

Ekko 45(45) h

Data sheet

Details

- Fireplace insert, open on two sides
- Glass: 1-section
- 45(45)45 – Height 45 cm
45(45)51 – Height 51 cm
45(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 45(45) with guillotine front

Technical data

• Nominal heat output	7 kW
• Thermal output range	3,2 – 7,1 kW
• Efficiency	>78 %
• Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)	60 mm
• Combustion air connector	Ø 125 mm
• Recommend length of logs	33 cm (standing)
• Weight	210 – 230 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	6,8 g/s
• Flue gas temperature	310 °C
• Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

• Firing power	18,2 kW
• Flue gas mass flow	13,7 g/s
• Flue gas temperature upstream of the connecting surface	350 °C
• Required delivery pressure at the flue gas connector	15 Pa
• Combustion air requirement	60,9 m³/h
• Recommended flue length ¹	1,7 m

Data for closed design

• Minimum heat-emitting surface ²	3,0 m²
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¹The 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.

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

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Standard



Kristall front



Guillotine door



125 mm
Combustion air connector

Optional



Frame



Support frame system



150 mm
Combustion air connector

Accessories



Heat exchanger



Top mounted heat exchanger



Adera



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



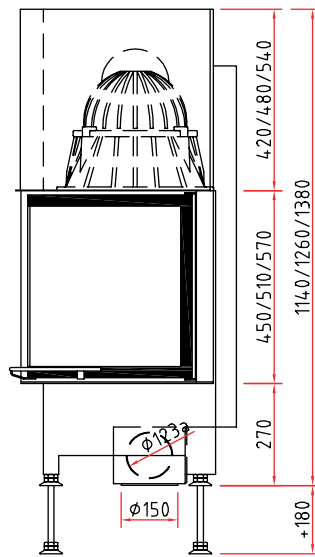
1. Federal Emissions Control Ordinance Stage 2



