

# Lina 87 h

## Data sheet

### Details

- Fireplace insert, open on one side
- 8751 – Height 51 cm  
8757 – Height 57 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°
- Overall height can be simply and quickly adjusted
- Easy to dismantle for transport

### Technical data

|                                                                                               |               |
|-----------------------------------------------------------------------------------------------|---------------|
| • Nominal heat output                                                                         | 10 kW         |
| • Thermal output range                                                                        | 4.6 – 10.1 kW |
| • Efficiency                                                                                  | >78%          |
| • 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                                                                    | 33 cm         |
| • Weight                                                                                      | 300 – 320 kg  |
| • Heat distribution through the viewing window                                                | 35%           |
| • Heat distribution, convective output                                                        | 65%           |

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

### Triple values with nominal heat output

|                              |         |
|------------------------------|---------|
| • Flue gas mass flow         | 8.9 g/s |
| • Flue gas temperature       | 320 °C  |
| • Required delivery pressure | 12 Pa   |

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

|                                                           |           |
|-----------------------------------------------------------|-----------|
| • Firing power                                            | 23.3 kW   |
| • Flue gas mass flow                                      | 16.7 g/s  |
| • Flue gas temperature upstream of the connecting surface | 335 °C    |
| • Required delivery pressure at the flue gas connector    | 15 Pa     |
| • Combustion air requirement                              | 93.2 m³/h |
| • Recommended flue length <sup>1</sup>                    | 3.5 m     |

### Data for closed design

|                                              |        |
|----------------------------------------------|--------|
| • Minimum heat-emitting surface <sup>2</sup> | 4.4 m² |
|----------------------------------------------|--------|

<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 cm².

<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/m²

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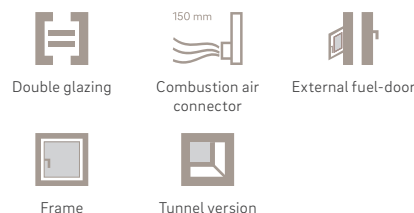


Lina 87 with guillotine front

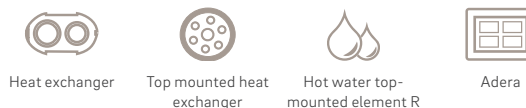
### Standard



### Optional



### Accessories



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



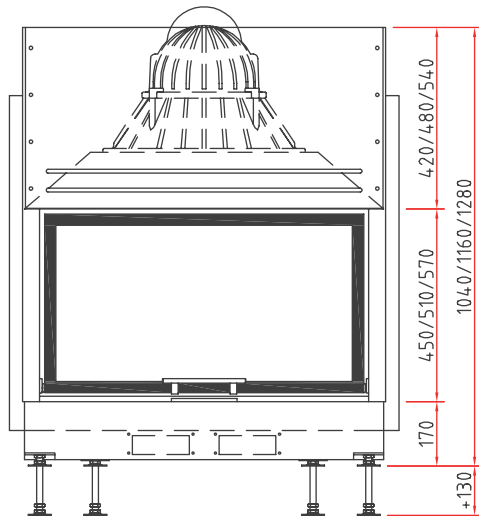
1. Federal Emissions Control Ordinance Stage 2



