Ekko U 45(34) h

Data sheet

Details

- Fireplace insert, open on three sides
- Ultra-low body depth
- 45(34)51 – Height 51 cm
  45(34)57 – Height 57 cm
- Optional: Self-closing door
- Standard fire box inner lining: white smooth chamotte
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°

Ekko U 45(34)51 with guillotine front

Technical data

Nominal heat output	4 kW
Thermal output range	–
Efficiency	>80 %
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	25 cm (33 cm standing)
Weight	160 – 170 kg
Heat distribution through the viewing window	70 %
Heat distribution, convective output	30 %

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

Triple values with nominal heat output

Flue gas mass flow	4,7 g/s
Flue gas temperature	255 °C
Required delivery pressure	11 Pa

Triple values for calculating ceramic flues (wood fuel)

Firing power	17,9 kW
Flue gas mass flow	12,4 g/s
Flue gas temperature upstream of the connecting surface	338 °C
Required delivery pressure at the flue gas connector	15 Pa
Combustion air requirement	71,0 m^3/h
Recommended flue length[1]	1,7 m

Data for closed design

Minimum heat-emitting surface[2]	1,8 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: 08/2025

Standard

Anthracite front

Kristall front (51 cm high only)

Guillotine door

Combustion air connector

Optional

Frame

Support frame system

Combustion air connector

Accessories

Adera

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

1. Federal Emissions Control Ordinance Stage 2

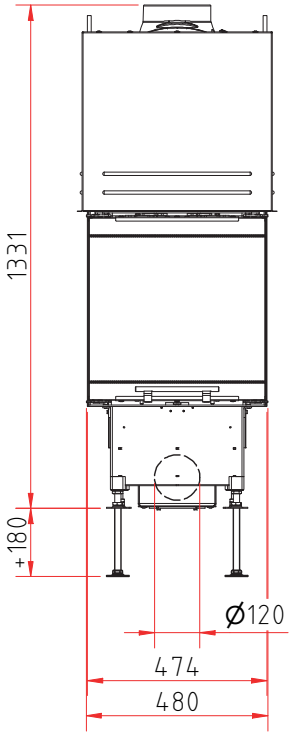
Made in Germany

EFA

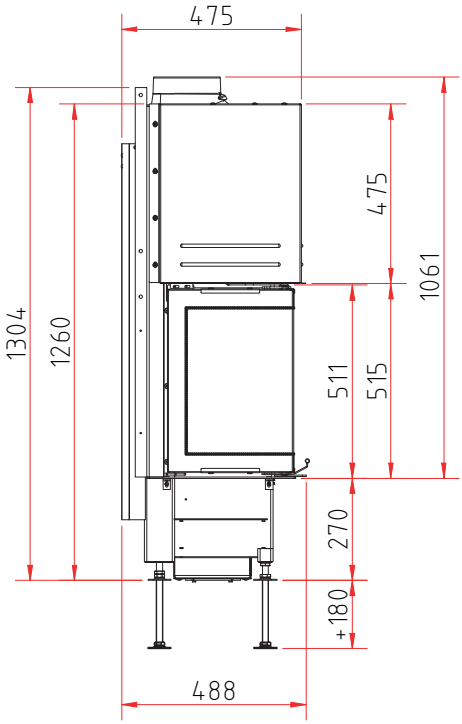
Ekko U 45(34)51 h

Dimensional drawing

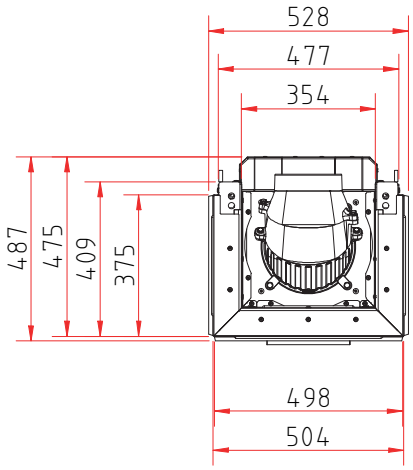
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:20



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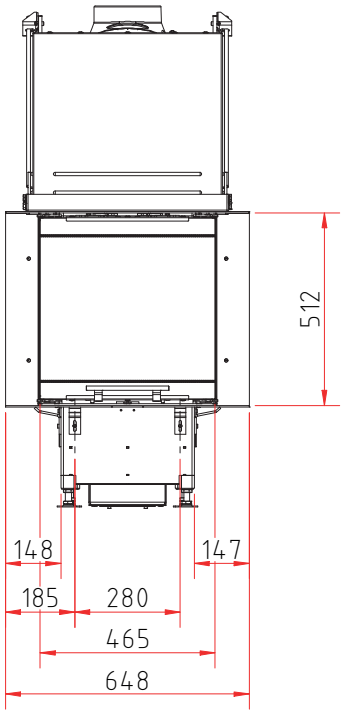
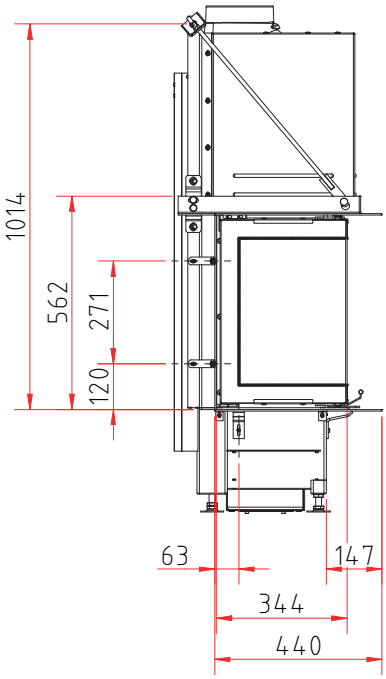
Ekko U 45(34)51 h

