Lina 100 h

Data sheet

Details

- Fireplace insert, open on one side
- 10045 – Height 45 cm
  10051 – Height 51 cm
  10057 – Height 57 cm
- Optional: 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

Lina 100 with guillotine front

Technical data

Nominal heat output	10 kW
Thermal output range	3.2 – 10.9 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	310 – 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	10.1 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 2022 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: 01/2024

Standard

Kristall front · Guillotine door · Combustion air connector (150 mm)

Optional

Kristall+ (51 cm high only) · Double glazing · Combustion air connector (150 mm) · External fuel-door · Frame · Tunnel version

Accessories

Heat exchanger · Hot air top-mounted element · SMR

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

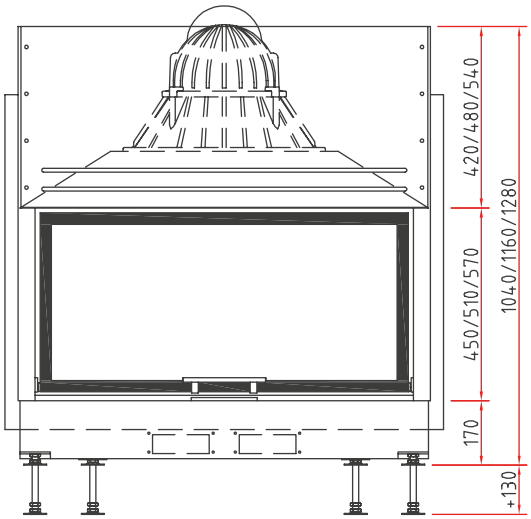
1. Federal Emissions Control Ordinance Stage 2

Made in Germany

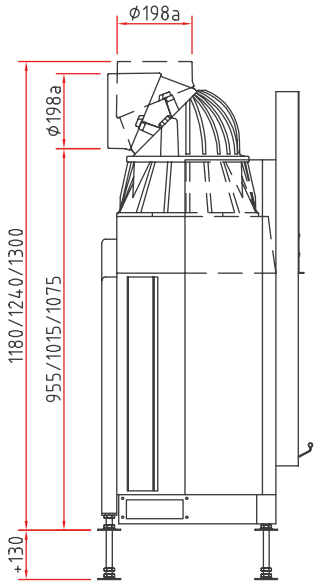
Lina 100 h

Dimensional drawing

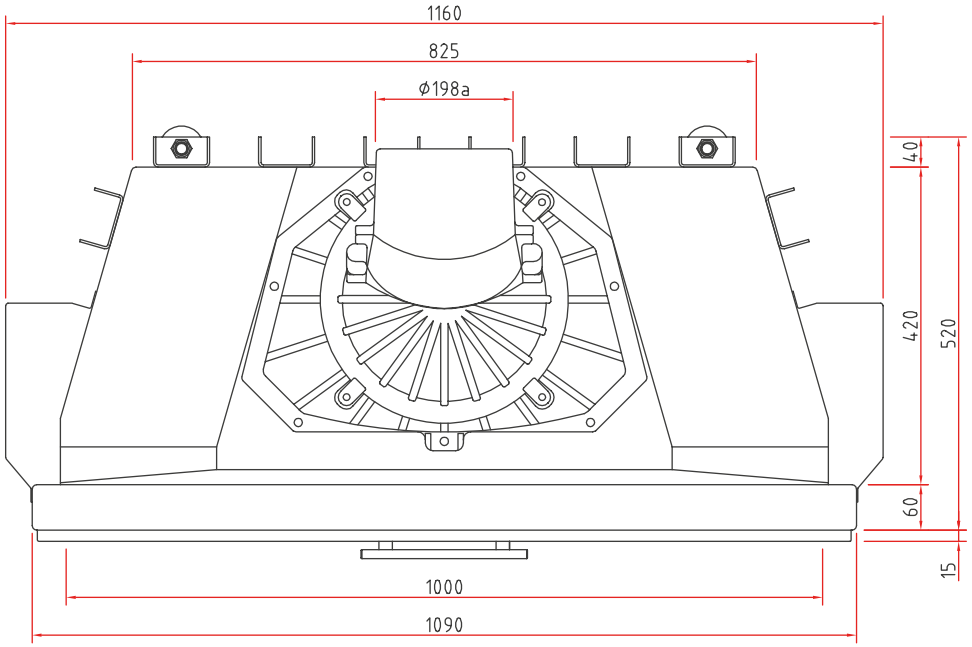
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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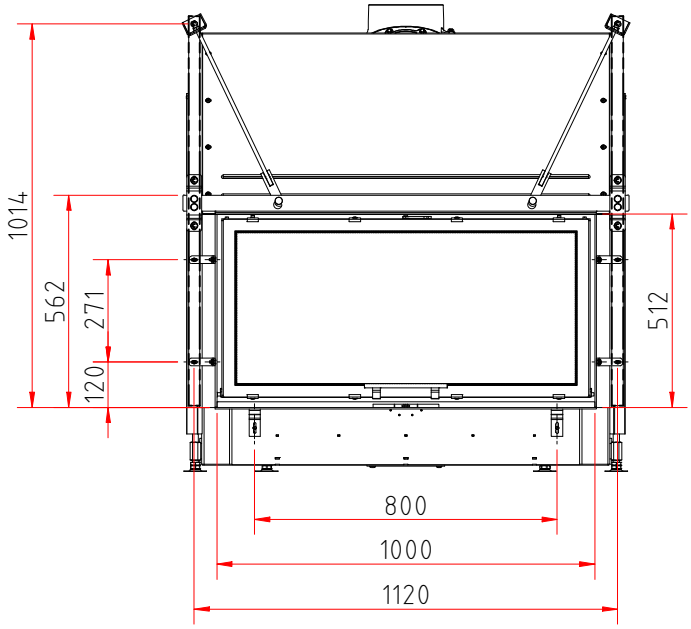
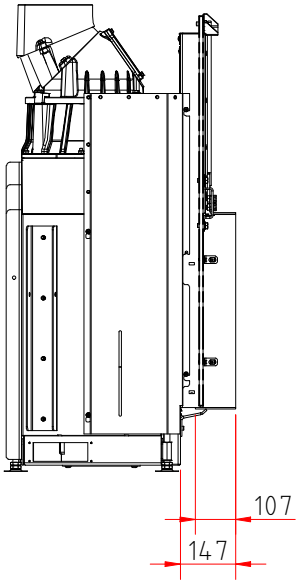
Lina 10051 h

