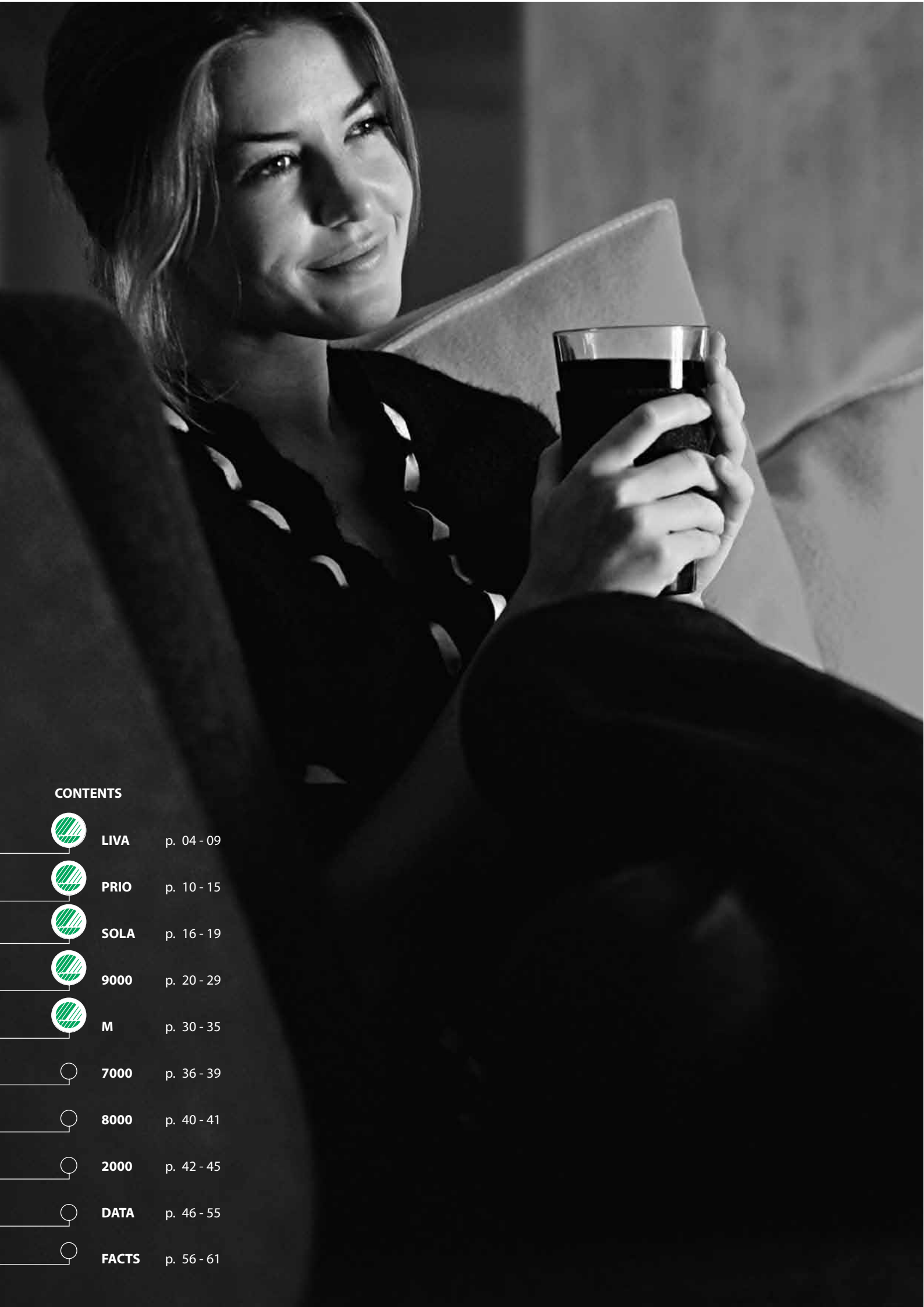
LOTUS
www.lotusovne.com

Heating from within...



