

Overview

- Data sheet
- Side radiation area convective hot air
- Dimensional drawing:
 - Lina 6751 s evo
 - Lina 6757 s evo
- Product data sheet incl. energy label



Lina 6751s evo with Chamotte white



Lina 6751 s evo with Chamotte anthracite



Data sheet

Details

- Fireplace insert, open on one side
- 6751 Höhe 51 cm 6757 – Höhe 57 cm
- · Hinged door, self-closing
- Door hinge changeable
- · Air module with Primary air shutdown
- Adjustable feet adjustable in height (manually/allen key)
- High-grade cast-iron dome, all parts can be moved, adjustable between $0-90^{\circ}$

Standard

- Kristall front
- Combustion air connector 125 mm

Optional

- Inner lining: chamotte white, anthracite and cast iron anthracite
- Combustion air connector 150 mm
- Frames

Accesories

- · Hot water topmounted element
- External fuel-door
- Heat exchanger
- Top mounted heat exchanger
- Catalyst plates
- Auxiliary air mechanism
- Storage system SET 1
- Storage system SET 2
- Storage system SET 3
- Adera
- Safety controller
- Support frame



Lina 6751 s evo with Chamotte white



Lina 6751s evo with Chamotte anthracite













Data sheet

Technical data

| • | Nominal heat output | | 9kW |
|---|---|-------------------|---|
| ٠ | Thermal output range | | 3,4-10,0 kW |
| ۰ | Efficiency | | >80% |
| ٠ | Insulation thickness (with a wal not need to be protected, based 2022, Reference insulation mat | on TROL | 80 mm |
| ۰ | Insulation thickness (Combustil | ole compo- | WDS 2 - |
| | nents based on TROL 2022) | | WDS 4 H |
| ٠ | Combustion air connector | | Ø 125 mm |
| | Type of combustion air supply | | VL _{Room,} VL _{External} |
| ٠ | Recommended length of logs | | 33 cm |
| ٠ | Weight | | 220-260 kg |
| ٠ | Heat distribution through the v | iewing window | 30% |
| ۰ | Heat distribution: convective or | ıtput | 70 % |
| ٠ | Recommended free cross-sec- | Supply air | 1520 cm² |
| | tion ¹ | Recirculation air | 1260 cm ² |
| | | | |

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

Triple values with nominal heat output

| ٠ | Flue gas mass flow | 9,5 g/s |
|---|----------------------------|---------|
| | Flue gas temperature | 278°C |
| ۰ | Required delivery pressure | 12 Pa |

Triple values for calculating ceramic flues (wood fuel)

| • | Firing power | 22,2 kW |
|---|---|-----------|
| • | Flue gas mass flow | 15,9 g/s |
| ۰ | Flue gas temperature upstream of the connecting surface | 320°C |
| • | Required delivery pressure at the flue gas connector | 15 Pa |
| • | Combustion air requirement ² | 88,8 m³/h |
| • | Recommended flue length ³ | 3,5 m |
| • | Fuel conversion | 5,3 kg/h |

Data for closed design

• Minimum heat-emitting surface⁴ 4,2 m²

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¹The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and recirculation air cross sections. Free cross section in cm² for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 cm²/kW, recirculation air grille 200 cm²/kW. The calculated values may be exceeded or fallen short of by up to 20%.

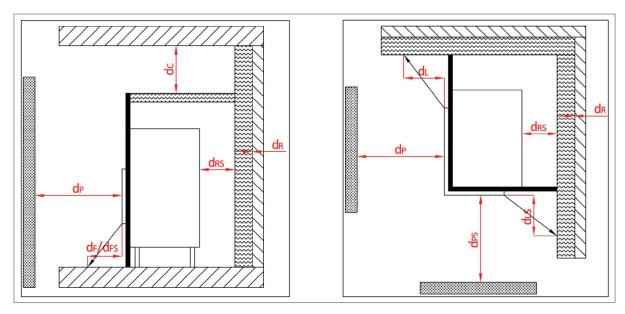
 $^{^{\}mathbf{2}}$ When connected directly to the outside air, combustion is not dependent on the direct ambient air.

³ 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.