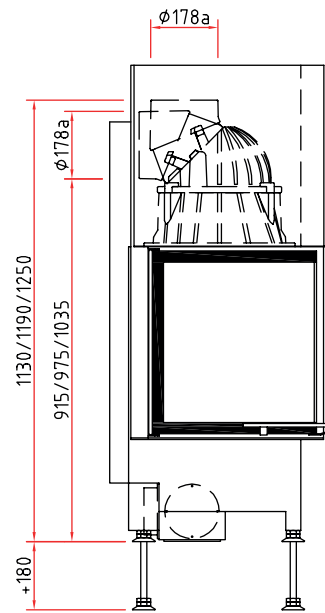
Ekko 45(45) h

Dimensional drawing

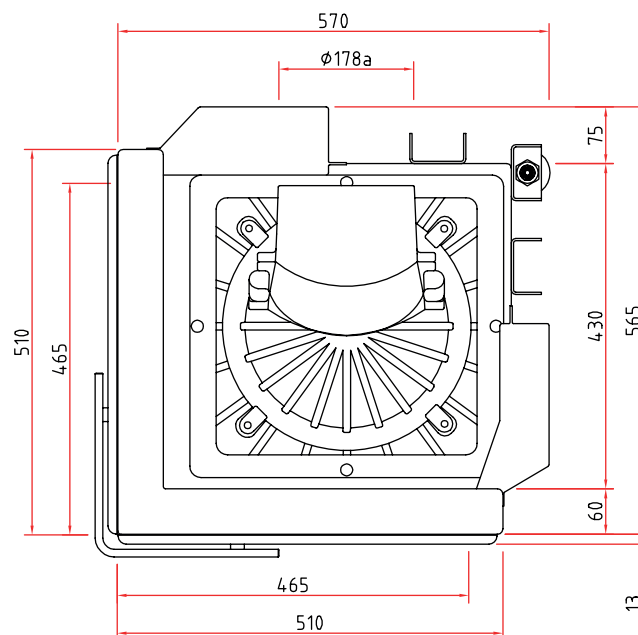
Front view, scale 1:20



Side view, scale 1:20

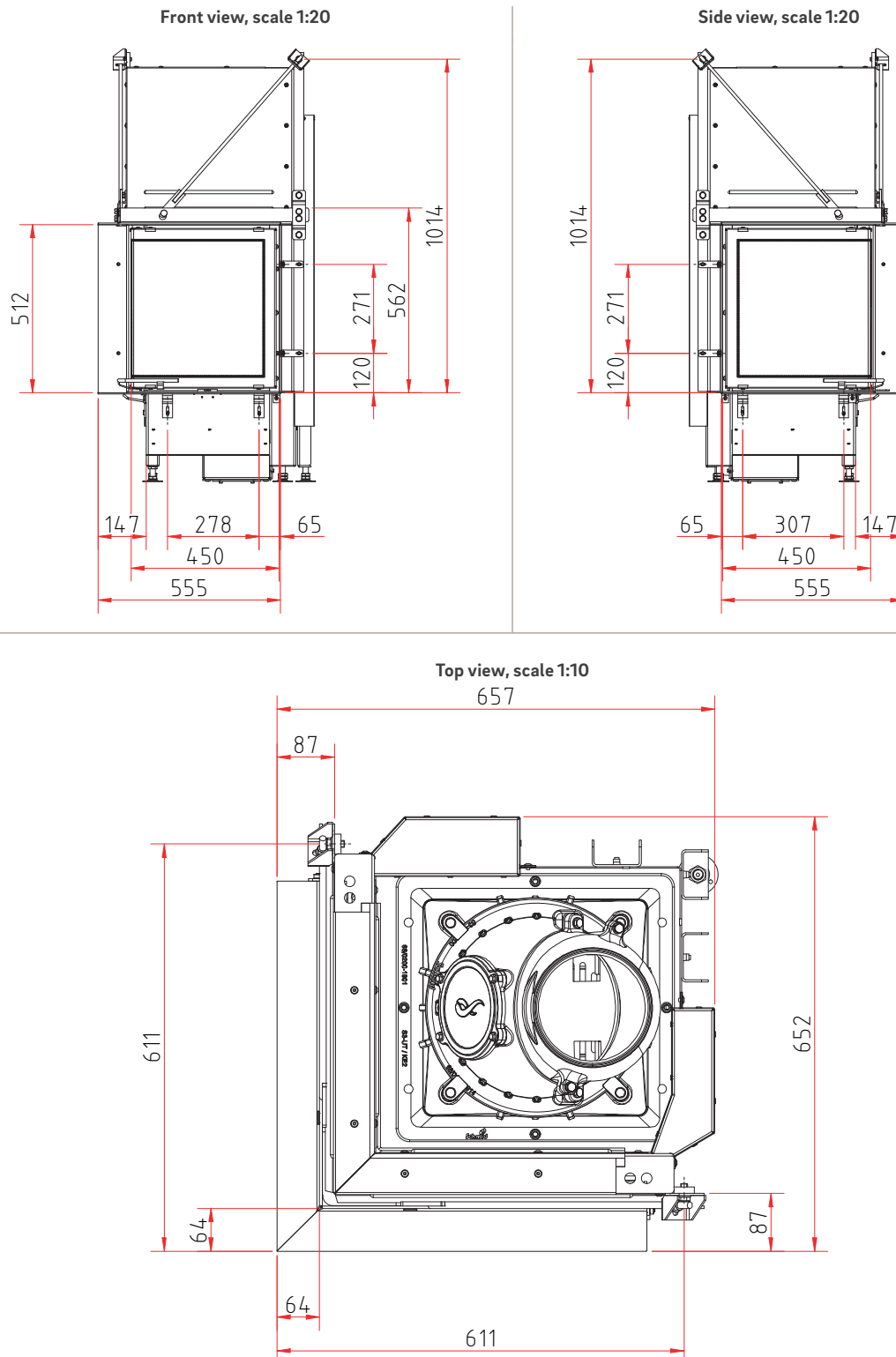


Top view, scale 1:10



Ekko 45(45)51 h

Dimensional drawing with frame system



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Product data sheet

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

	Ekko 45(45) s/h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko 45(45) s/h
Energy efficiency class:	A
Direct heat output (kW)	7,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	104,6
Energy efficiency at nominal heat output (%):	79,0
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

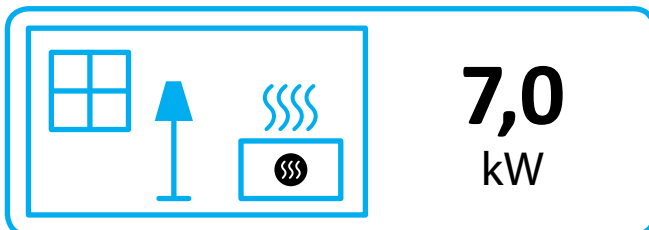
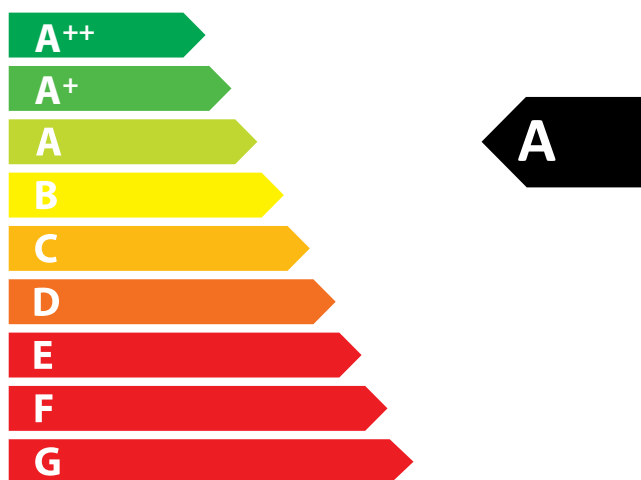
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Camina  Schmid Ekko 45(45) s/h



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2015/1186