

Ekko 45(45) s

Data sheet

Details

- Fireplace insert, open on two sides
- Glass: 1-section
- 45(45)51 – Height 51 cm
45(45)57 – Height 57 cm
- Self-closing door
- Adjustable lower air washing
- Standard fire box inner lining: white smooth chamotte

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 | 200 – 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 | 22,2 kW |
| • Flue gas mass flow | 15,9 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 | 88,8 m³/h |
| • Recommended flue length¹ | 1,7 m |

Data for closed design

- | | |
|----------------------------------|--------|
| • Minimum heat-emitting surface² | 3,0 m² |
|----------------------------------|--------|

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.

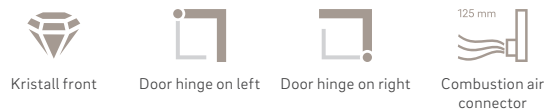
²Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W/m²

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



Ekko 45(45) with hinged front

Standard



Optional



Accessories



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



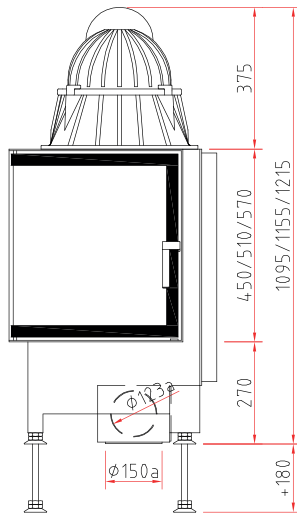
1. Federal Emissions Control Ordinance Stage 2



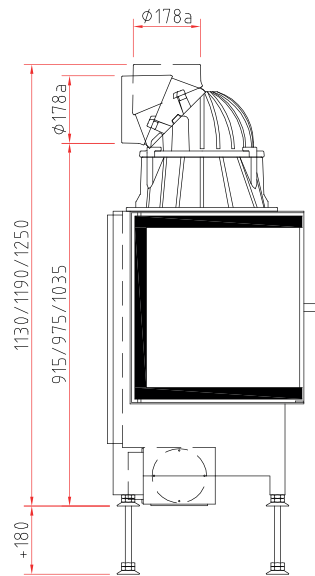
Ekko 45(45) s

Dimensional drawing

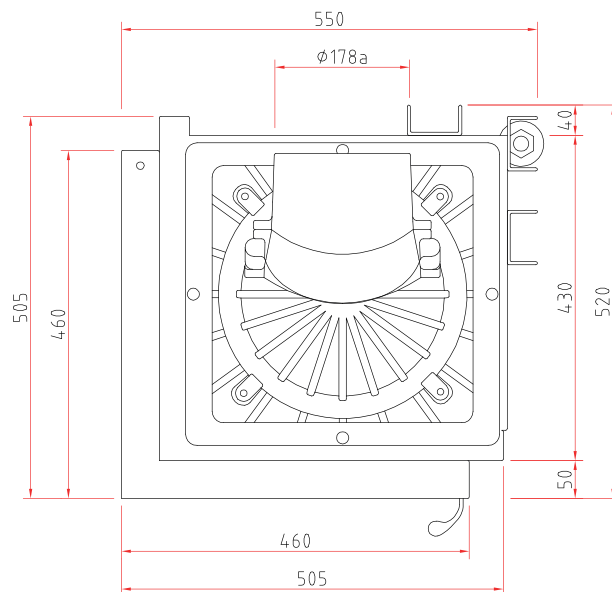
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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!

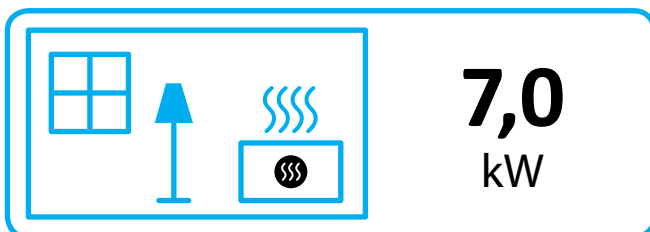
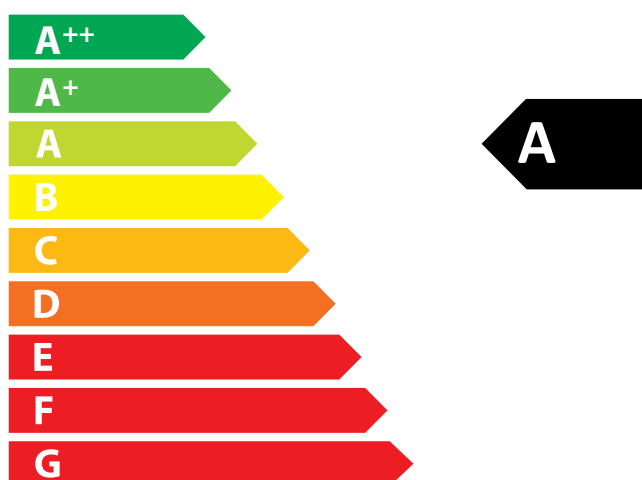
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Camina  Schmid Ekko 45(45) s/h



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2015/1186