

Ekko U 60(90) h

Data sheet

Details

- Fireplace insert, open on three sides
- 60(90)51 – Height 51 cm
- Optional: Self-closing door
- Standard fire box inner lining: "Premium White" smooth chamotte
- The lower panel for the secondary air is adjustable for an excellent glass wash
- High-quality steel dome

Technical data

Nominal heat output	14,0 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 150 mm
Recommend length of logs	33 cm
Weight	370 kg
Heat distribution through the viewing window	40 %
Heat distribution, convective output	60 %

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

Triple values with nominal heat output

Flue gas mass flow	11,9 g/s
Flue gas temperature	310 °C
Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

Firing power	–
Flue gas mass flow	–
Flue gas temperature upstream of the connecting surface	–
Required delivery pressure at the flue gas connector	–
Combustion air requirement	–
Recommended flue length ¹	–

Data for closed design

Minimum heat-emitting surface ²	4,1 m ²
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¹The information regarding flue lengths is a recommendation and based on the calculation in accordance with TrÖl 2020 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: 01/2022



Ekko U 60(90) with guillotine front

Standard



Kristall front



Guillotine door



Combustion air connector

Optional



Frame



Supporting frame system



Combustion air connector



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



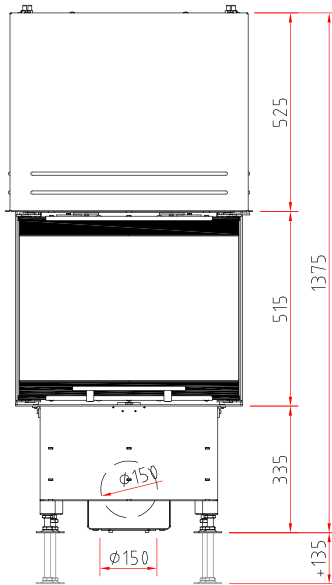
1. Federal Emissions Control Ordinance Stage 2