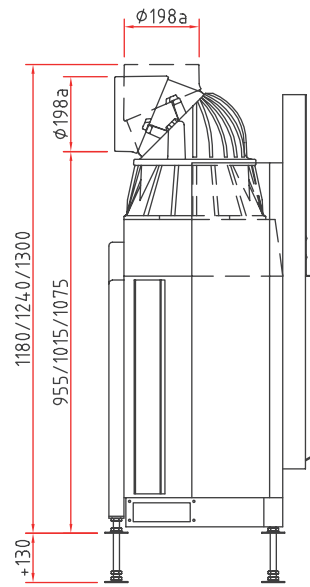
# Lina 87 h

## Dimensional drawing

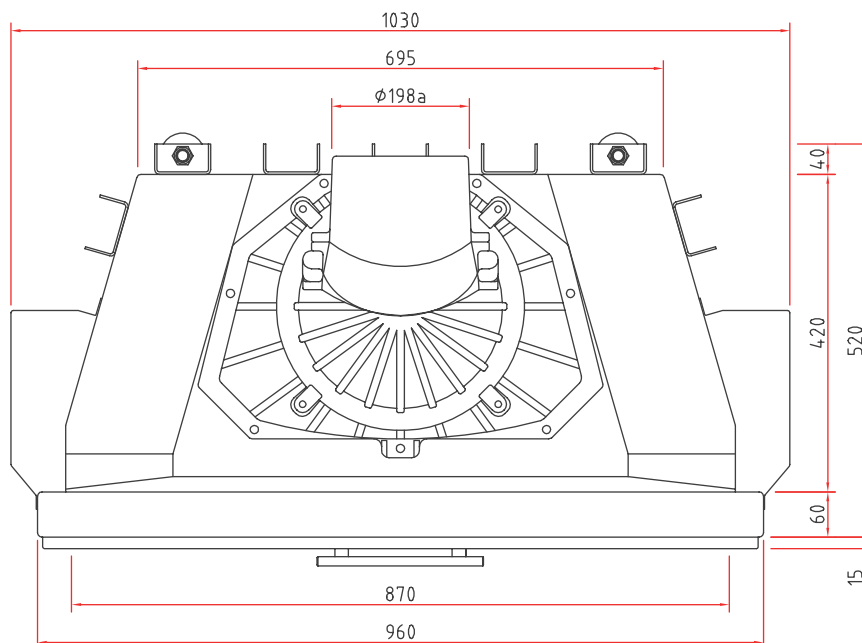
Front view, scale 1:20



Side view, scale 1:20



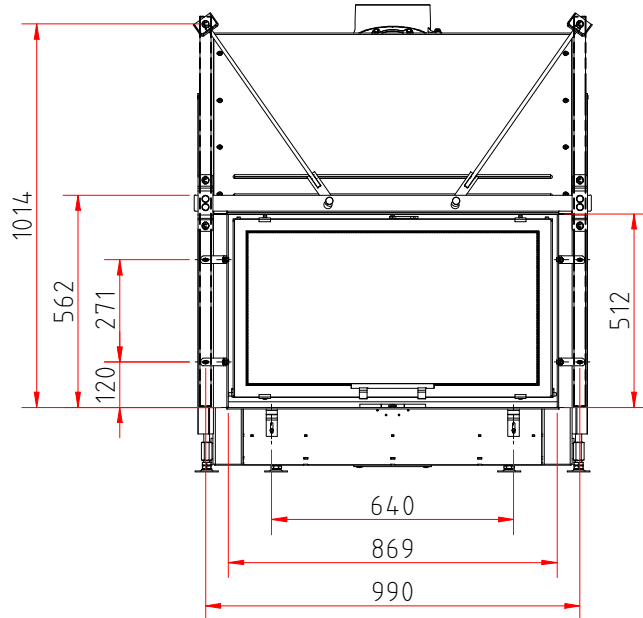
Top view, scale 1:10



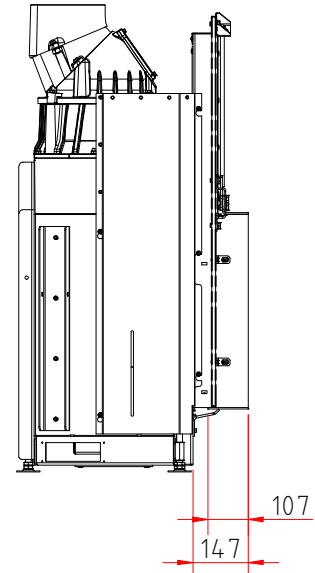
# Lina 8751 h

## Dimensional drawing with frame system

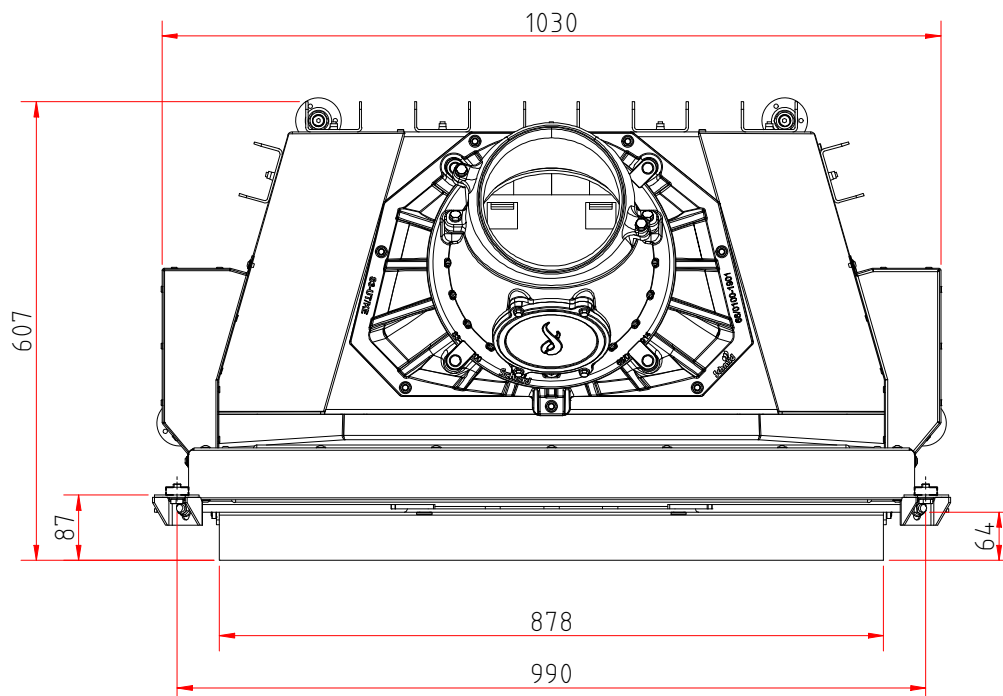
Front view, scale 1:20



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

|                                                                     | <b>Lina 87 h, Lina TV 87 h</b>                                                |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------|
| <b>Supplier's name:</b>                                             | Camina & Schmid Feuerdesign und Technik GmbH & Co. KG                         |
| <b>Supplier's model identifier:</b>                                 | Lina 87 h, Lina TV 87 h                                                       |
| <b>Energy efficiency class:</b>                                     | A                                                                             |
