Lina 87 h

Data sheet

Details

- Fireplace insert, open on one side
- 8745 – Height 45 cm
  8751 – Height 51 cm
  8757 – Height 57 cm
- Self-closing door
- Adjustable lower air washing
- Standard fire box inner lining: "Premium 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

Lina 87 with guillotine front

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	280 – 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	–
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]	3.5 m

Data for closed design

Minimum heat-emitting surface[2]	4.4 m²

[1] The information regarding flue lengths is a recommendation and based on the calculation in accordance with TrOl 2020 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 cm².

[2] Average 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: 01/2022

Standard

Kristall front

Guillotine door

Combustion air connector

Optional

Kristall+ (57 cm high only)

Double glazing

Combustion air connector

External fuel-door

Frame

Tunnel version

Accessories

Heat exchanger

Top mounted heat exchanger

Hot air top-mounted element

Hot water top-mounted element R

SMR

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

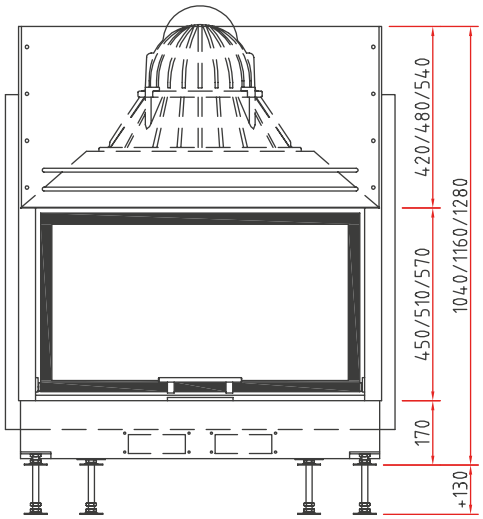
1. Federal Emissions Control Ordinance Stage 2

