

# Ekko W R 67(45)51 S one-piece frame

## Data sheet

### Details

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



### 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	52ltr.
Max. operating pressure	3,0 bar

Ekko W R 67(45)51 one-piece frame and hinged front

### Standard



Hydronic technology



Kristall front



Door hinge on left



Combustion air connector

### Optional



Combustion air connector

### Accessories



SMR

### 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 <sup>1</sup>	–
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#### Data for closed design

Minimum heat-emitting surface <sup>2</sup>	–
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<sup>1</sup>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<sup>2</sup>.

<sup>2</sup>Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / m<sup>2</sup>

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



Made in Germany



CERT



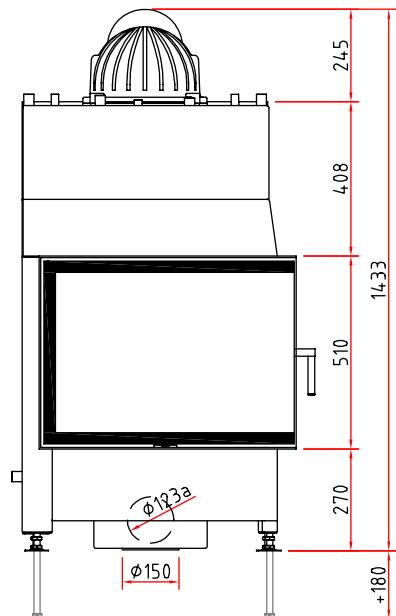
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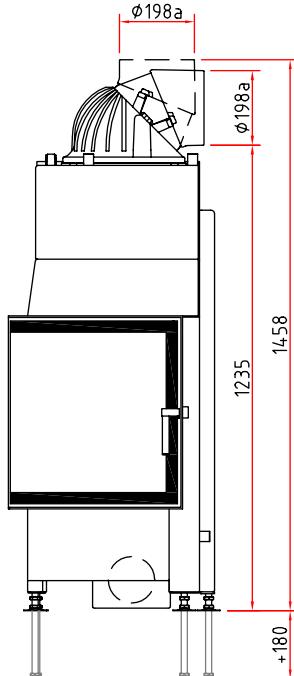
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## Dimensional drawing

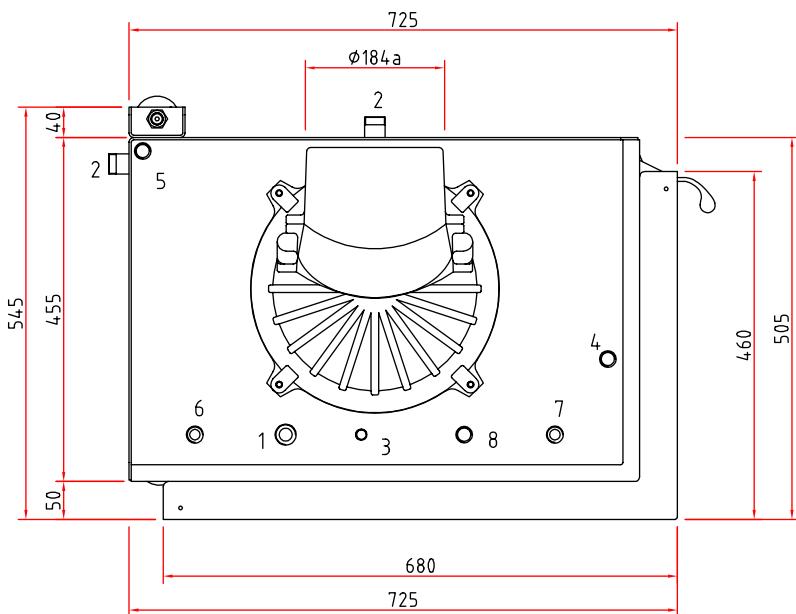
Front view, scale 1:20



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

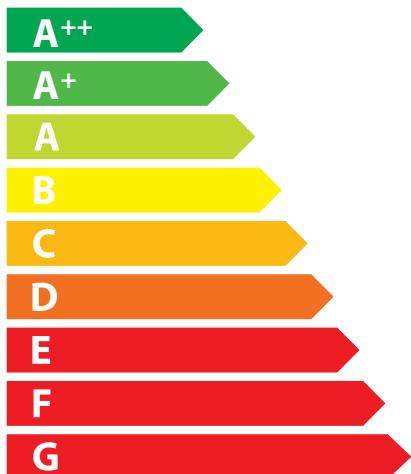
Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU

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

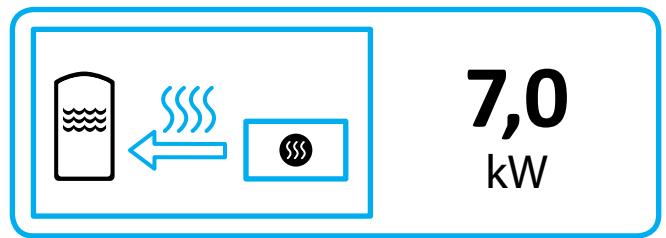
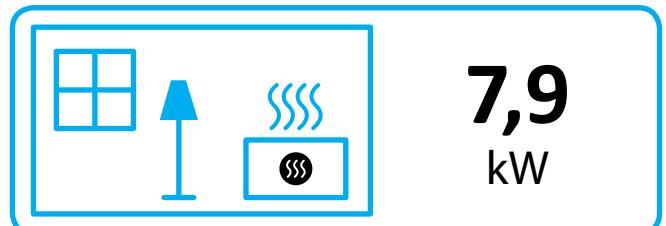
*There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 11/2021*



Camina Schmid Ekko W L/R 67 s/h



A<sup>+</sup>



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2015/1186