Ekko R 100(45) h

Data sheet

Details

- Fireplace insert, open on two sides
- Glass: 1-section
- 100(45)51 – Height 51 cm
  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°

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)

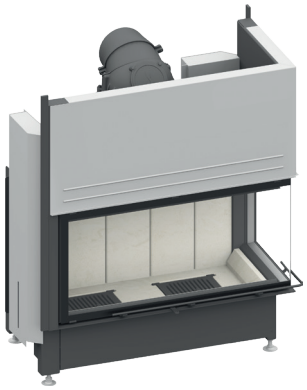
Firing power	23,2 kW
Flue gas mass flow	16,7 g/s
Flue gas temperature upstream of the connecting surface	343 °C
Required delivery pressure at the flue gas connector	15 Pa
Combustion air requirement	88,8 m³/h
Recommended flue length[1]	1,7 m

Data for closed design

Minimum heat-emitting surface[2]	3,5 m²

[1] 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 cm².
[2] Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / m²

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



Ekko R 100(45) with guillotine front

Standard

Kristall front

Guillotine door

Combustion air connector

Optional

Frame

Support frame system

External fuel-door

Combustion air connector

Accessories

Adera

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

1. Federal Emissions Control Ordinance Stage 2

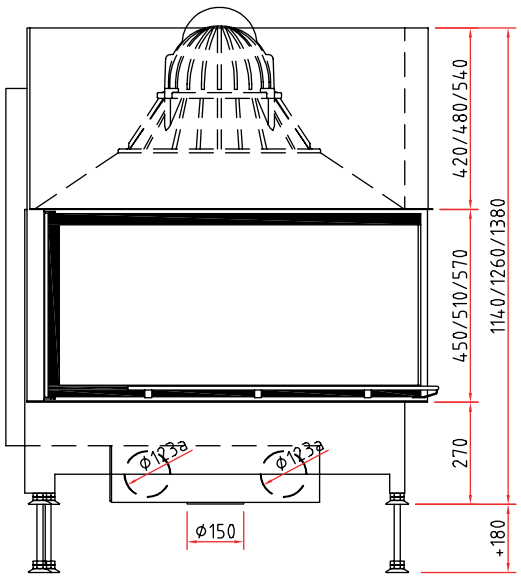
Made in Germany

EFA

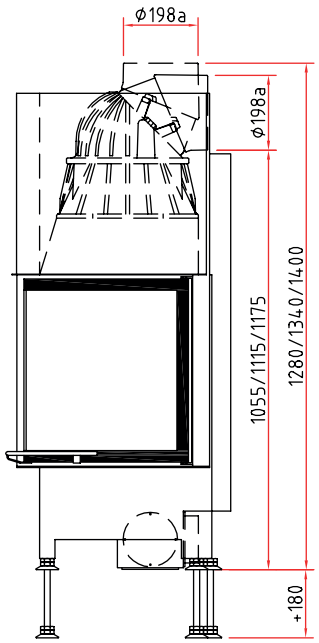
Ekko R 100(45) h

Dimensional drawing

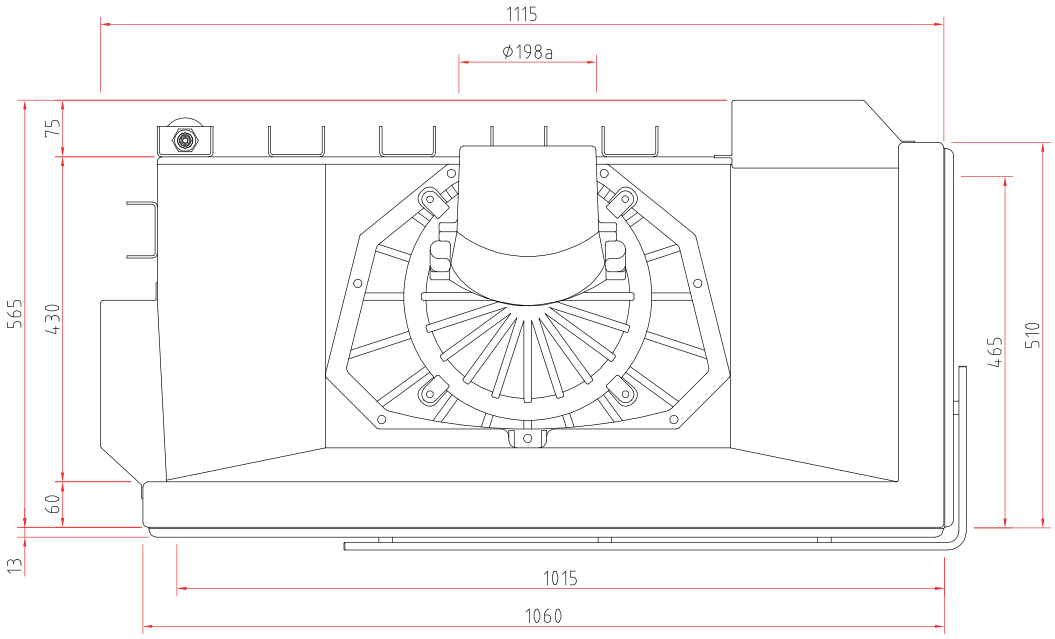
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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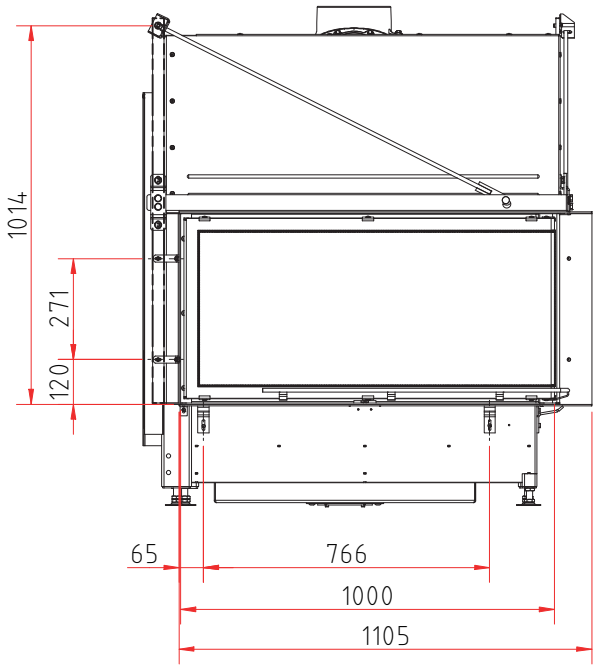
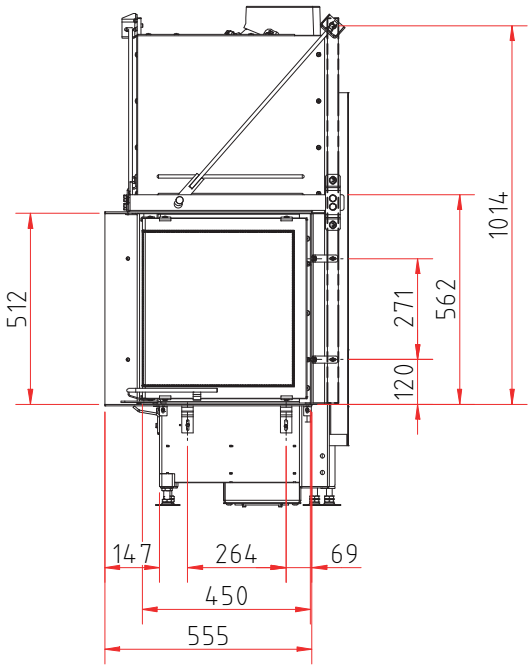
Ekko R 100(45)51 h

