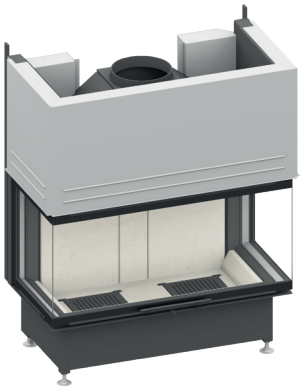
Ekko U 100(45) h

Data sheet

Details

- Fireplace insert, open on three sides
- 100(45)51 – Height 45 cm
  100(45)57 – Height 57 cm
- Optional: Self-closing door
- Adjustable lower air washing
- Standard fire box inner lining: white smooth chamotte
- High-quality steel dome



Ekko U 100(45) with guillotine front

Technical data

Nominal heat output	15 kW	20 kW
Thermal output range	8,0 – 16,7 kW	8,0 – 20,6 kW
Efficiency	>80 %	>80 %
Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)	60 mm	60 mm
Combustion air connector	2 x Ø 125 mm	2 x Ø 125 mm
Recommend length of logs	33 cm	33 cm
Weight	370 kg	370 kg
Heat distribution through the viewing window	60 %	60 %
Heat distribution, convective output	40 %	40 %

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

Triple values with nominal heat output

Flue gas mass flow	17,2 g/s	18,3 g/s
Flue gas temperature	221 °C	232 °C
Required delivery pressure	12 – 15 Pa	12 – 15 Pa

Triple values for calculating ceramic flues (wood fuel)

Recommended flue length[1]	–	–

Data for closed design

Minimum heat-emitting surface[2]	5,6 m²	5,6 m²

Standard

Kristall front

Guillotine door

Combustion air connector

Optional

Frame

Support frame system

Combustion air connector

Energy efficiency class in accordance with (EU) 2015/1186 (15 kW)

Energy efficiency class in accordance with (EU) 2015/1186 (20 kW)

1. Federal Emissions Control Ordinance Stage 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 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

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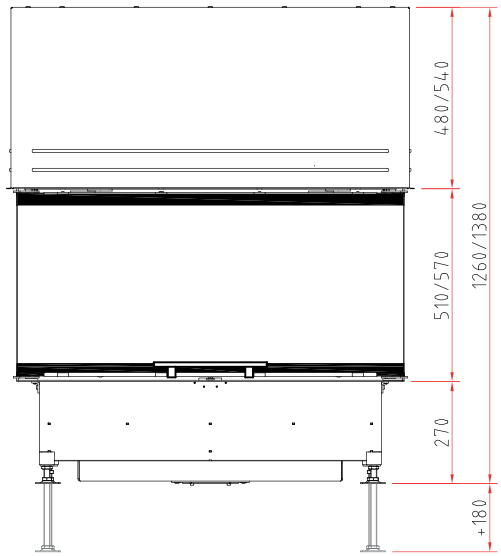
Made in Germany

