Camina Schmid

Ekko U 67(34) h evo

Data sheet

Details

- Fireplace insert, open on three sides
- 67(34)51 – Height 51 cm
  67(34)57 – Height 57 cm
- Guillotine door, not supplied selfclosing from the factory
- Fixed front, side parts hinged
- Glass: 3-section
- Air module with Primary air shutdown
- Adjustable feet adjustable in height (manually/allen key)
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°

Ekko U 67(34)51 h evo with guillotine front

Technical data

Nominal heat output		6,8 kW
Thermal output range		3,0 – 7,0 kW
Efficiency		≥80 %
Insulation thickness (with a wall that does not need to be protected, based on TROL, Reference insulation material)		80 mm
Insulation thickness (Combustible components based on TROL 2022)		WDS 2 - WDS 4 H
Combustion air connector		Ø 125 mm
Type of combustion air supply		$VL_{Room,}$ $VL_{External}$
Recommended length of logs		33 cm
Weight		252 kg
Heat distribution through the viewing window		50 %
Heat distribution: convective output		50 %
Recommended free cross-section[1]	Supply air	720 cm²
	Recirculation air	600 cm²

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

Triple values with nominal heat output

Flue gas mass flow	8,7 g/s
Flue gas temperature	240 °C
Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

Firing power	20,9 kW
Flue gas mass flow	16,78 g/s
Flue gas temperature upstream of the connecting surface	345 °C
Required delivery pressure at the flue gas connector	15 Pa
Combustion air requirement[2]	83,6 m³/h
Recommended flue length[3]	1,7 m
Fuel conversion	5,5 m³/h

Data for closed design

Minimum heat-emitting surface[4]	3,0 m²

[1] The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and recirculation air cross sections. Free cross section in cm² for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 cm²/kW, recirculation air grille 200 cm²/kW. The calculated values may be exceeded or fallen short of by up to 20%.

[2] When connected directly to the outside air, combustion is not dependent on the direct ambient air.

[3] 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.

[4] Average 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: 12/2024

Standard

- Kristall front
- Combustion air connector 125 mm

Optional

- Inner lining: chamotte white, anthracite and cast iron anthracite
- Selfclosing door
- Frame system
- Combustion air connector 150 mm
- Catalyst plates
- Auxiliary air mechanism

Accesories

- Heat exchanger
- Top mounted heat exchanger
- Hot water topmounted element
- Storage system SET 1
- Storage system SET 2

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

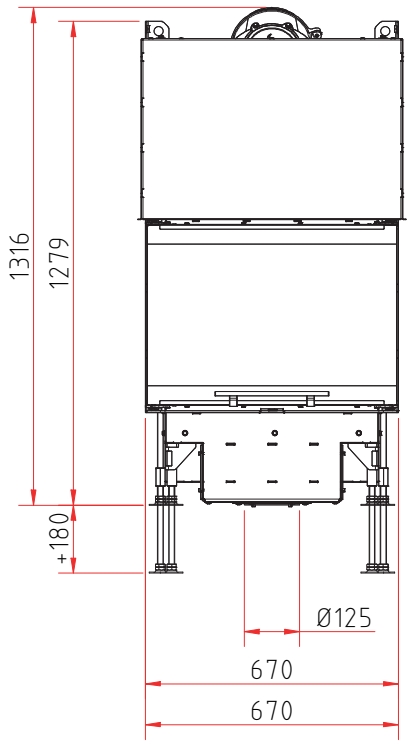
1. Federal Emissions Control Ordinance Stage 2