 $^{^{4}}$ Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / $\rm m^2$



Side radiation area convective hot air

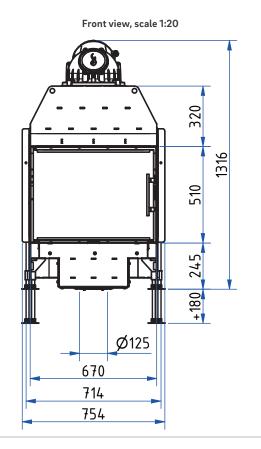


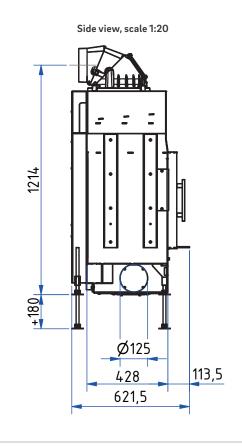
View from the side and from above

| Minimum distance to combustible materials: | Abbr. | Fireplace inserts: | |
|--|-----------------|--------------------|--|
| Minimum distance to compustible materials: | Addr. | Lina 67 s evo | |
| ceiling | d _c | > 750 mm | |
| rear and side (between the insulation and the test wall) | d _R | 0 mm | |
| rear and side (between the insulation and the insert) | d _{RS} | 100 mm | |
| side radiation area front glass | d _L | 300 mm | |
| side radiation area side glass | d _{LS} | 0 mm | |
| to adjacent combustible materials front glass | d _P | 1600 mm | |
| to adjacent combustible materials side glass | d _{PS} | 0 mm | |
| distance on the floor to the front | d _F | 0 mm | |
| distance on the floor to the side | d _{FS} | 0 mm | |

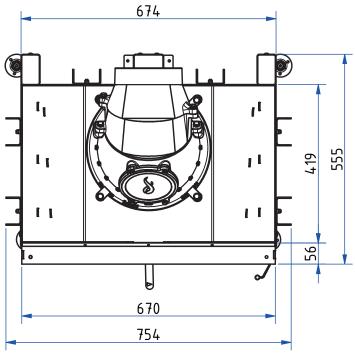


Dimensional drawing





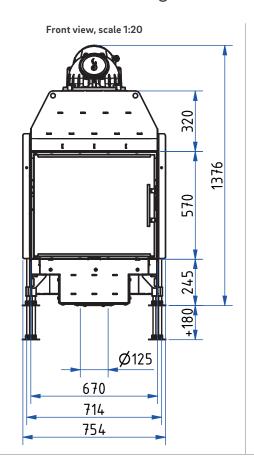
Top view, scale 1:10

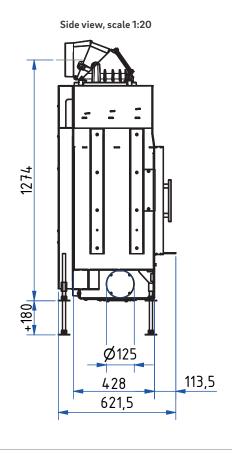


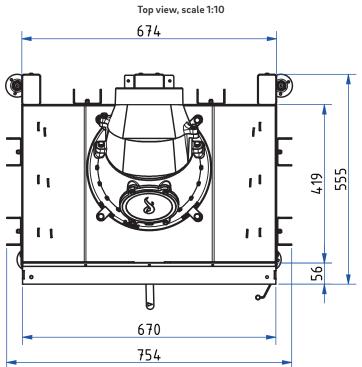
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Dimensional drawing







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Product data sheet

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

| | Lina 67 s/h evo |
|--|---|
| Supplier's name: | Camina & Schmid Feuerdesign und Technik GmbH & Co. KG |
| Supplier's model identifier: | Lina 67 s/h evo |
| Energy efficiency class: | A+ |
| Direct heat output (kW) | 9,0 |
| Indirect heat output (kW): | - |
| Energy efficiency index (EEI): | 107,5 |
| Energy efficiency at nominal heat output (%): | 81,0 |
| Notes for specific precautions, installation or maintenance: | Please note the reference in the assembly instructions and operating manuals! |

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| | Lina 67 s/h evo |
|--|-----------------|
| Room heat output (kW) | 9,0 |
| Partial load-thermal output (kW) | - |
| Partial load-room heat output (kW) | - |
| Efficiency partial load - thermal output (%) | - |
| Room heating annual efficiency at nominal heat output | 71,0 |
| CO - Emissions (13% O2) at nominal heat output (mg/m³) | < 1250 |
| NOX - Emissions (13% O2) at nominal heat output(mg/m³) | < 200 |
| OGC - Emissions (13% O2) at nominal heat output (mg/m³) | < 120 |
| Particles - Emissions (13% O2) at nominal heat output (mg/m³) | < 40 |
| Required delivery pressure at nominal heat output (Pa) | 12 |
| Required delivery pressure at partial load-thermal output (Pa) | - |
| Chimney designation according chimney standard | T 400 |
| Suitable for continuous burning operation (CON) or part-time operation (INT) | INT |
| Minimum distance to combustible components based on TROL 2022 | WDS 2 - WDS 4H |
| Maximum carrying capacity by chimney (kg) | 100 |

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