

Lina 8770 h

Data sheet

Details

- Fireplace insert, open on one side
- 8770 – Height 70 cm
- Self-closing door
- Adjustable lower air washing
- Standard fire box inner lining: smooth natural vermiculite
- 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



Lina 8770 with guillotine front

Technical data

• Nominal heat output	19 kW
• Thermal output range	8.0 – 19.2 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	350 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	17.8 g/s
• Flue gas temperature	263 °C
• Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

• Firing power	–
• Flue gas mass flow	–
• Flue gas temperature upstream of the connecting surface	–
• Required delivery pressure at the flue gas connector	–
• Combustion air requirement	–
• Recommended flue length ¹	–

Data for closed design

• Minimum heat-emitting surface ²	7.6 m ²
--	--------------------

¹The information regarding flue lengths is a recommendation and based on the calculation in accordance with TRD L 2022 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 cm².

²Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W/m²

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 01/2024

Standard



Kristall front



Guillotine door



150 mm
Combustion air connector

Optional



Double glazing



150 mm
Combustion air connector



External fuel-door



Frame

Accessories



SMR



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



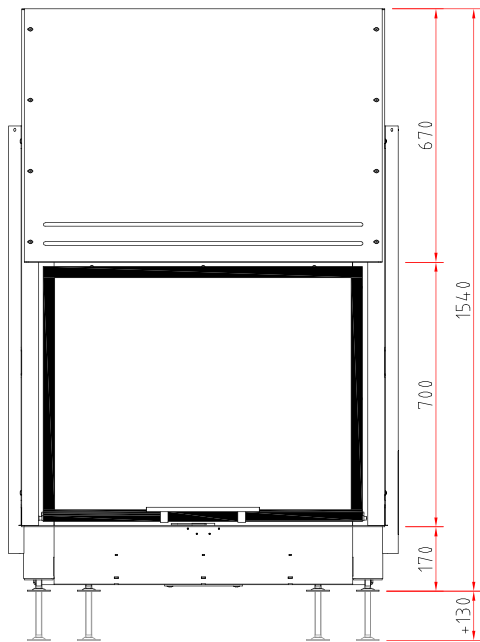
1. Federal Emissions Control Ordinance Stage 2



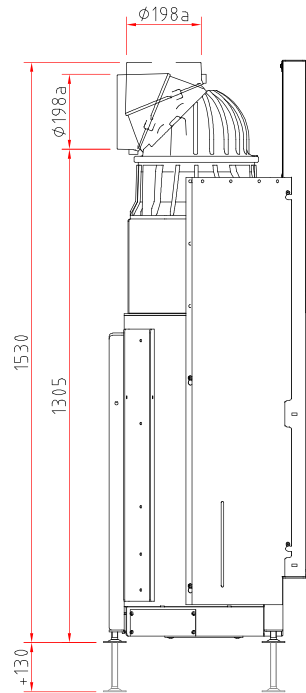
Lina 8770 h

Dimensional drawing

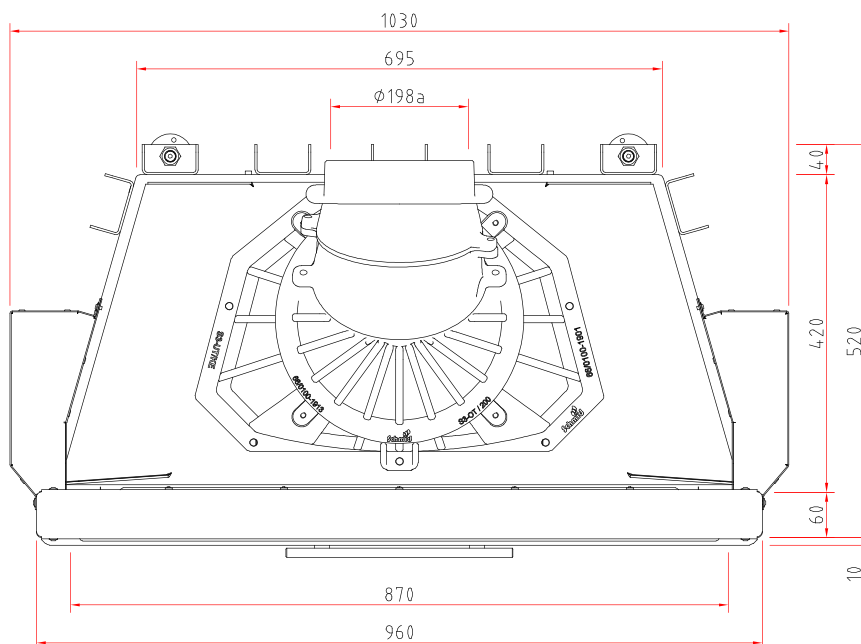
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



Product data sheet

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

	Lina 8770 h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Lina 8770 h
Energy efficiency class:	A
Direct heat output (kW)	19,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	103,2
Energy efficiency at nominal heat output (%):	78,1
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

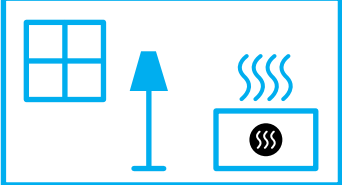
There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 11/2021



ENERG
енергия · ενέργεια



Camina  Schmid Lina 8770 h



19,0
kW

ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2015/1186