

Luna Insert

(ST-001)



 Chimney

 Chimney pipe

 Pipe connection

 Outside wall

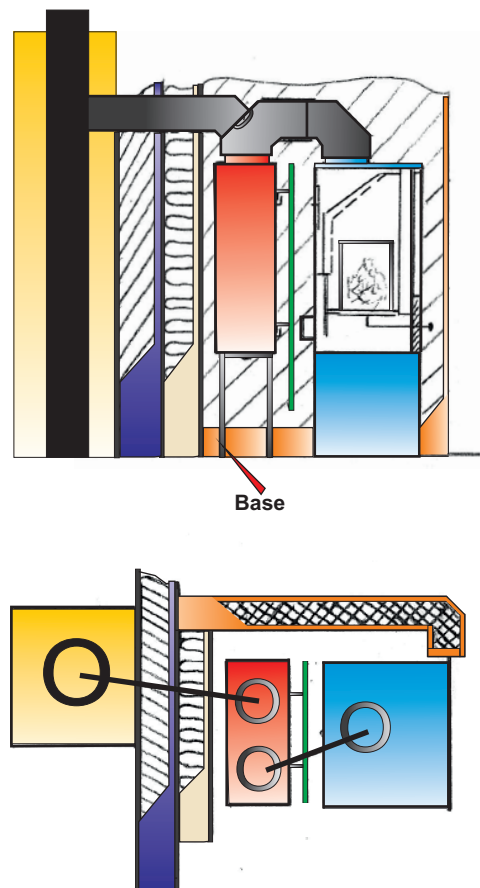
 Insulation

 Heat channels
(cast iron or steel)

 Security distance
shield

 Insert Luna

 Choice of Coverings



The Luna insert is the foundation for your very own, tailor-made fireplace. It can be installed as the centrepiece of a design created entirely around your tastes and the proportions of your room. The stove offers plenty of flexibility: The insert can be installed with or without an additional heat-channel-module, and thanks to its removable base, it can also be slid onto a supporting frame or positioned on an existing hearth.

A fireplace is often far more than just a source of heat. It becomes the natural focal point of the room and an essential part of everyday living. Yet many older stoves no longer meet modern standards for clean combustion and efficiency. That is where the Luna insert proves its worth. Designed around commonly used existing dimensions, it is also an excellent option for replacing an older appliance without the need for major structural alterations. Made entirely from solid cast iron, it ensures lasting durability and reliable performance for years to come.

Technical Data

Efficiency : 75,7 %
 Nominal heat output : 7,9 kW
 Heat output range : 6,5- 9 kW
 1. BlmSchV - Stufe 2 : Fulfilled
 Ecodesign 2022 : Fulfilled

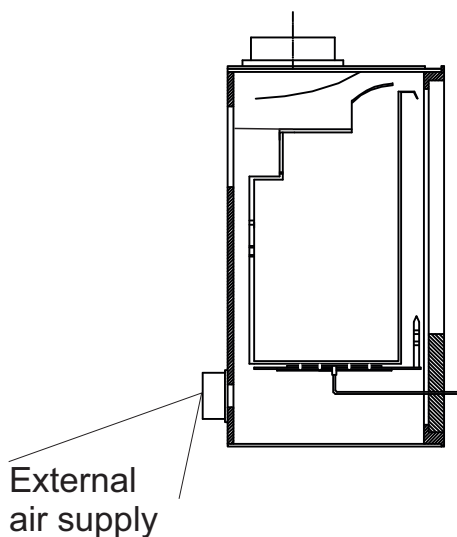
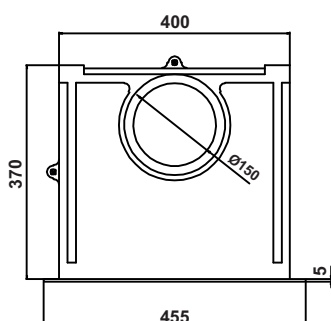
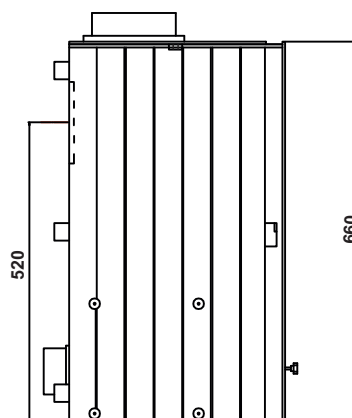
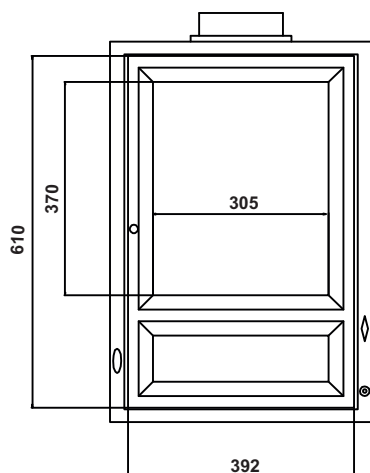
Flue gas temperature : 281 °C
 Flue gas temp. at the collar : 337 °C
 Flue gas mass flow : 8,7 m (g/s)
 Flue draught : 12,0 Pa
 Mean CO₂-concentration : 8,43 %