Made in Germany

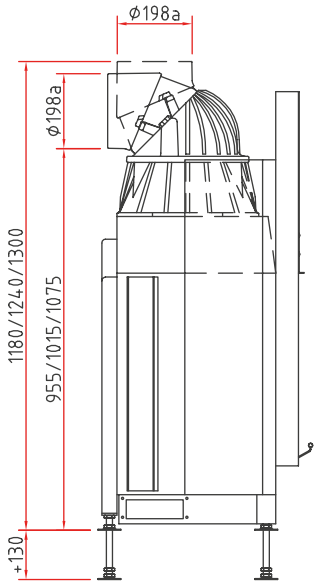
Lina 87 h

Dimensional drawing

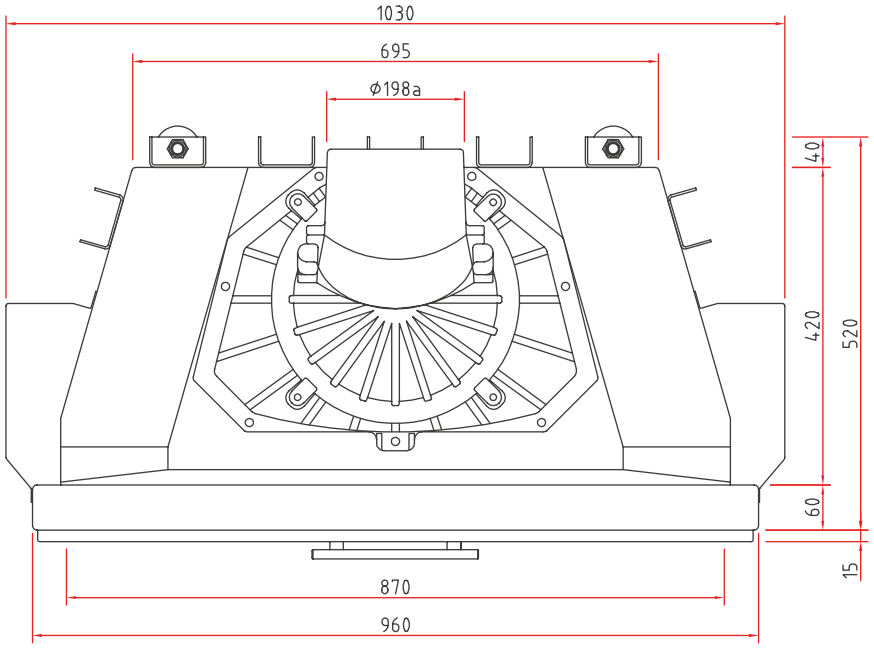
Front view, scale 1:20



Side view, scale 1:20



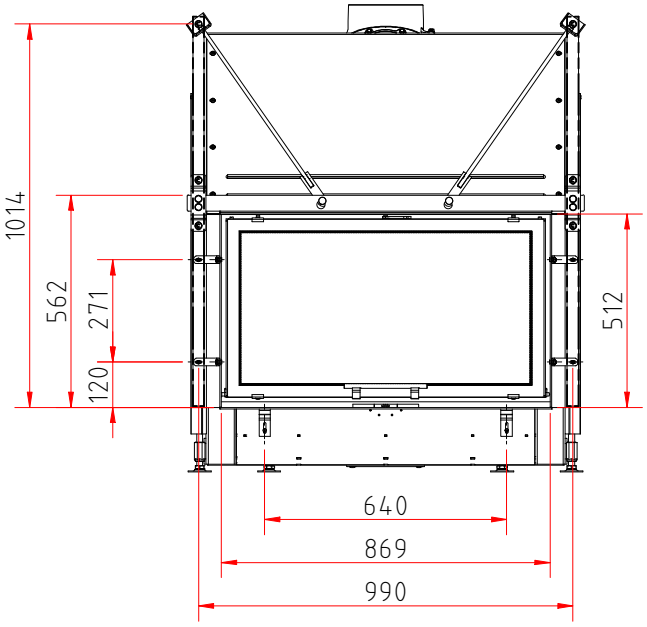
Top view, scale 1:10



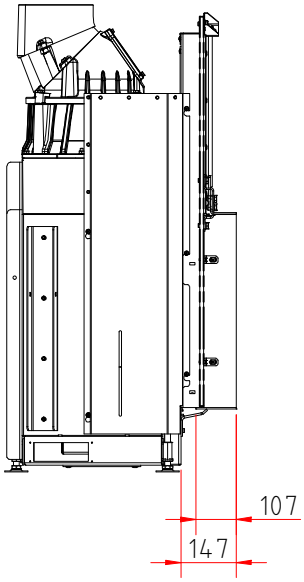
Lina 8751 h

Dimensional drawing with frame system

