

# 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



### Optional



### Accessories



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



1. Federal Emissions Control Ordinance Stage 2

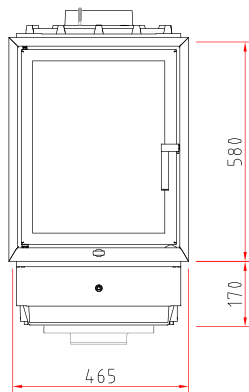


There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 01/2022

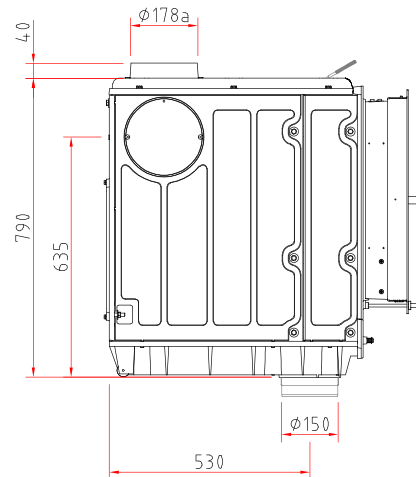
# Profi K / K Kristall 12

## Dimensional drawing

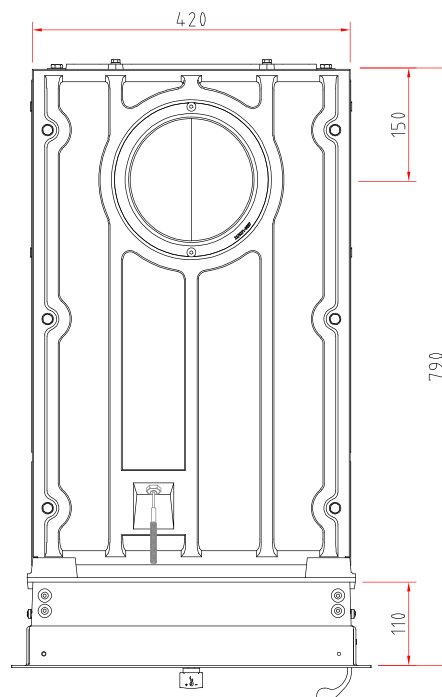
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



## Product data sheet

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

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

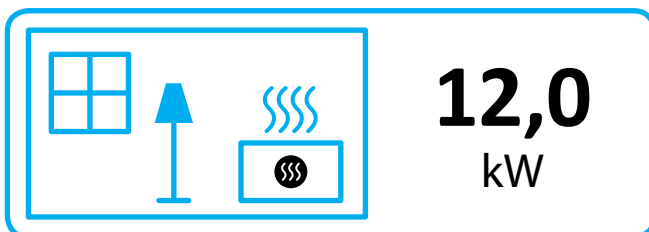
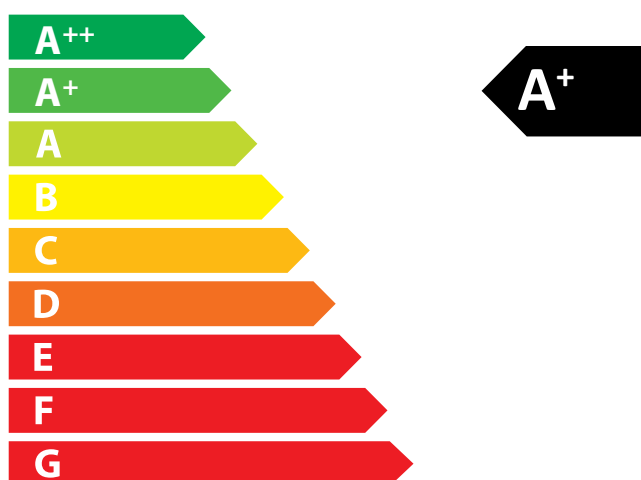
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Camina  Schmid Profi K/R/Plus 12, Profi 12, Concept 12



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2015/1186