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 m^3/h
Recommended flue length[1]	1,7 m

Data for closed design

Minimum heat-emitting surface[2]	3,0 m^2

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

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 01/2024

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

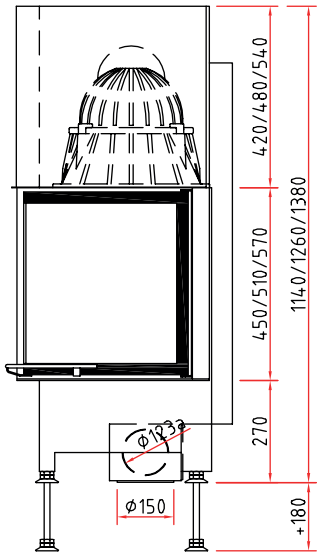
1. Federal Emissions Control Ordinance Stage 2

Made in Germany

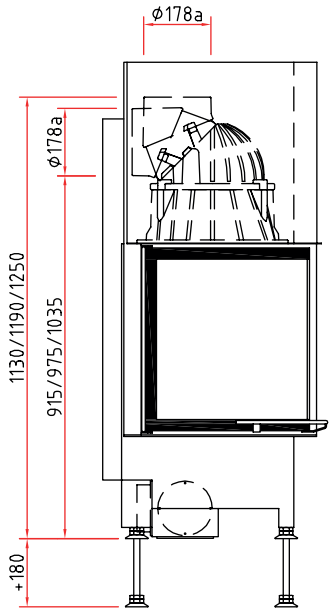
Ekko 45(45) h

Dimensional drawing

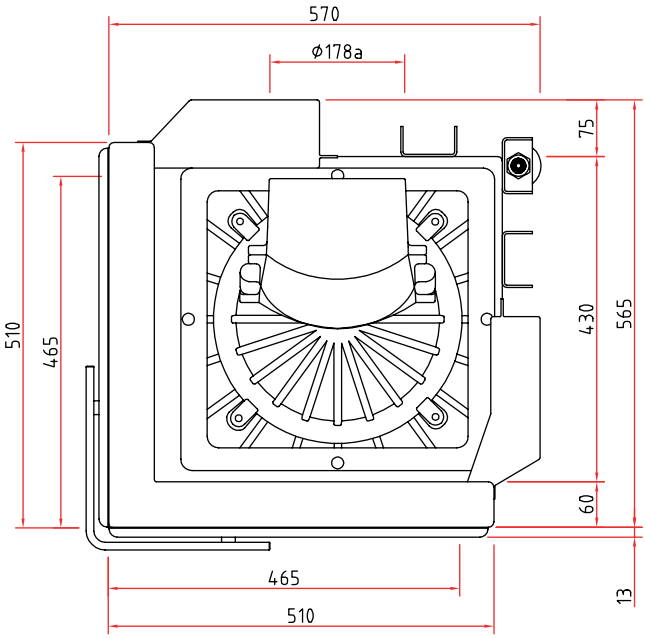
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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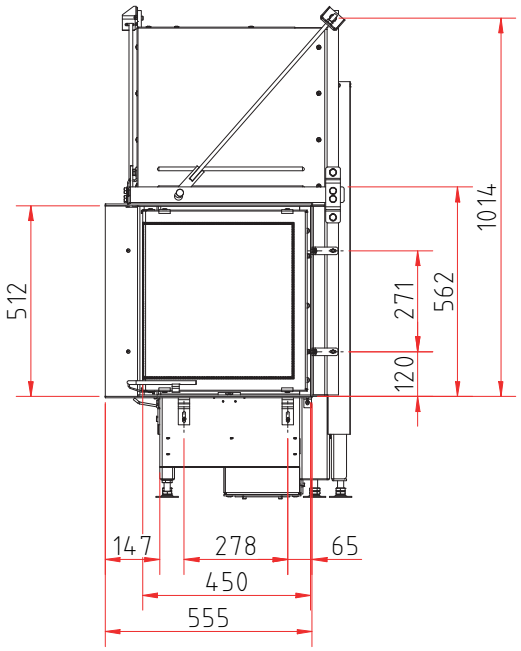
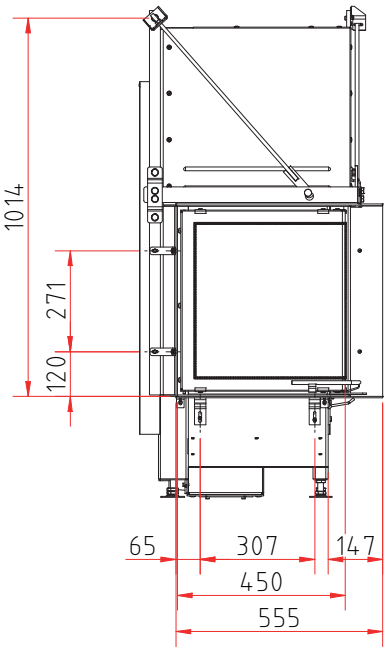
Ekko 45(45)51 h