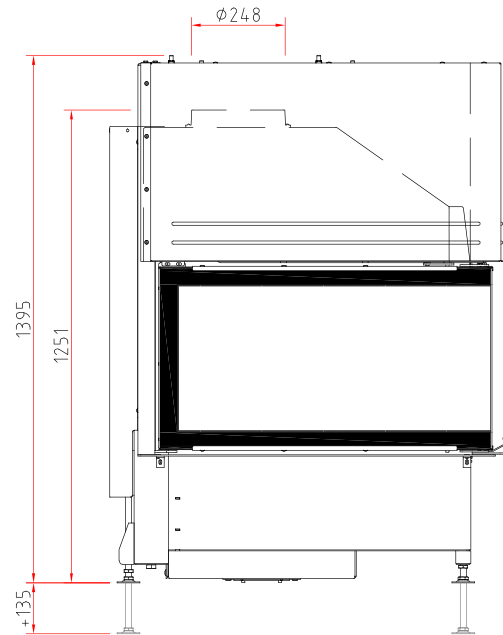
Ekko U 60(90) h

Dimensional drawing

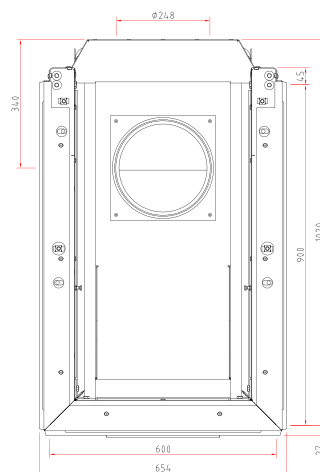
Front view, scale 1:20



Side view, scale 1:20



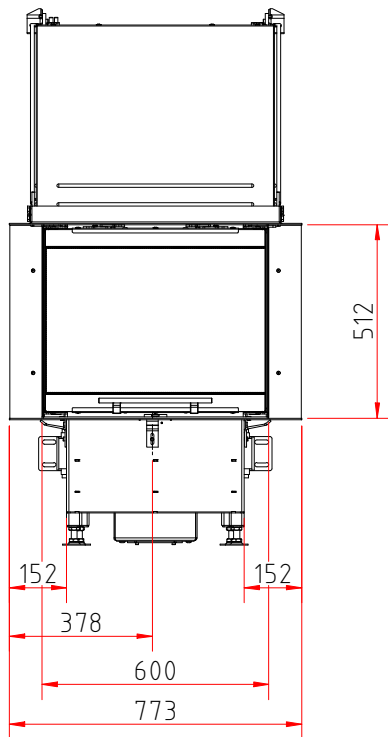
Top view, scale 1:10



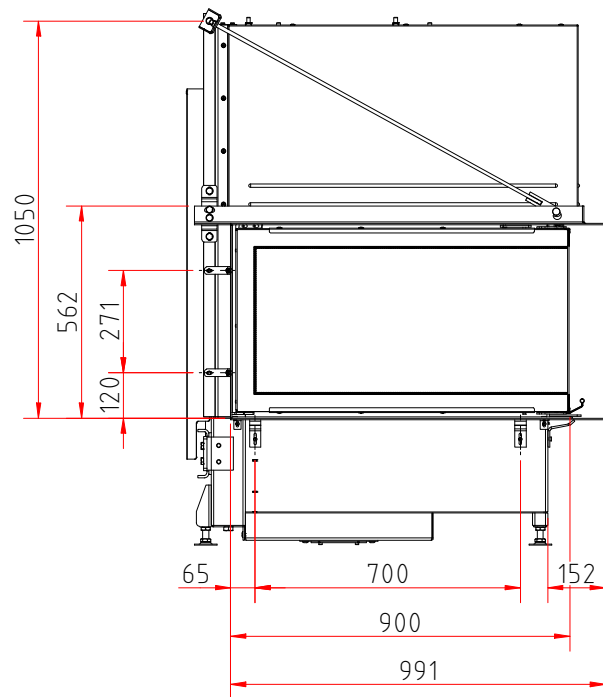
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Dimensional drawing with frame system

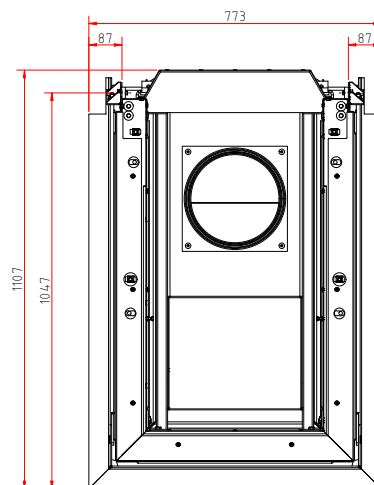
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:20



Product data sheet

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

	Ekko U 60(90) h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 60(90) h
Energy efficiency class:	A
Direct heat output (kW)	14,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	106,1
Energy efficiency at nominal heat output (%):	80,1
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

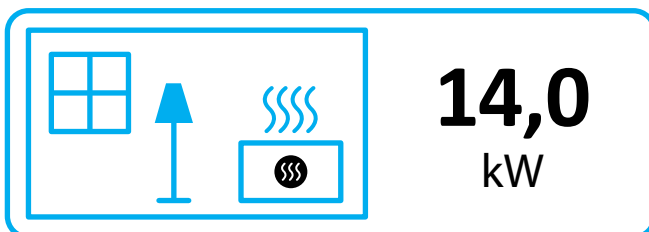
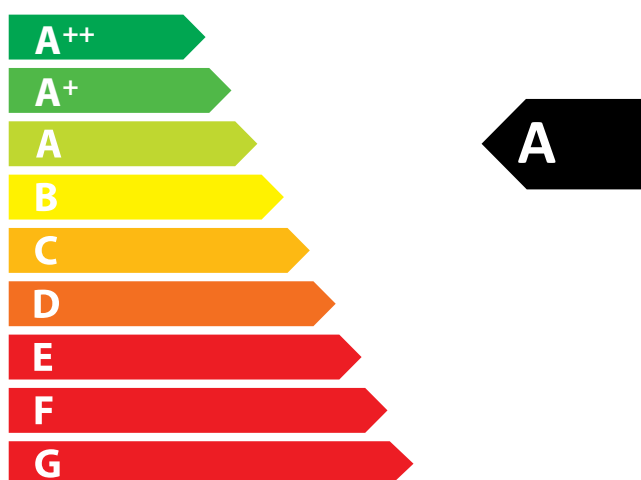
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Camina  Schmid Ekko U 60(90) h



