# Ekko W L 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 51 cm
- 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°

*Ekko W L 67(45)51 one-piece frame 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] | – |

**Data for closed design**

| | |
|---|---|
| Minimum heat-emitting surface[2] | – |

**Standard**

Hydronic technology

Kristall front

Door hinge on right

125 mm

Combustion air connector

**Optional**

150 mm

Combustion air connector

**Accessories**

SMR

A+

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

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

[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

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 01/2024

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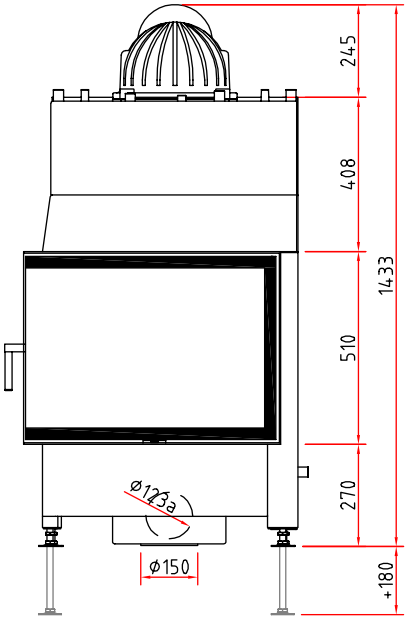
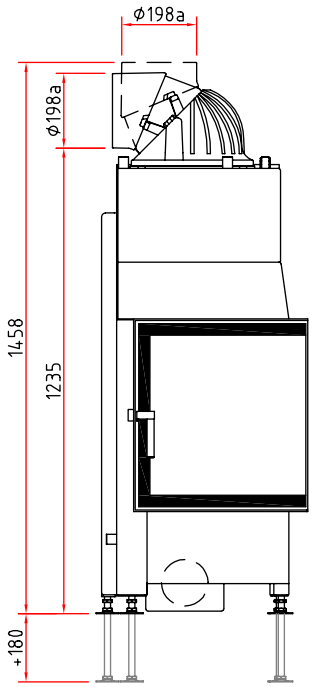
## Dimensional drawing

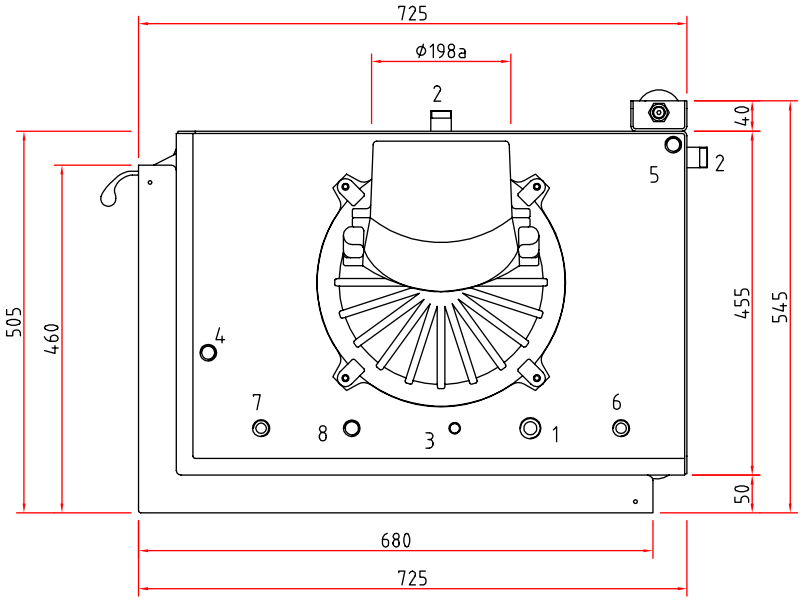
**Front view, scale 1:20**




**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.

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# 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! |

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

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Camina Schmid **Ekko W L/R 67 s/h**

A++
A+
A
B
C
D
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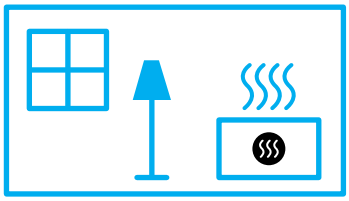
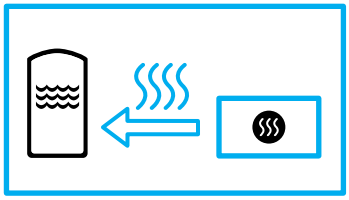
**A+**



**7,9**
kW



**7,0**
kW

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**2015/1186**