Energy efficiency
 class:



Luna Insert

Drawings, measurements and technical information

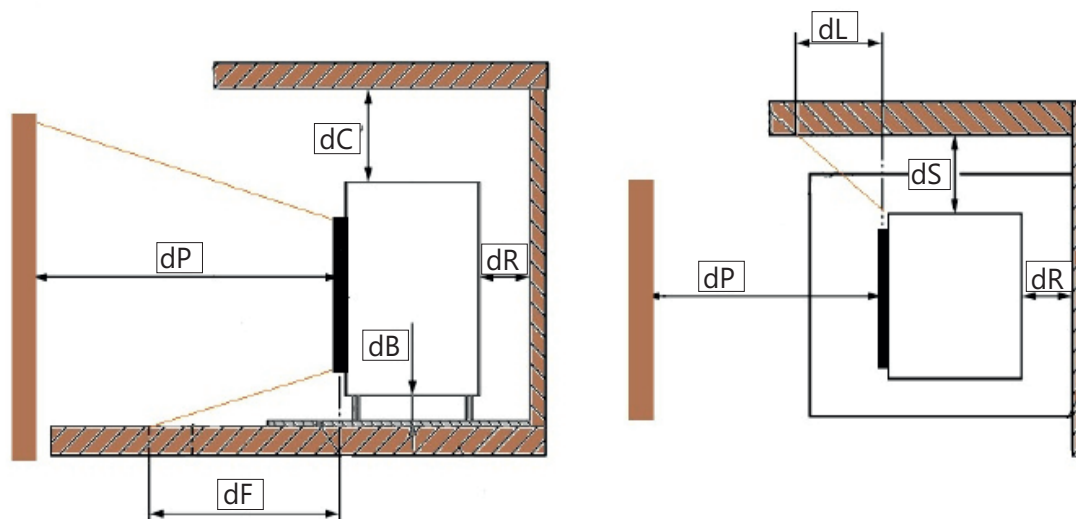


Extra details/Technical information

Measurements in mm HxWxD	Combustion chamber in mm HxWxD	Stove window in mm HxW	Door opening in mm HxW	Colour	Combustion chamber material	Weight	Flue collar Ø in mm	Flue collar exit
1065x400x370	450x295x275	370x305	350x295	Black	Cast Iron	ca. 130 kg	150	Top /Rear
Fuel	Air control	Primary air	Secondary air	Tertiary air	Rotating grate	Ash pan	Bauart	Type of appliance
Wood	Primary air slider Secondary air slider	Yes	Yes	Yes	Yes	Yes	Type 1 (self-closing door)	Intermittent
Emissions		CO: ≤ 1250 mg/m ³		NOx: ≤ 200 mg/m ³		OGC: ≤ 120 mg/m ³		Dust (PM): ≤ 30 mg/m ³

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Safety distances



The insert must be installed in a fireproof, non-combustible structure. Depending on the specific installation conditions, specific thermal protection measures may be required. All local, national and European regulations governing custom-built stoves, e.g. the TROL in Germany, must be observed, together with all applicable building and safety regulations.

Minimum safety distances from combustible materials and the front / viewing window:

dF = 20 cm
dP = 100 cm
dL = 40 cm

Also, do not install the appliance directly on combustible or heat-sensitive flooring. In such cases, a non-comustible hearth plate / covering must be used. This must extend at least 50 cm in front of the door opening, and at least 30 cm to each side beyond the door opening. Always follow local and national fire-safety regulations when selecting and installing floor protection.