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2015/1186

Technical documentation for individual room heating appliances for use with solid fuels

Regulation (EU) 2015/1185 supplementary to Directive 2010/30/EU

Name and address of the manufacturer: Camina & Schmid Feuerdesign und Technik GmbH & Co. KG

Model identifier: Ekko U 60(90)

Equivalent models: –

Test reports: R – 1459631-1

Harmonised standards: EN 13229:2001/A2:2004/AC:2007

Other applied standards or technical specifications: –

Indirect heating function (yes/no): no

Direct thermal output: 14.0 kW

Indirect thermal output: –

Properties when operating with the preferred fuel

Room heating annual efficiency $\eta_{s, 5\%}$: 65

Energy efficiency index (EEI): 106.1

Fuel	Preferred fuel (only one)	Other suitable fuel(s)	η_s [%]	Emissions at nominal heat output (*)				Emissions at minimum thermal output (*) (**)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				[x] mg/Nm ³ (13 % O ₂)				[x] mg/Nm ³ (13 % O ₂)			
Wood logs, moisture content ≤ 25%	yes	no	75	40	120	1500	200	–	–	–	–
Wood logs, moisture content < 12%	no	no	–	–	–	–	–	–	–	–	–
Other wood-like biomass	no	no	–	–	–	–	–	–	–	–	–
Non-wood-like biomass	no	no	–	–	–	–	–	–	–	–	–
Anthracite and dry charcoal	no	no	–	–	–	–	–	–	–	–	–
Hard coal coke	no	no	–	–	–	–	–	–	–	–	–
Low-temperature coke	no	no	–	–	–	–	–	–	–	–	–
Bituminous coal	no	no	–	–	–	–	–	–	–	–	–
Lignite briquettes	no	no	–	–	–	–	–	–	–	–	–
Peat briquettes	no	no	–	–	–	–	–	–	–	–	–
Briquettes made from a mixture of fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Other fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Briquettes made from a mixture of biomass and fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Other mixture of biomass and solid fuels	no	no	–	–	–	–	–	–	–	–	–

(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrous oxides

(**) Only required when using correction factors F(2) or F(3).

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Thermal output		Type of thermal output / Room temperature control (please select one)	
• Nominal heat output P_{nom}	14.0 kW	• One-stage thermal output, no room temperature control	yes
• Minimum heat output P_{min}	–	• Two or more stages, no room temperature control	no
Auxiliary power consumption		• Room temperature control by a mechanical thermostat	no
• At nominal heat output el_{max}	–	• with electronic room temperature control	no
• At minimum heat output el_{min}	–	• with electronic room temperature control and daytime control	no
• In standby mode el_{sb}	–	• with electronic room temperature control and weekday control	no
Fuel efficiency (based on the calorific value (NCV))		Other controls (more than one answer is possible)	
• Fuel efficiency at nominal heat output, $\eta_{th,nom}$	80.1 %	• Room temperature control with presence detection	no
• Fuel efficiency at minimal heat output, $\eta_{th,min}$	–	• Room temperature control with detection of open windows	no
Power requirement of the pilot flame		• With remote control option	no
• Power requirement of the pilot flame (if present), P_{pilot}	–		

Specific precautions for assembly, installation or maintenance

Please refer to the information in the installation and operating instructions!

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