

Ekko W L 67(45)51 s with frame doors

Data sheet

Details

- Boiler unit open on two sides, based on the Ekko range, fully water-washed
- With frame doors
- 67(45)51 – Height 51 cm
- Self-closing door
- Adjustable lower air washing
- Front hinged, side part fixed
- Standard fire box inner lining: white smooth chamotte
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°



Ekko W L 67(45)51 with frame doors and hinged front

Technical data

• Nominal heat output	14,9 kW
• Water heat output	7 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	33 cm
• Weight	310 kg
• Heat distribution through the viewing window	30 %
• Heat distribution, convective output	20 %
• Heat distribution: waterside output	50 %
• Water content	52 ltr.
• Max. operating pressure	3,0 bar

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

Triple values with nominal heat output

• Flue gas mass flow	17,0 g/s
• Flue gas temperature	215 °C
• Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

• Recommended flue length ¹	–
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Data for closed design

• Minimum heat-emitting surface ²	–
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Standard



Hydronic technology



Kristall front



Door hinge on right



Double glazing



Combustion air connector

Optional



Combustion air connector

Accessories



SMR

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: 01/2024



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



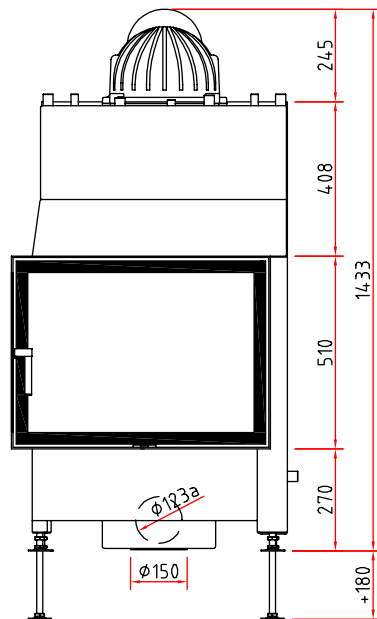
1. Federal Emissions Control Ordinance Stage 2



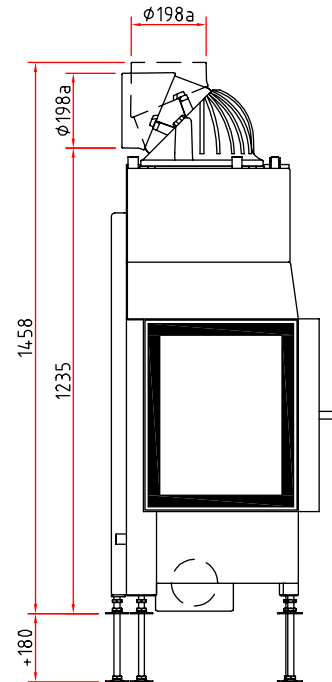
Ekko W L 67(45)51 s with frame doors

Dimensional drawing

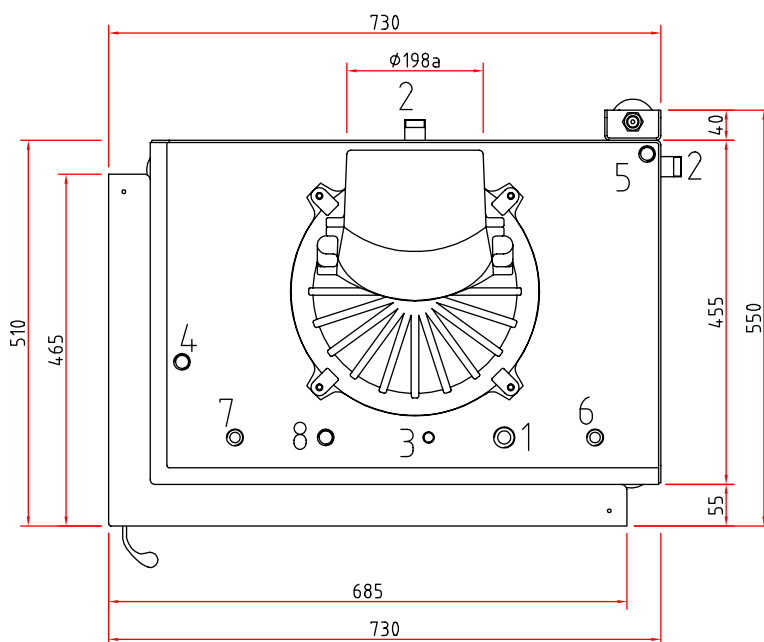
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



Water connections

- 1 Heating flow 3/4" male
- 2 Return 3/4" male
- 3 Quick vent 3/8" female
- 4 Pump control sensor 1/2" female
- 5 Sensor for thermal discharge safety device (TAS) 1/2" female
- 6 Fresh water supply 1/2" male / thermal discharge safety device
- 7 Fresh water drain 1/2" male / thermal discharge safety device
- 8 Safety valve 1/2" female

Important notes

- Ensure that all connections and safety devices are accessible (e.g. grille or inspection door).
- Never exceed the maximum ambient temperature of 160 °C.
- Fit the safety valve, thermal discharge safety device and air vent in the cold part of the system, if required.

Product data sheet

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

	Ekko W L/R 67 s/ h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko W L/R 67 s/h
Energy efficiency class:	A+
Direct heat output (kW)	7,9
Indirect heat output (kW):	7,0
Energy efficiency index (EEI):	109,0
Energy efficiency at nominal heat output (%):	82,1
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

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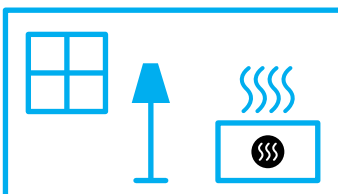
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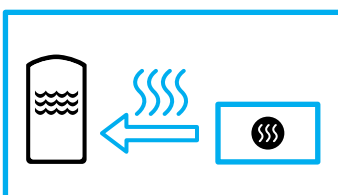
Camina  Schmid Ekko W L/R 67 s/h



A⁺



7,9
kW



7,0
kW

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