# **Profi** K / K Kristall 12
## Data sheet

**Details**
- Suitable for multiple flue connections
- Flue gas redirection for a clean combustion
- With 4 flue gas connection options
- Manual combustion air control
- K: Double glazed, K Kristall: Triple glazed

**Technical data**

| | |
|---|---|
| Nominal heat output incl. NHK | 12 kW |
| Thermal output range | 4,3 – 12,7 kW |
| 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 | 42 cm |
| Weight including chamotte | 300 kg |
| Heat distribution through the viewing window | 20 % |
| Heat distribution, convective output | 80 % |
| Combustion air requirement | 46,6 m³/h |

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

**Triple values with nominal heat output**

| | |
|---|---|
| Flue gas mass flow | 11,3 g/s |
| Flue gas temperature downstream of the connecting surface | 270 °C |
| Required delivery pressure | 12 Pa |

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

| | |
|---|---|
| Firing power | 15,1 kW |
| Flue gas mass flow | 15,2 kW |
| Flue gas temperature upstream of the connecting surface | 493 °C |
| Required delivery pressure at the flue gas connector | 15 Pa |
| Combustion air requirement | 35,3 m³/h |

*Profi K 12*

**Standard**

Door hinge on left · Door hinge on right · Double glazed · Wood-burning

**Optional**

Kristall front · External fuel-door · Combustion air connector · Triple glazed (Standard at Profi K Kristall)

**Accessories**

SMR · Hydronic technology

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

1. Federal Emissions Control Ordinance Stage 2

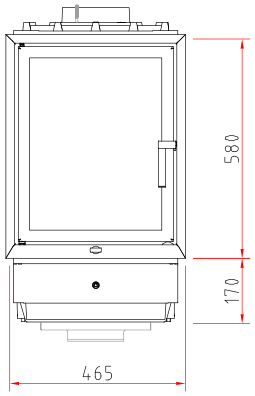
Made in Germany

EFA

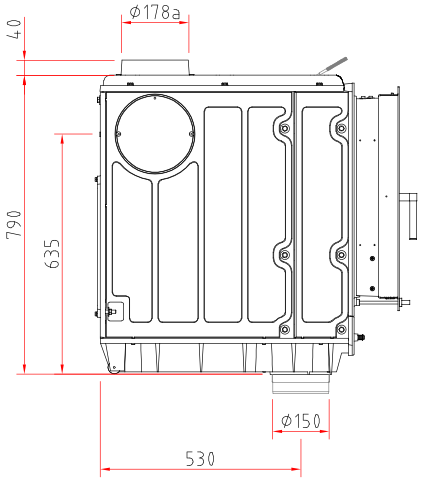
There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 01/2022

# **Profi** K / K Kristall 12
## Dimensional drawing

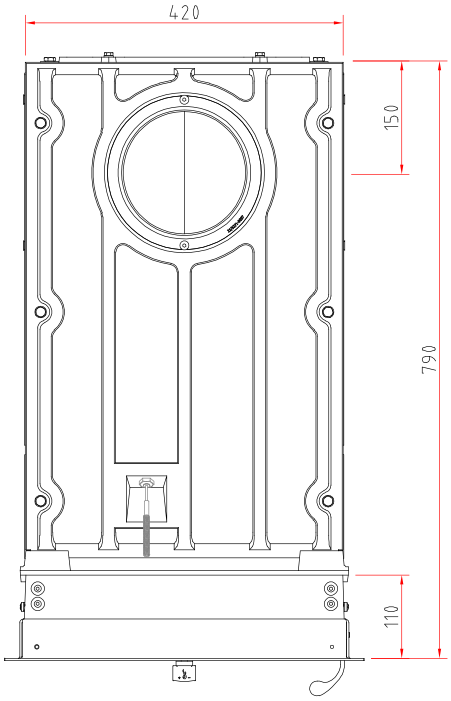
**Front view, scale 1:20**




**Side view, scale 1:20**




**Top view, scale 1:10**

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# Product data sheet

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

| | **Profi K/R/Plus 12, Profi 12, Concept 12** |
|---|---|
| **Supplier's name:** | Camina & Schmid Feuerdesign und Technik GmbH & Co. KG |
| **Supplier's model identifier:** | Profi K/R/Plus 12, Profi 12, Concept 12 |
| **Energy efficiency class:** | A+ |
| **Direct heat output (kW)** | 12,0 |
| **Indirect heat output (kW):** | – |
| **Energy efficiency index (EEI):** | 109,5 |
| **Energy efficiency at nominal heat output (%):** | 82,4 |
| **Notes for specific precautions, installation or maintenance:** | Please note the reference in the assembly instructions and operating manuals! |

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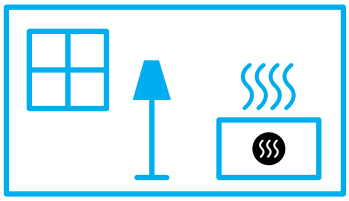
Camina Schmid **Profi K/R/Plus 12, Profi 12, Concept 12**

**A+**



**12,0**
kW

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**2015/1186**