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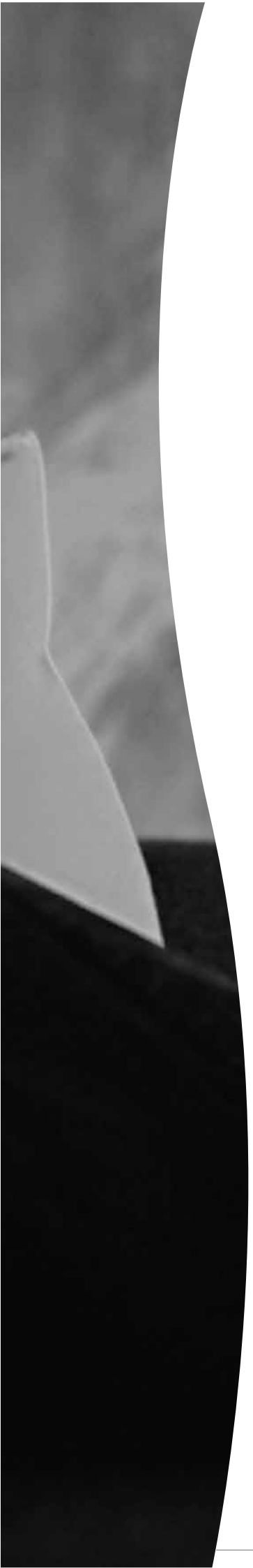
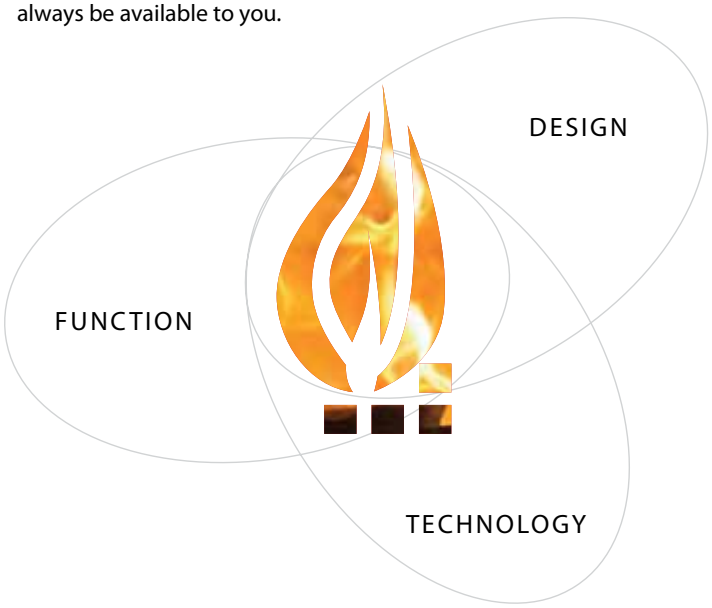


Danish Design – Focusing on Functionality

Wood stoves should be easy to operate, attractive and environmentally friendly. We have thus opted to give top priority to quality and functionality in our design philosophy as well as in our choice of materials. All our stoves are tested by recognized test authorities, so as to warrant that a Lotus will always meet the most stringent environmental requirements.

The Lotus range has been created in close cooperation between Architect Kaare Solvsten, technicians and suppliers from all over the world. We combine Danish design tradition with the best quality components, creating products incorporating outstanding design, functionality and technology.

We have been producing wood stoves since 1979. Our range now includes ten unique design series which may all be supplemented with various accessories. The stove matching your home best and meeting the needs of your family fully will always be available to you.



DESIGN: Design is about attitudes and values.
Lotus prioritizes quality and functionality in design and choice of materials.

FUNCTION: A wood stove should be easy to operate so all Lotus stoves are designed with a view to user friendliness

TECHNOLOGY: Technology is made to serve functionality.
Consequently, all Lotus stoves are designed with special attention to smooth operation and maintenance.