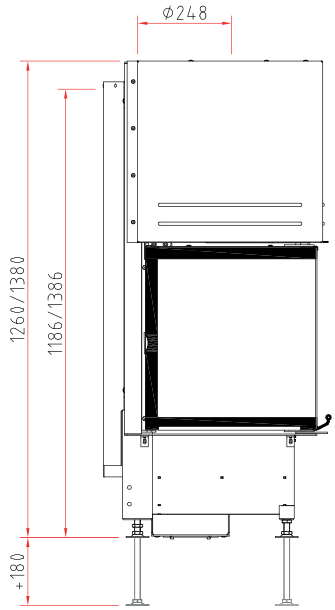
Ekko U 100(45) h

Dimensional drawing

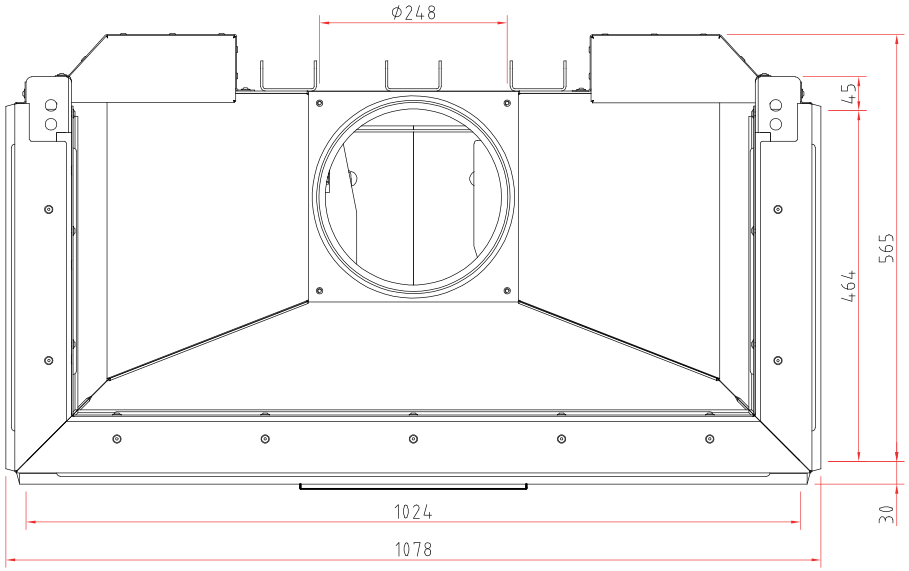
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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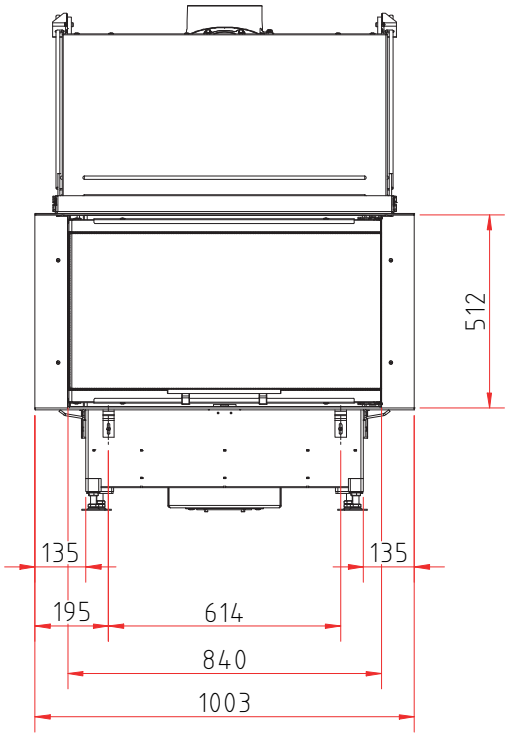
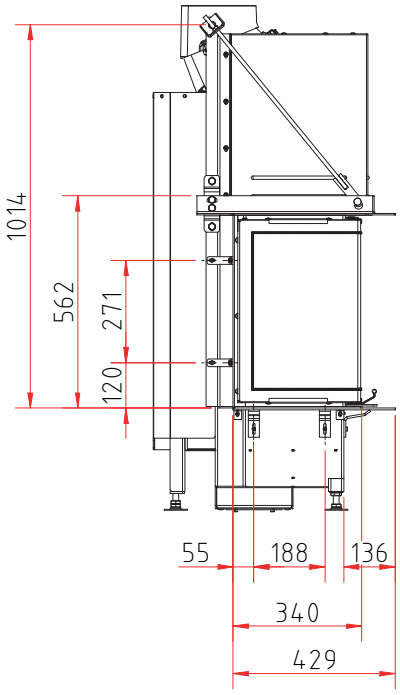
Ekko U 100(45)51 h