Dimensional drawing with frame system

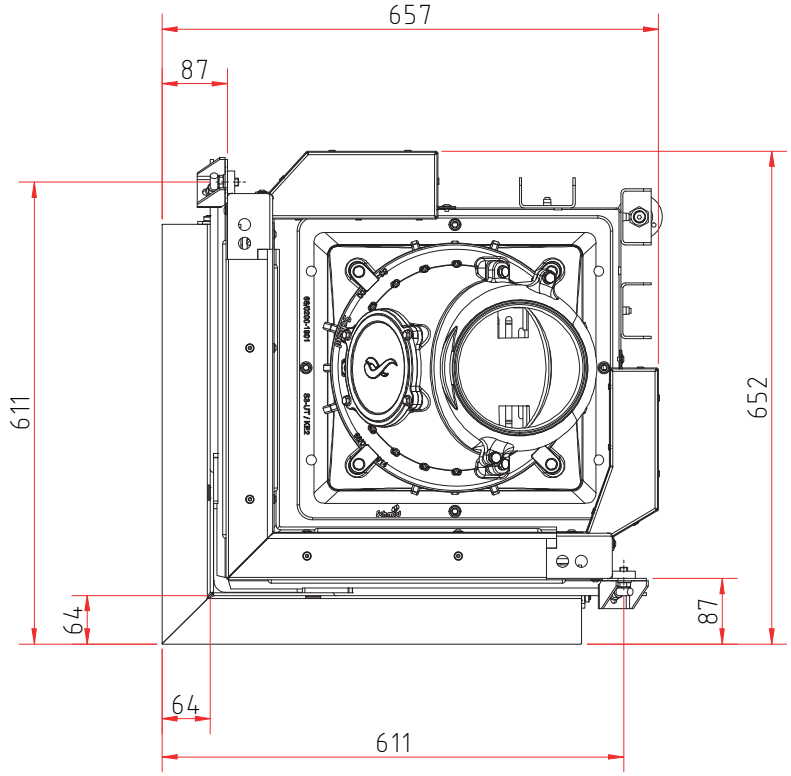
Front view, scale 1:20



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 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!

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 45(45) s/h**

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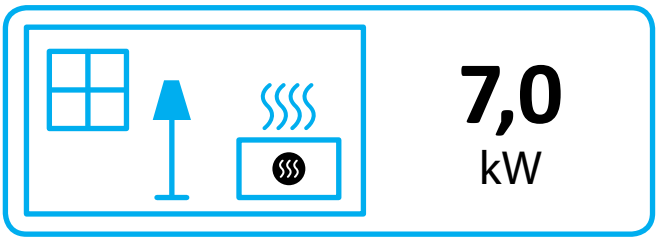

7,0
kW

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