Lina TV 45 h/s

Data sheet

Details

- Fireplace insert as tunnel version
- 4545 – Height 45 cm
  4551 – Height 51 cm
  4557 – Height 57 cm
- Self-closing door
- 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 TV 45 with guillotine front side and hinged rear side

Technical data

Nominal heat output	7 kW
Thermal output range	3,4 – 7,8 kW
Efficiency	>78 %
Insulation thickness (with wall that does not need to be protected) (based on SILCA® 250KM)	60 mm
Combustion air connector	Ø 125 mm
Recommend length of logs	33 cm
Weight	210 – 230 kg
Heat distribution through the viewing window	50 %
Heat distribution, convective output	50 %

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

Triple values with nominal heat output

Flue gas mass flow	7,5 g/s
Flue gas temperature	330 °C
Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

Firing power	18,2 kW
Flue gas mass flow	14,7 g/s
Flue gas temperature upstream of the connecting surface	337 °C
Required delivery pressure at the flue gas connector	15 Pa
Combustion air requirement	63,9 m^3/h
Recommended flue length[1]	3,5 m

Data for closed design

Minimum heat-emitting surface[2]	2,4 m^2

[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 cm^2.

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

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

Standard

- Tunnel version
- Kristall front
- Guillotine door (rear side hinged door on left)
- Guillotine door (rear side hinged door on right)
- 125 mm Combustion air connector

Optional

- Double glazing
- 150 mm Combustion air connector

Accessories

- SMR
- Hot water top-mounted element R

A

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

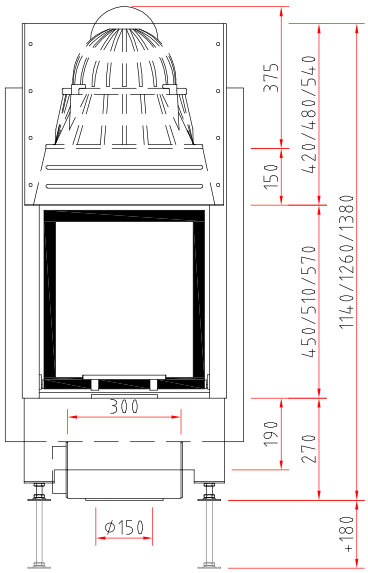
1. Federal Emissions Control Ordinance Stage 2

Made in Germany

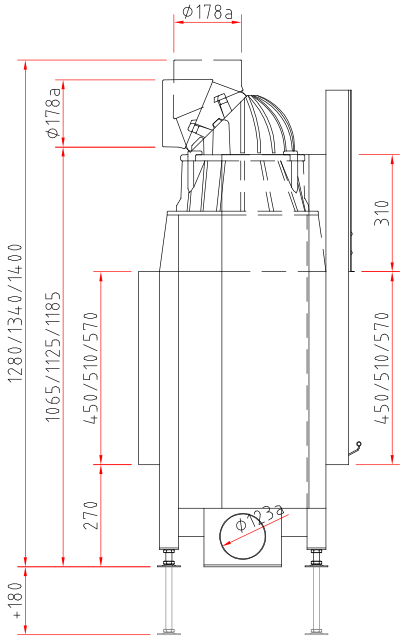
Lina TV 45 h/s

Dimensional drawing

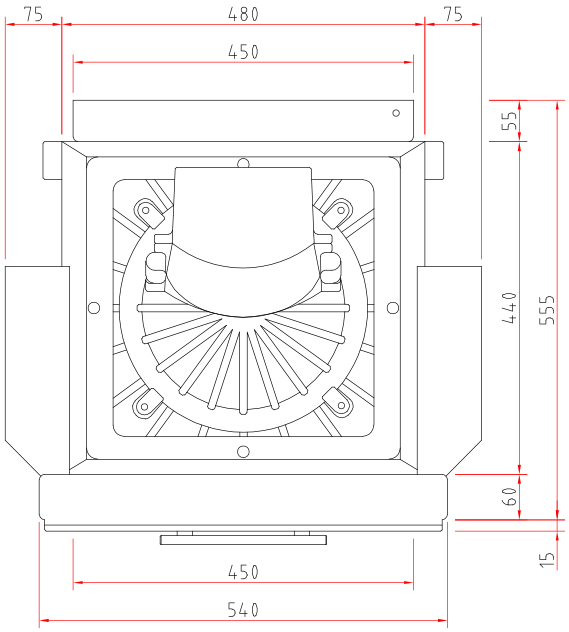
Front view, scale 1:20



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 45 s/h, Lina TV 45 s/h
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Lina 45 s/h, Lina TV 45 s/h
Energy efficiency class:	A
Direct heat output (kW)	7,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	103,7
Energy efficiency at nominal heat output (%):	78,4
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 45 s/h, Lina TV 45 s/h**

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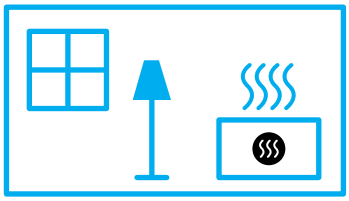

7,0
kW

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