| <b>Direct heat output (kW)</b>                                      | 10,0                                                                          |
| <b>Indirect heat output (kW):</b>                                   | –                                                                             |
| <b>Energy efficiency index (EEI):</b>                               | 103,2                                                                         |
| <b>Energy efficiency at nominal heat output (%):</b>                | 78,1                                                                          |
| <b>Notes for specific precautions, installation or maintenance:</b> | Please note the reference in the assembly instructions and operating manuals! |

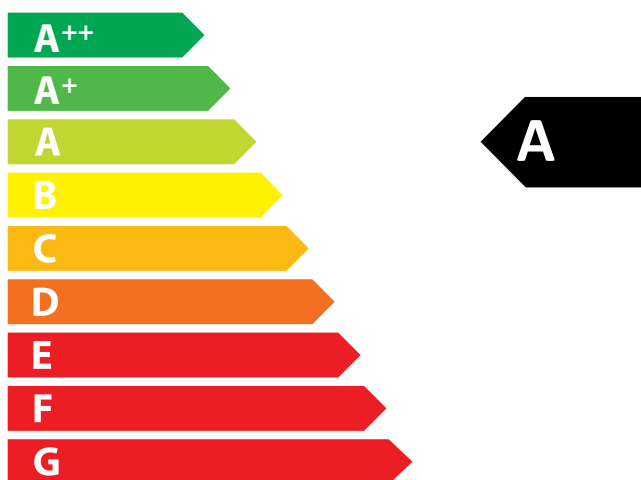
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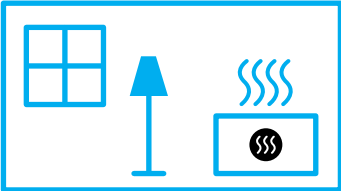


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Camina  Schmid Lina 87 h, Lina TV 87 h





**10,0**  
kW

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2015/1186