Made in Germany

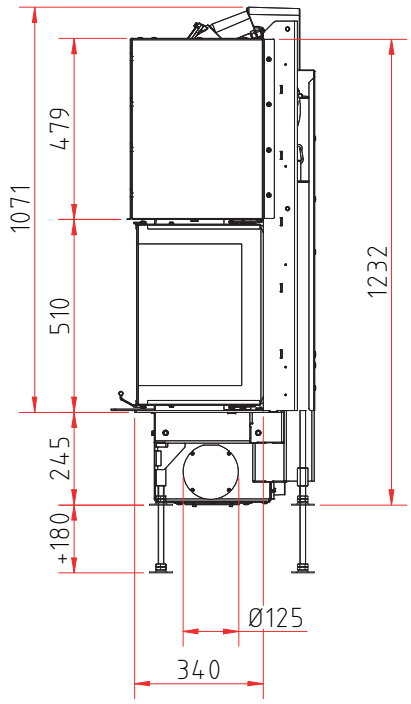
Ekko U 67(34)51 h evo

Dimensional drawing

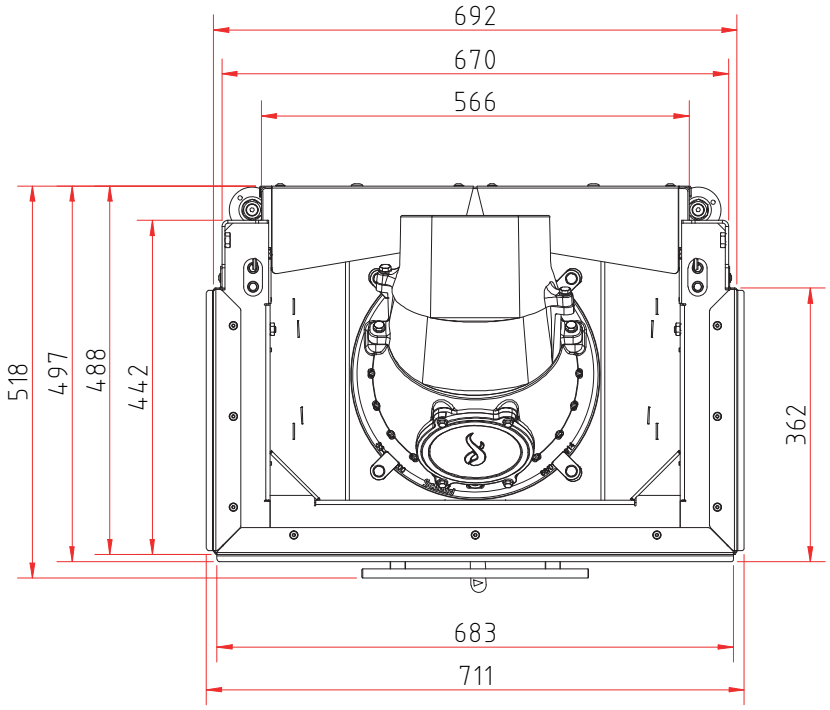
Front view, scale 1:20



Side view, scale 1:20



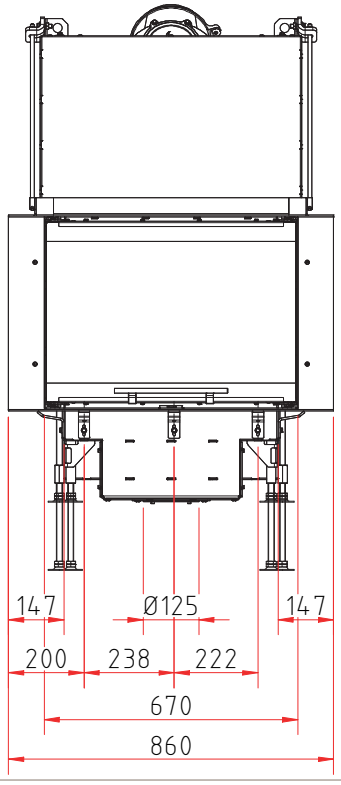
Top view, scale 1:20



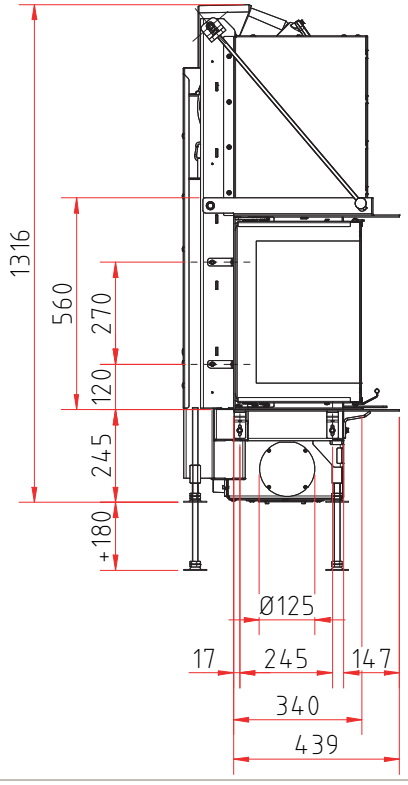
Ekko U 67(34)51 h evo

Dimensional drawing with frame system

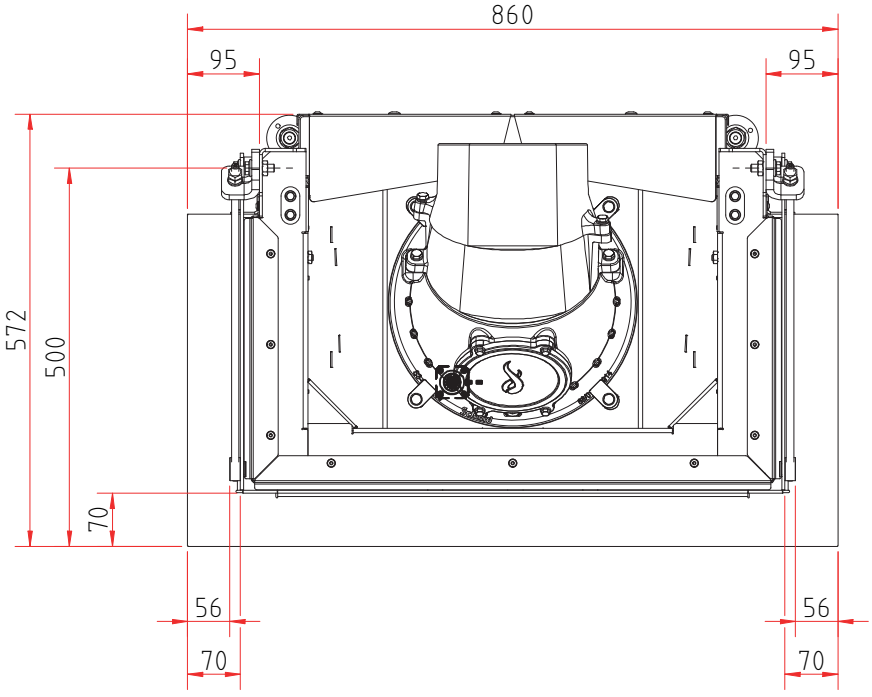
Front view, scale 1:20



Side view, scale 1:20



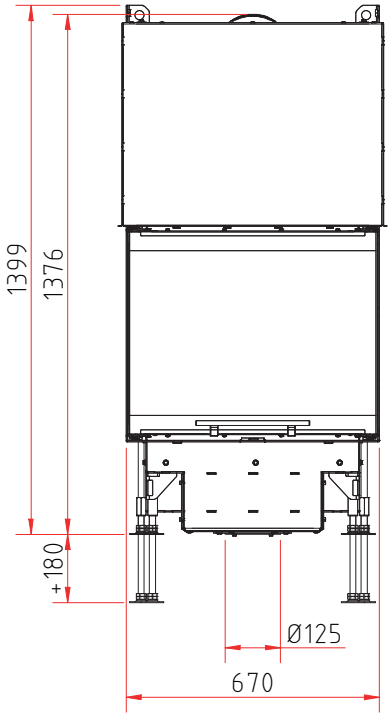
Top view, scale 1:10



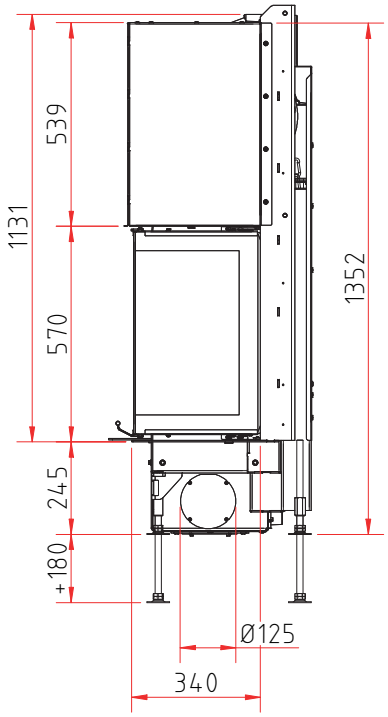
Ekko U 67(34)57 h evo

Dimensional drawing

