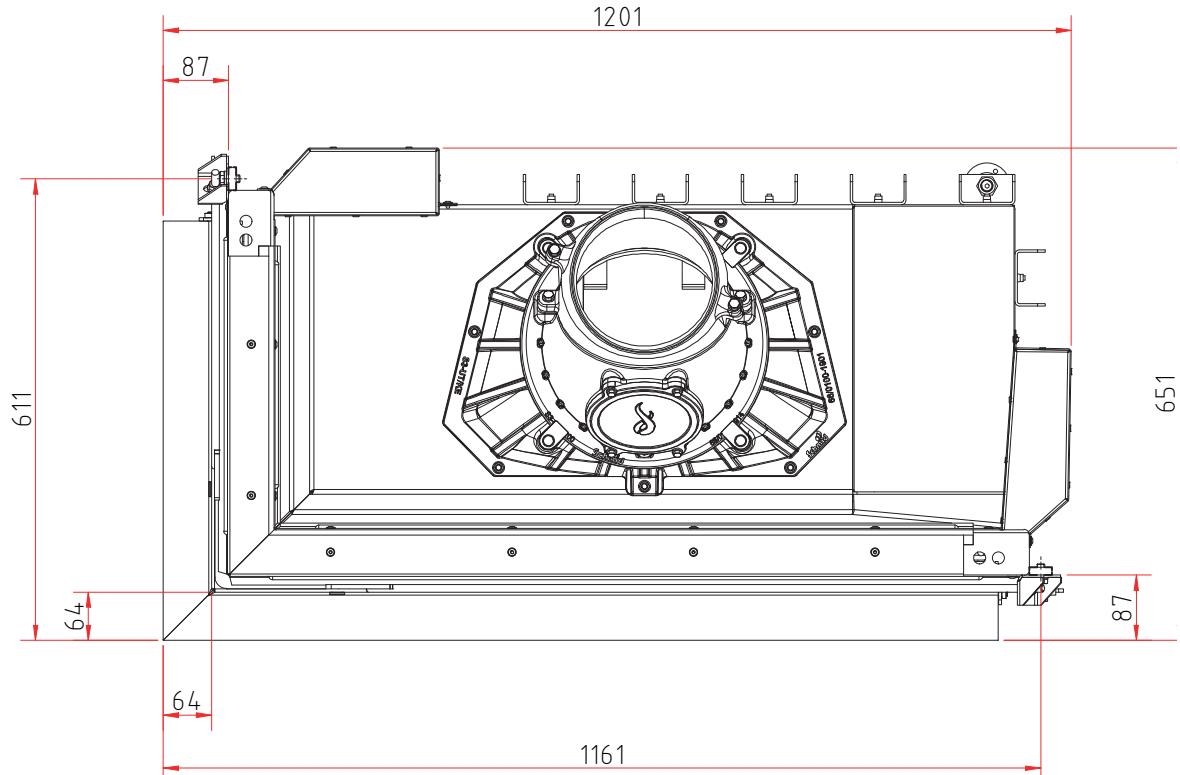
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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## Product data sheet

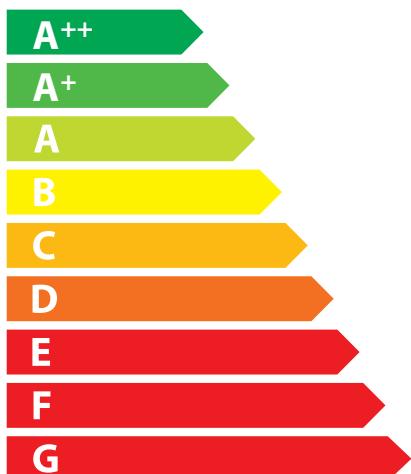
Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU

	<b>Ekko L/R 100(45) h</b>
<b>Supplier's name:</b>	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
<b>Supplier's model identifier:</b>	Ekko L/R 100(45) h
<b>Energy efficiency class:</b>	A
<b>Direct heat output (kW):</b>	9,0
<b>Indirect heat output (kW):</b>	–
<b>Energy efficiency index (EEI):</b>	103,5
<b>Energy efficiency at nominal heat output (%):</b>	78,3
<b>Notes for specific precautions, installation or maintenance:</b>	Please note the reference in the assembly instructions and operating manuals!

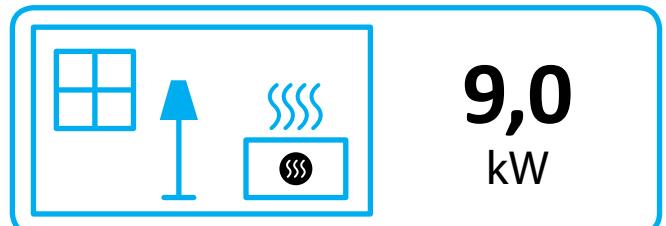
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Camina Schmid Ekko L/R 100(45) h



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