Dimensional drawing with frame system

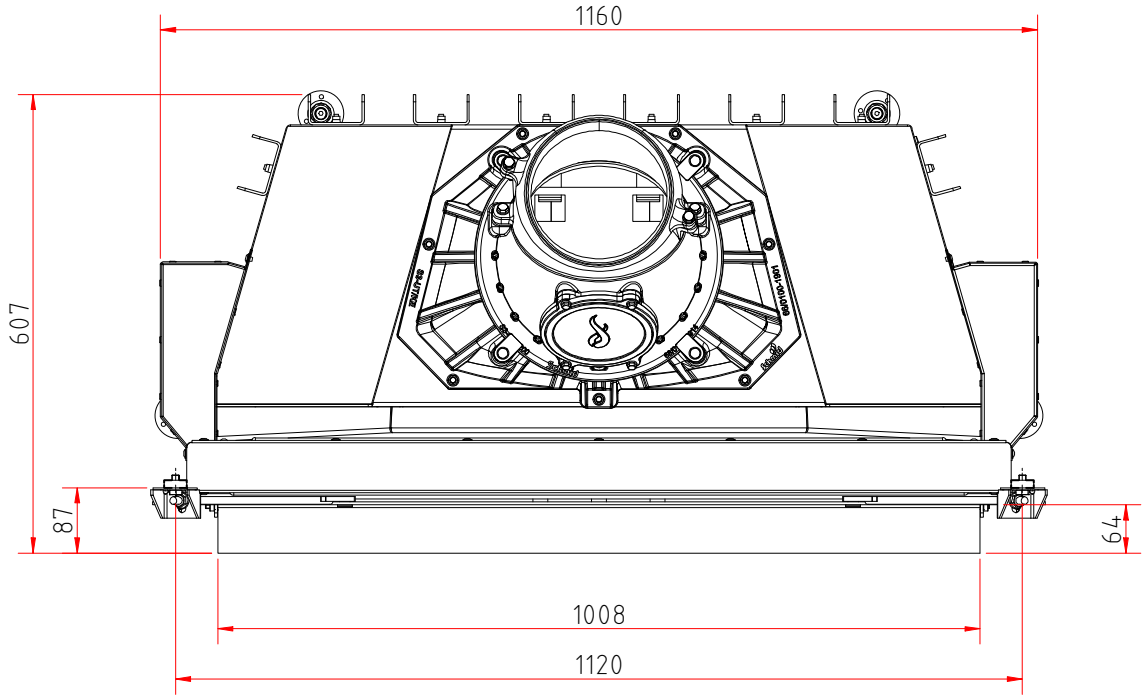
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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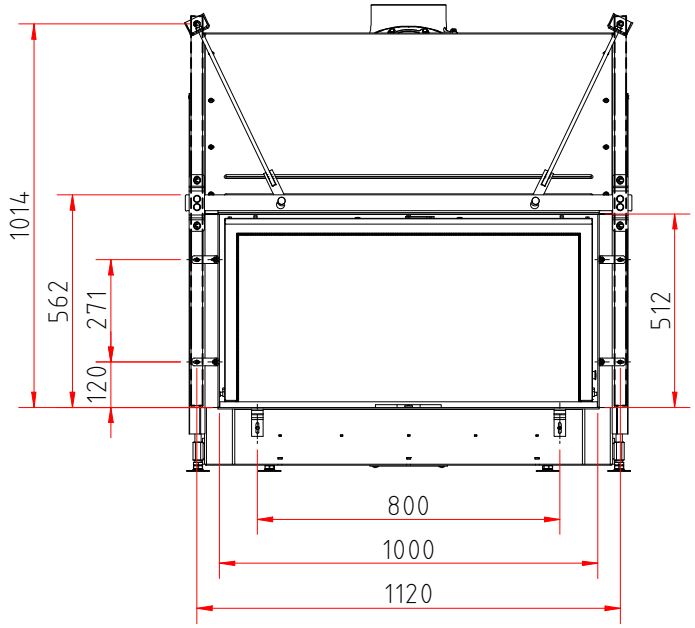
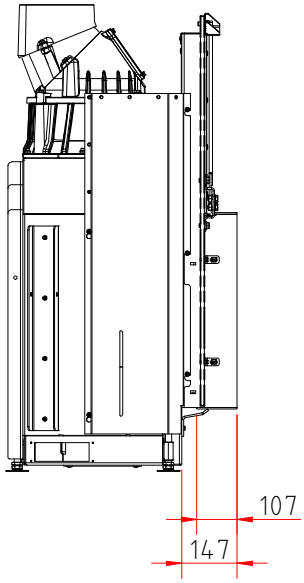
Lina 10051 h Kristall+