Dimensional drawing with frame system

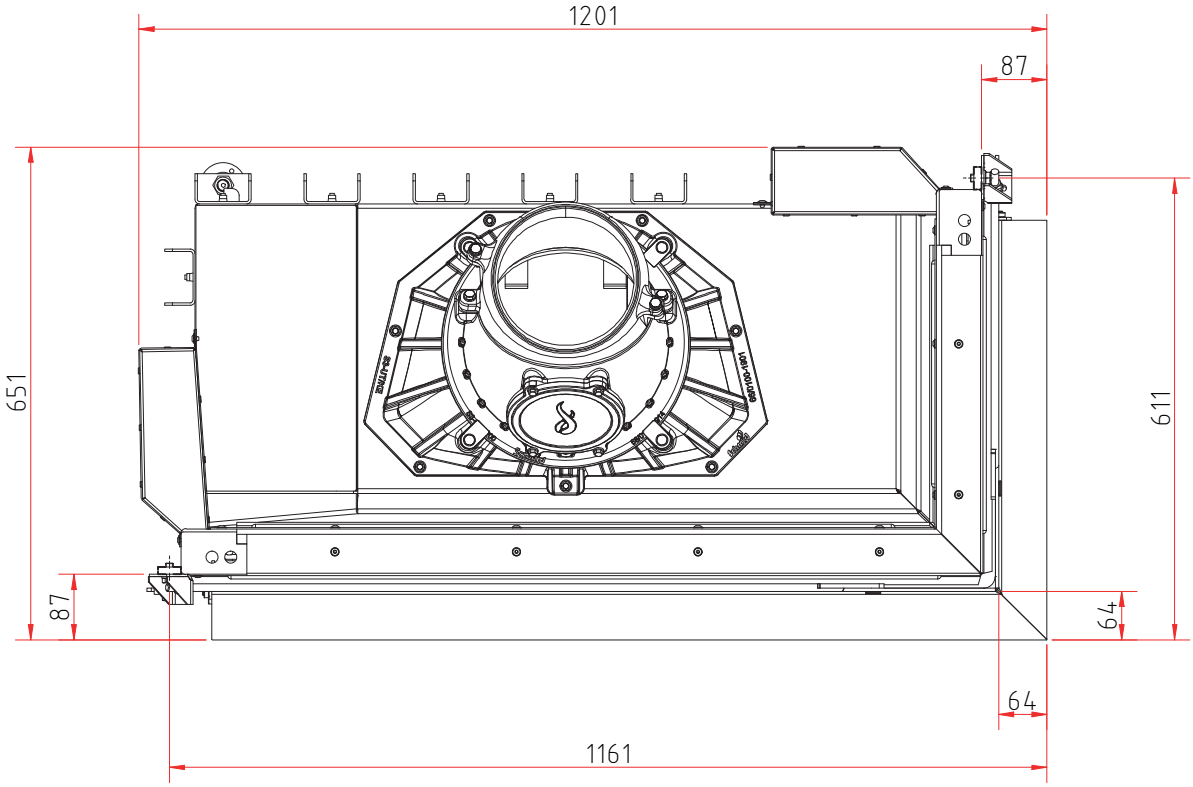
Front view, scale 1:20



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

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

There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 11/2021

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Camina Schmid **Ekko L/R 100(45) h**

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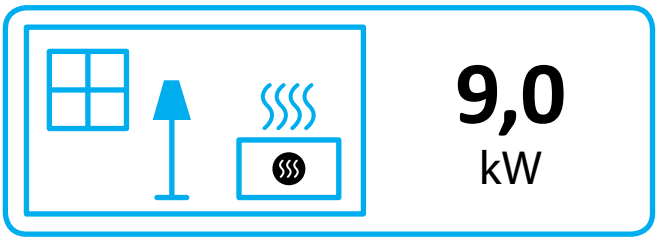

9,0
kW

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