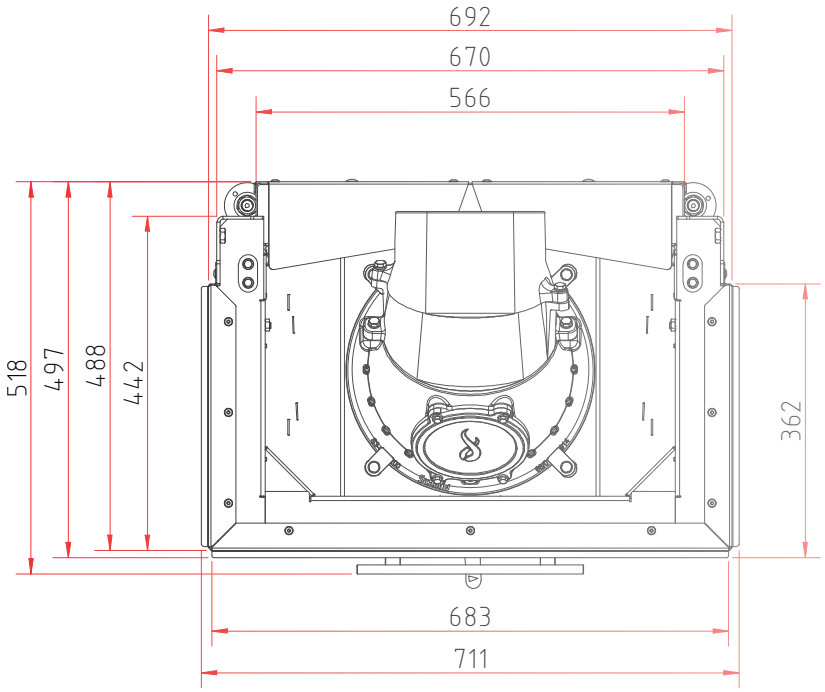
Front view, scale 1:20



Side view, scale 1:20



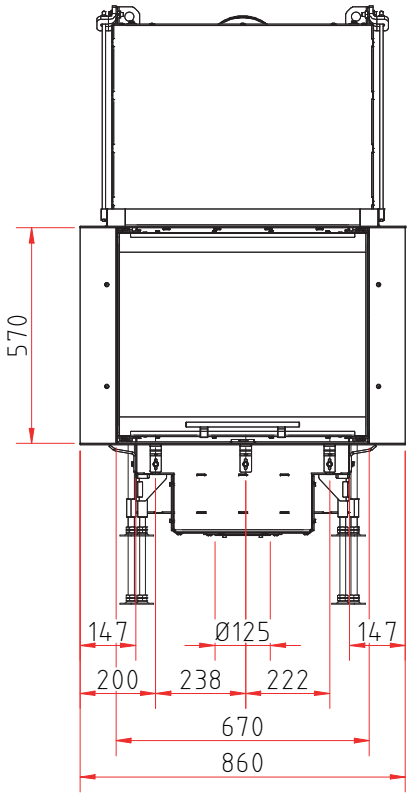
Top view, scale 1:20



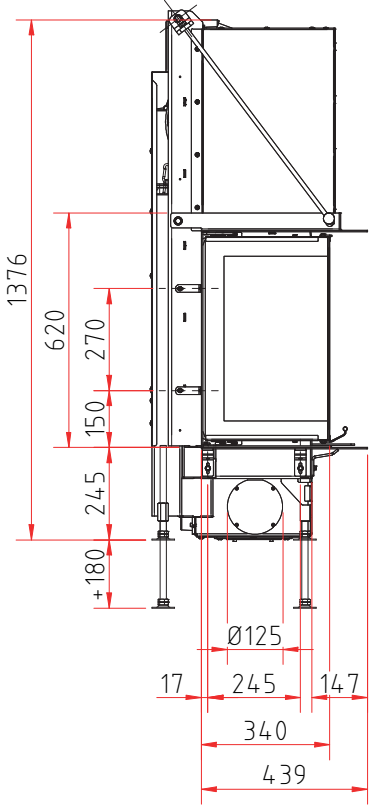
Ekko U 67(34)57 h evo

Dimensional drawing with frame system

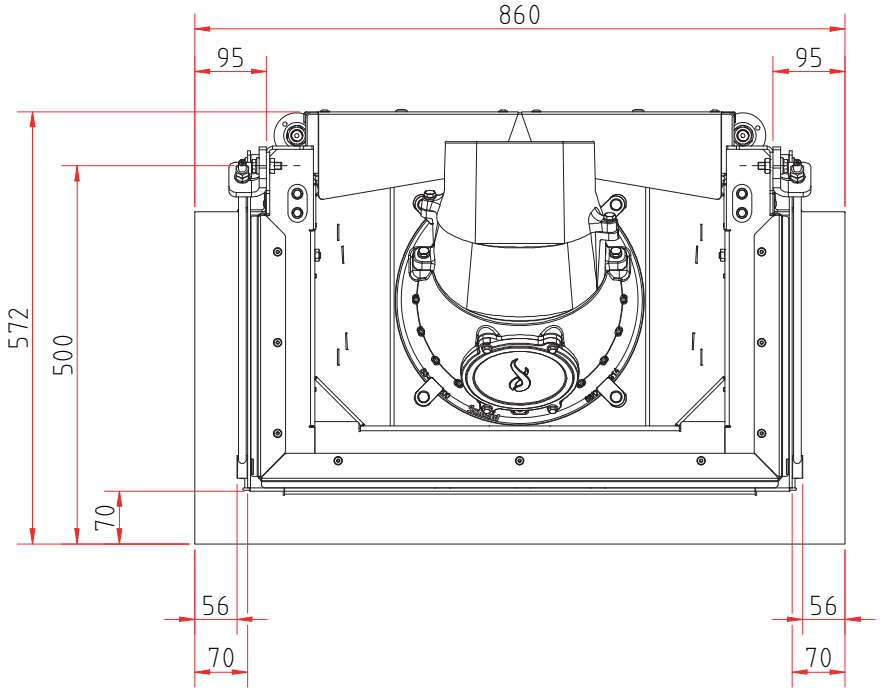
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



Product data sheet

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

	Ekko U 67(34) evo
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 67(34) evo
Energy efficiency class:	A
Direct heat output (kW)	6,8
