

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: "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

Technical data



Lina 100 with guillotine front

Nominal heat output Thermal output range . Efficiency . Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)

•	Combustion air connector	Ø 150 mm
٠	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
Da	ta for closed design	

•	Minimum	heat-emitting surface ²	4.4 m	2
		fielde entiteening out raoo		

¹The 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

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Kristall front



h



Optional

Standard

10 kW

>78%

60 mm

3.2 – 10.9 kW





Double glazing Combustion air connector





Frame



Accessories





SMR



Energy efficiency

Made in Germany



class in accordance with (EU) 2015/1186 Control Ordinance







Lina 100 h Dimensional drawing



Top view, scale 1:10



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Lina 10051 h

Dimensional drawing with frame system



Top view, scale 1:10



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Lina 10051 h Kristall+ Dimensional drawing with frame system



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:	А
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!

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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

Name and address of the manufacturer: Camina & Schmid Feuerdesign und Technik GmbH & Co. KG Model identifier: Lina 100 Equivalent models: – Test reports: RRF – 29 06 1074 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): 103.4

	Preferred fuel (only one)	Other suitable	n	Emissions at nominal heat output (*)				Emissions at minimum thermal output (*) (**)			
Fuel			., [x%]	PM	OGC	CO	NOx	PM	OGC	CO	NO _x
		Tuer(s)		[×] mg/Nn	n³ (13 % () ₂)	[×] mg/Nm	1 ³ (13 % () 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	10.01111	Type of thermal output / Room temperature control	
 Nominal heat output P_{nom} 	10.0 kW	(please select one)	
 Minimum heat output P_{min} 	_	 One-stage thermal output, no room temperature control 	yes
Auxiliary power consumption		 Two or more stages, no room temperature control 	no
 At nominal heat output el_{max} At minimum heat output el_{min} 		 Room temperature control by a mechanical thermostat 	no
 In standby mode el_{se} 	-	 with electronic room temperature control 	no
		 with electronic room temperature control and daytime control 	no
Fuel efficiency (based on the calorific value (NCV))		 with electronic room temperature control and weekday control 	no
- Fuel efficiency at nominal heat output , $\eta_{\mbox{\tiny threm}}$	78.2 %		
* Fuel efficiency at minimal heat output, $\eta_{\mbox{\tiny thmin}}$	_	Other controls (more than one answer is possible)	
Power requirement of the pilot flame		 Room temperature control with presence detection 	no
 Power requirement of the pilot flame (if present), P_{pilot} 	-	 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!

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