Dimensional drawing with frame system

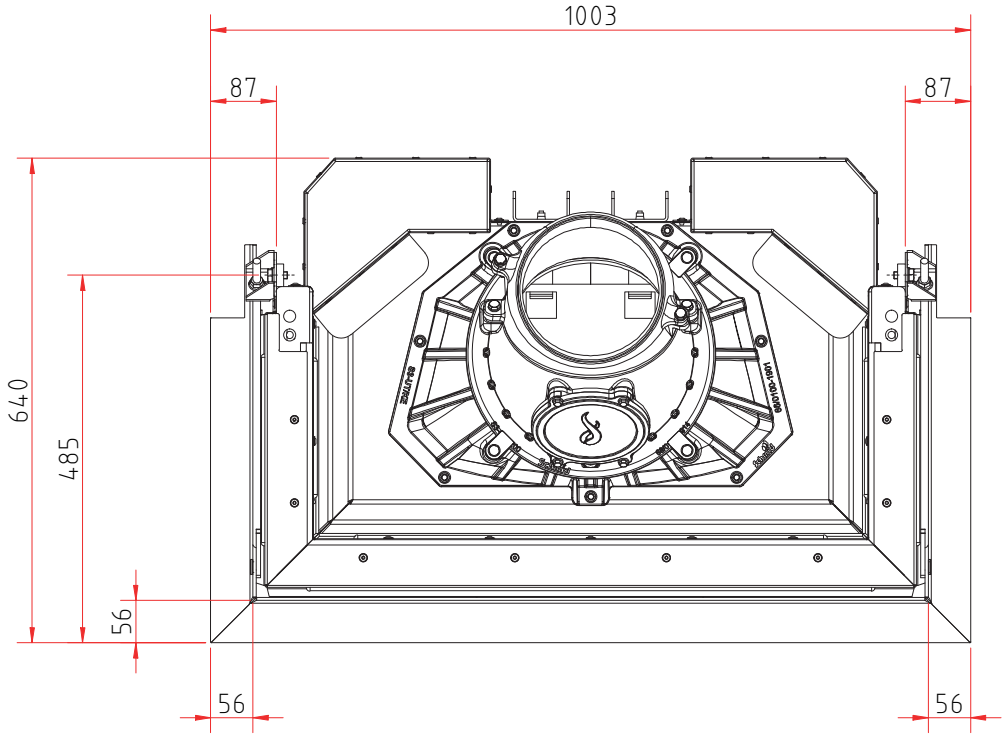
Front view, scale 1:20



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 U 100(45) h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 100(45) h
Energy efficiency class:	A
Direct heat output (kW)	15,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	106,0
Energy efficiency at nominal heat output (%):	80,0
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

Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Gewerbepark 18 · 49143 Bissendorf · Phone +49 5402 7010-10 · Fax +49 5402 7010-70
www.camina-schmid.de · info@camina-schmid.de

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Camina Schmid **Ekko U 100(45) h**

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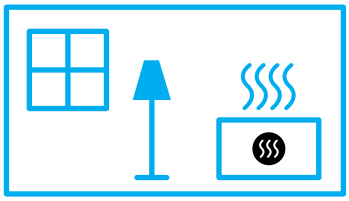

15,0
kW

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2015/1186

Product data sheet

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

	Ekko U 100(45) h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 100(45) h
Energy efficiency class:	A+
Direct heat output (kW)	20,0
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!

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Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Gewerbepark 18 · 49143 Bissendorf · Phone +49 5402 7010-10 · Fax +49 5402 7010-70
www.camina-schmid.de · info@camina-schmid.de

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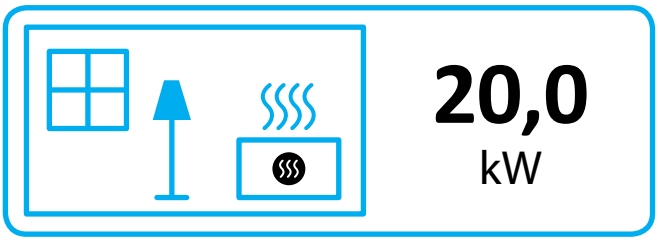
Camina Schmid **Ekko U 100(45) h**

A+



20,0
kW

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