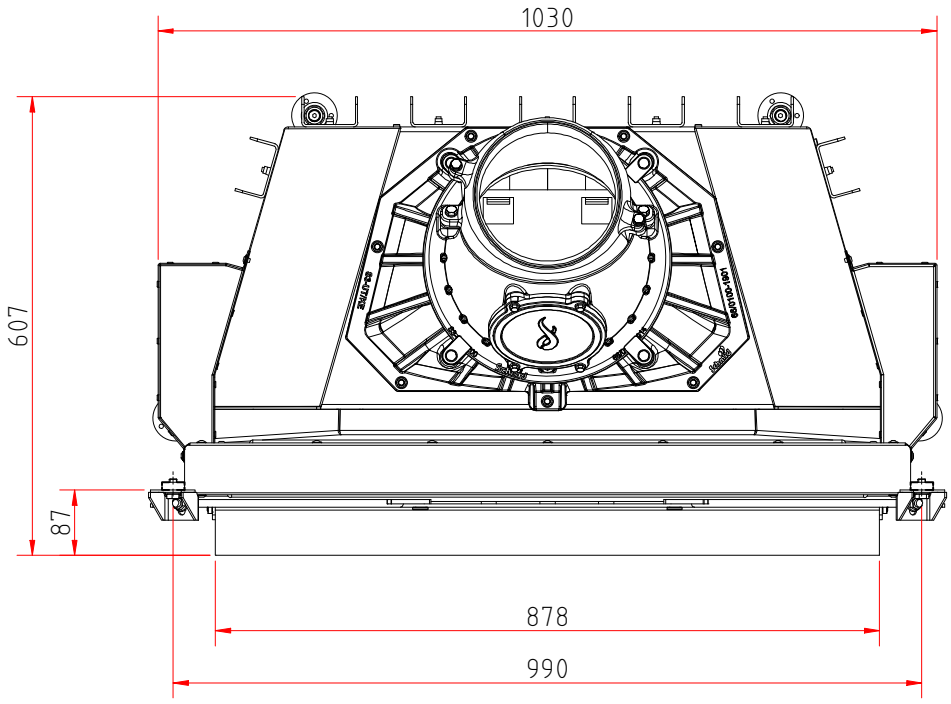
Front view, scale 1:20



Side view, scale 1:20



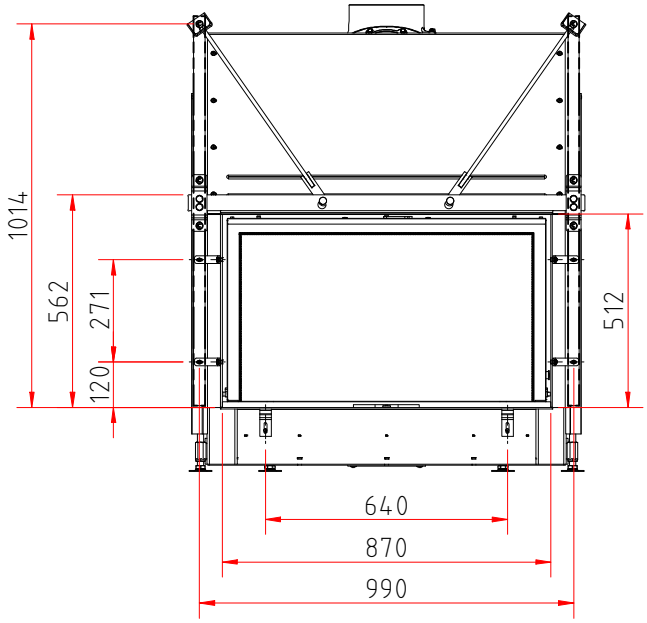
Top view, scale 1:10



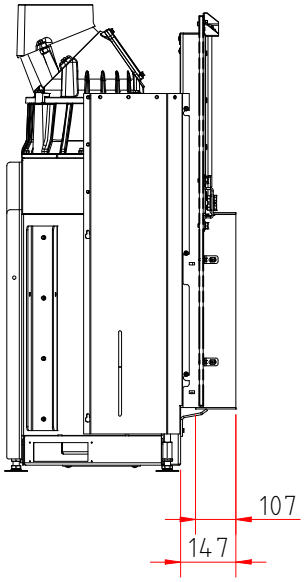
Lina 8751 h Kristall+

Dimensional drawing with frame system

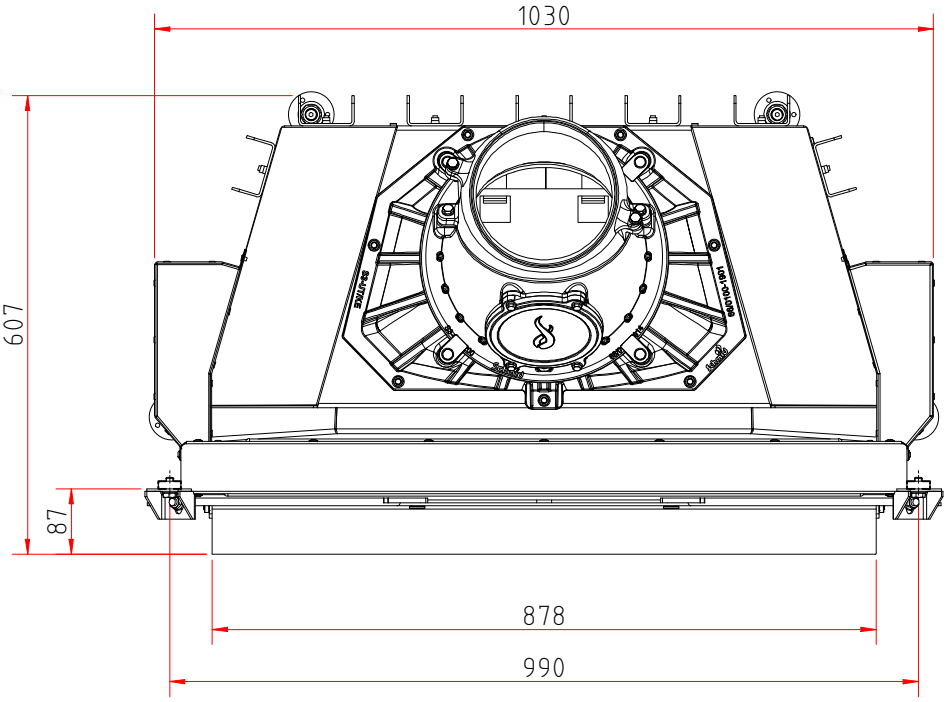
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