Dimensional drawing with frame system

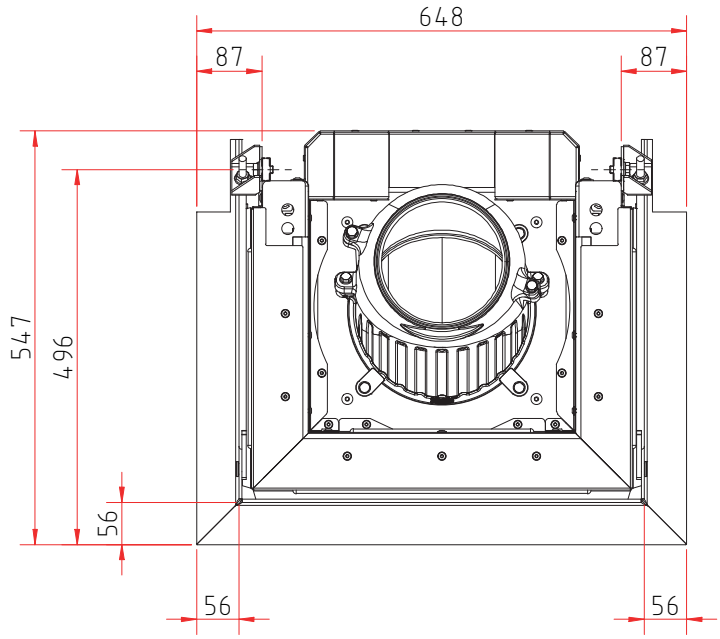
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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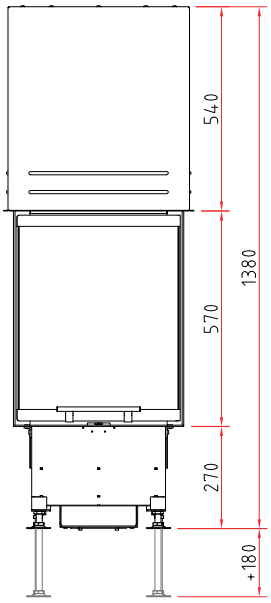
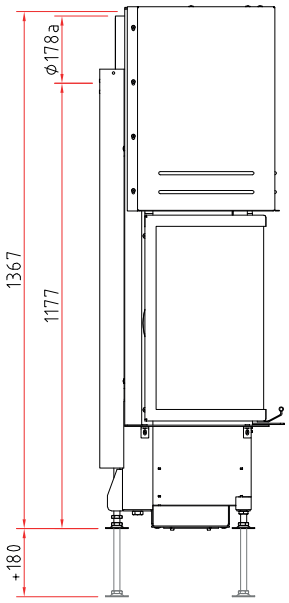
Ekko U 45(34)57 h

Dimensional drawing

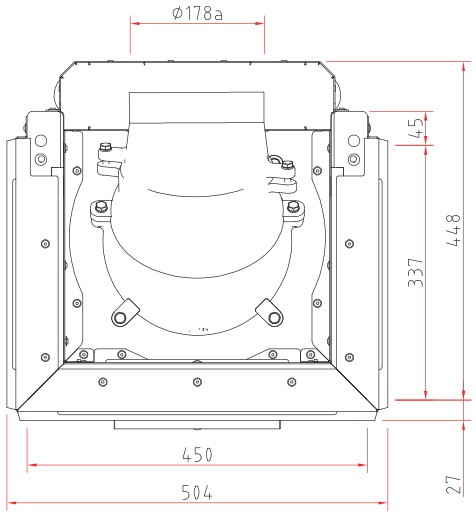
Front view, scale 1:20



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 U 45(34) h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 45(34) h
Energy efficiency class:	A+
Direct heat output (kW)	4,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	107,5
Energy efficiency at nominal heat output (%):	81,0
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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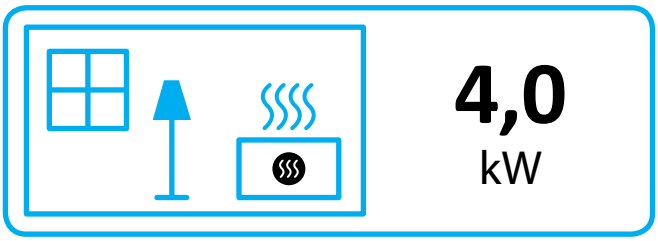
Camina Schmid **Ekko U 45(34) h**

A+



4,0
kW

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2015/1186