

# Profi W 12

Front Profi K

## Data sheet

### Details

- Boiler stove, completely surrounded by water
- Suitable for multiple flue connections
- With upper, low-emission firing
- With 3 flue gas connection options
- Including Thermal discharge safety device (TAS) with 4 m Capillary tube and sensor pocket (L = 148 mm)



Profi W 12 – Front Profi K

### Technical data

Nominal heat output without NHK	14,9 kW
Thermal output range	7,1 – 14,9 kW
Water heat output	10,6 kW
Efficiency	>80 %
Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)	60 mm
Combustion air connector	Ø150 mm
Recommend length of logs	50 cm
Weight including chamotte	360 kg
Heat distribution through the viewing window	15 %
Heat distribution, convective output	15 %
Heat distribution: waterside output	70 %
Combustion air requirement	52,9 m <sup>3</sup> /h
Water content	80 ltr.
Max. operating pressure	3,0 bar

### Standard



Door hinge on left



Profi W 12 – Front Profi K



Hydronic technology



Wood-burning



Double glazed

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

#### Triple values with nominal heat output

Flue gas mass flow	10,1 g/s
Flue gas temperature downstream of the connecting surface	300 °C
Required delivery pressure	12 Pa



Kristall front



External fuel-door



Combustion air connector



Triple glazed

### Optional



SMR

#### Triple values for calculating ceramic flues (wood fuel)

Firing power	23,1 kW
Flue gas mass flow	28,6 kW
Flue gas temperature upstream of the connecting surface	363 °C
Required delivery pressure at the flue gas connector	15 Pa
Combustion air requirement	65,1 m <sup>3</sup> /h



External fuel-door



Combustion air connector



Triple glazed

### Accessories



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There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 07/2018



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



1. Federal Emissions Control Ordinance Stage 2

Made in Germany



CERT



EFIA

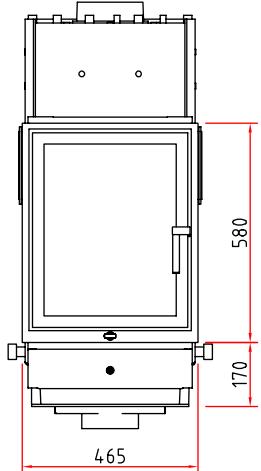
Europäische Föderation der Anwesenbetreiber e.V.

# Profi W 12

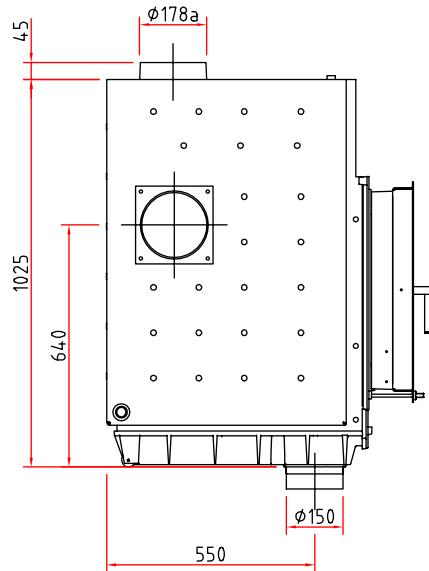
Front Profi K

## Dimensional drawing

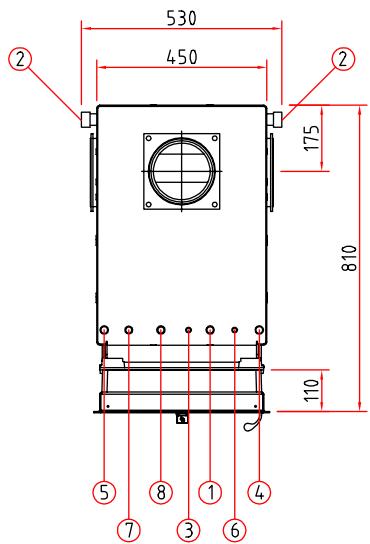
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:20



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>Profi W 12</b>
<b>Supplier's name:</b>	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
<b>Supplier's model identifier:</b>	Profi W 12
<b>Energy efficiency class:</b>	A+
<b>Direct heat output (kW):</b>	4,3
<b>Indirect heat output (kW):</b>	10,6
<b>Energy efficiency index (EEI):</b>	112,8
<b>Energy efficiency at nominal heat output (%):</b>	84,7
<b>Notes for specific precautions, installation or maintenance:</b>	Please note the reference in the assembly instructions and operating manuals!

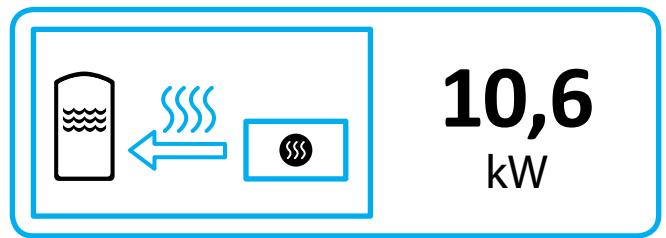
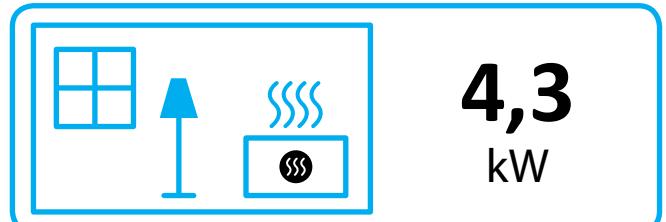
*There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 11/2021*



Camina Schmid Profi W 12



A<sup>+</sup>



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2015/1186