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!

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	Ekko U 67(34) evo
Room heat output (kW)	6,8
Partial load-thermal output (kW)	–
Partial load-room heat output (kW)	–
Efficiency partial load - thermal output (%)	–
Room heating annual efficiency at nominal heat output	70
CO - Emissions (13% O2) at nominal heat output (mg/m^3)	< 1250
NOX - Emissions (13% O2) at nominal heat output(mg/m^3)	< 200
OGC - Emissions (13% O2) at nominal heat output (mg/m^3)	< 120
Particles - Emissions (13% O2) at nominal heat output (mg/m^3)	< 40
Required delivery pressure at nominal heat output (Pa)	12
Required delivery pressure at partial load-thermal output (Pa)	–
Chimney designation according chimney standard	T 400
Suitable for continuous burning operation (CON) or part-time operation (INT)	INT
Minimum distance to combustible components based on TROL 2022	WDS 2 - WDS 4H
Maximum carrying capacity by chimney (kg)	100

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Camina Schmid **Ekko U 67(34) evo**

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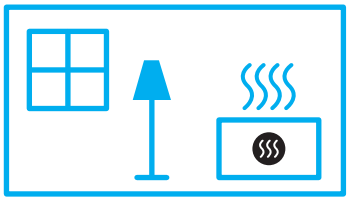

6,8
kW

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2015/1186