Product data sheet

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

	Lina 87 h, Lina TV 87 h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Lina 87 h, Lina TV 87 h
Energy efficiency class:	A
Direct heat output (kW)	10,0
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

Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Gewerbepark 18 · 49143 Bissendorf · Phone +49 5402 7010-10 · Fax +49 5402 7010-70
www.camina-schmid.de · info@camina-schmid.de

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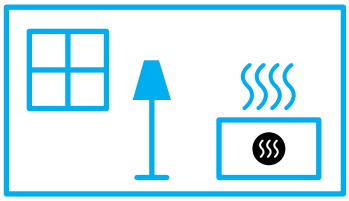
Camina Schmid **Lina 87 h, Lina TV 87 h**

A



10,0
kW

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2015/1186

Technical documentation for individual room heating appliances for use with solid fuels

Regulation (EU) 2015/1185 supplementary to Directive 2010/30/EU

Name and address of the manufacturer: Camina & Schmid Feuerdesign und Technik GmbH & Co. KG

Model identifier: Lina 87

Equivalent models: –

Test reports: RRF – 29 10 2338

Harmonised standards: EN 13229:2001/A2:2004/AC:2007

Other applied standards or technical specifications: –

Indirect heating function (yes/no): no

Direct thermal output: 10.0 kW

Indirect thermal output: –

Properties when operating with the preferred fuel

Room heating annual efficiency ηs 5 %: 65

Energy efficiency index (EEI): 103.2

Fuel	Preferred fuel (only one)	Other suitable fuel(s)	η_s [x%]	Emissions at nominal heat output (*)				Emissions at minimum thermal output (*) (**)			
				PM	OGC	CO	NO_x	PM	OGC	CO	NO_x
				[x] mg/Nm³ (13 % O_2)				[x] mg/Nm³ (13 % O_2)			
Wood logs, moisture content ≤ 25%	yes	no	75	40	120	1500	200	–	–	–	–
Wood logs, moisture content < 12%	no	no	–	–	–	–	–	–	–	–	–
Other wood-like biomass	no	no	–	–	–	–	–	–	–	–	–
Non-wood-like biomass	no	no	–	–	–	–	–	–	–	–	–
Anthracite and dry charcoal	no	no	–	–	–	–	–	–	–	–	–
Hard coal coke	no	no	–	–	–	–	–	–	–	–	–
Low-temperature coke	no	no	–	–	–	–	–	–	–	–	–
Bituminous coal	no	no	–	–	–	–	–	–	–	–	–
Lignite briquettes	no	no	–	–	–	–	–	–	–	–	–
Peat briquettes	no	no	–	–	–	–	–	–	–	–	–
Briquettes made from a mixture of fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Other fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Briquettes made from a mixture of biomass and fossil fuels	no	no	–	–	–	–	–	–	–	–	–
Other mixture of biomass and solid fuels	no	no	–	–	–	–	–	–	–	–	–

(*) PM = particulate matter, OGC = organic gaseous compounds, CO = carbon monoxide, NO_x = nitrous oxides
(**) Only required when using correction factors F(2) or F(3).

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Technical documentation for individual room heating appliances for use with solid fuels

Regulation (EU) 2015/1185 supplementary to Directive 2010/30/EU

Thermal output

• Nominal heat output P_{nom}	10.0 kW
• Minimum heat output P_{min}	–

Auxiliary power consumption

• At nominal heat output el_{max}	–
• At minimum heat output el_{min}	–
• In standby mode el_{SB}	–

Fuel efficiency (based on the calorific value (NCV))

• Fuel efficiency at nominal heat output , $\eta_{th,nom}$	78.1 %
• Fuel efficiency at minimal heat output, $\eta_{th,min}$	–

Power requirement of the pilot flame

• Power requirement of the pilot flame (if present), P_{pilot}	–

Type of thermal output / Room temperature control (please select one)

• One-stage thermal output, no room temperature control	yes
• Two or more stages, no room temperature control	no
• Room temperature control by a mechanical thermostat	no
• with electronic room temperature control	no
• with electronic room temperature control and daytime control	no
• with electronic room temperature control and weekday control	no

Other controls (more than one answer is possible)

• Room temperature control with presence detection	no
• Room temperature control with detection of open windows	no
• With remote control option	no

Specific precautions for assembly, installation or maintenance

Please refer to the information in the installation and operating instructions!

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