Dimensional drawing with frame system

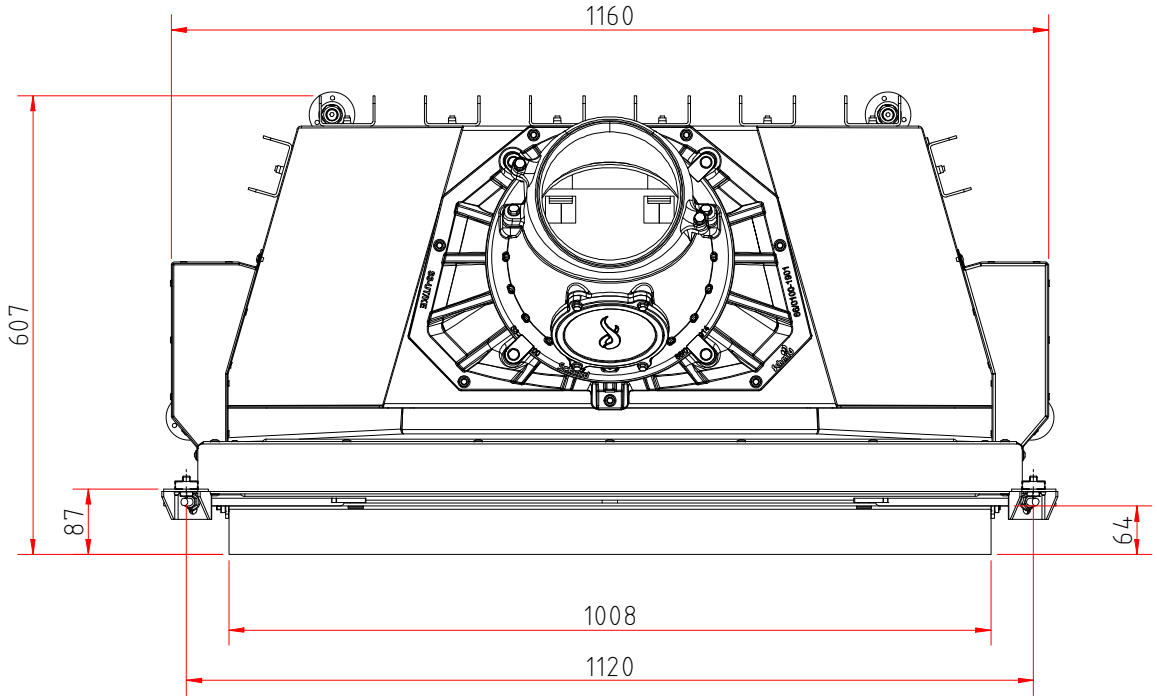
Front view, scale 1:20



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

	Lina 100 h, Lina TV 100 h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Lina 100 h, Lina TV 100 h
Energy efficiency class:	A
Direct heat output (kW)	10,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	103,4
Energy efficiency at nominal heat output (%):	78,2
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

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Camina Schmid **Lina 100 h, Lina TV 100 h**

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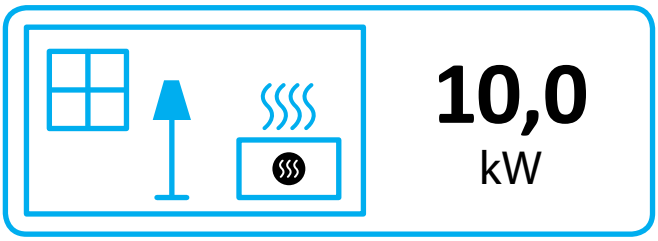

10,0
kW

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