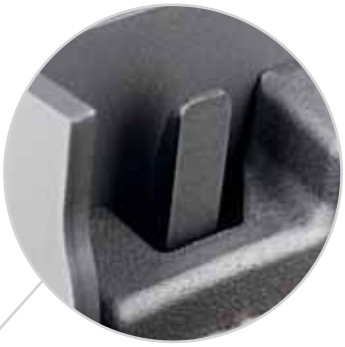
The officially recognized Nordic ecolabel makes it easier for users to find environmentally friendly products quickly. Once a product has been ecolabelled, it will warrant that:

- The product is among those having the least environmental impact within its category
- The product is safe to use
- The quality is of the highest order

The granting of the ecolabel is an ongoing process and there may be stoves which have been approved after the issue of this brochure. A current list is available at www.lotusovne.com

Lotus LIVA – your wood stove design delight

The two-point closing ensures that the door will close tightly. Also, the packing may be changed without using any tools.



LIVA 2 G

The built-in drawer section for accessories and kindling material is provided with magnetic closing.

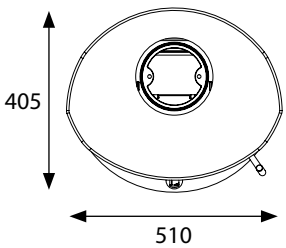
The combustion chamber is covered with the Skamol insulating material, contributing to a higher combustion temperature, more efficient fuel use, easier kindling and cleaner combustion. Further, the two side windows allow for a fine view of the flames.

LIVA 3 G

With soapstone top

LIVA 1 G

With soapstone top



Height

LIVA 1 G: 852 mm

LIVA 2 G: 1002 mm

LIVA 3 G: 1197 mm

Lotus LIVA – Offering countless options

LIVA 1

LIVA 1 s

With soapstone

LIVA 2

LIVA 2 s

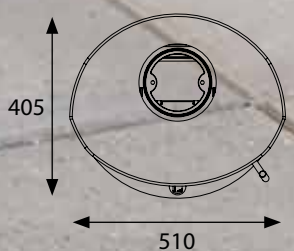
With soapstone

LIVA 3

LIVA 3 s

With soapstone

LIVA 4 G
wall-hung



Height
LIVA 1: 852 mm
LIVA 2: 1002 mm
LIVA 3: 1197 mm
LIVA 4 G: 796 mm

Lotus PRIO – a comfortable feel and view

The PRIO series is characterised by clean and fluid lines, clear glass and fine Danish design, whether you opt for the elegant PRIO 5, the modern PRIO 6 with side viewing windows, the unique PRIO 3 on its column or the wall-hanging PRIO 4. All PRIO stoves have been created in true Danish style and with true Danish craftsmanship.

The abundant individual choice offered makes it easy to be warm and comfortable whether the room is large or small.

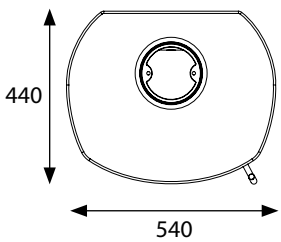
PRIO 6

Lotus PRIO – whenever a larger stove is required

PRIO 5

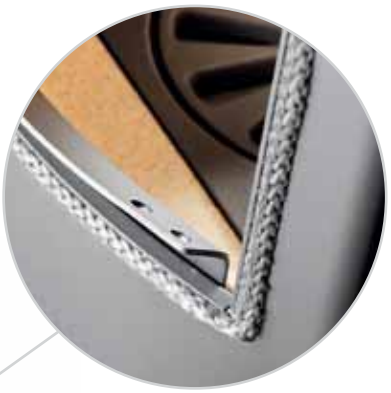
PRIO 5 s
With soapstone

PRIO 6 s
With soapstone



Height
PRIO 5, PRIO 5 s,
PRIO 6 & PRIO 6 s: 1110 mm

The large side windows provide a better view of your fire and gives you a true appreciation of having a woodburning stove.



All Lotus stoves have a ceramic door packing, easy to change without using any tools, or without subsequent use of glue.
Probably the best packing solution on the market.

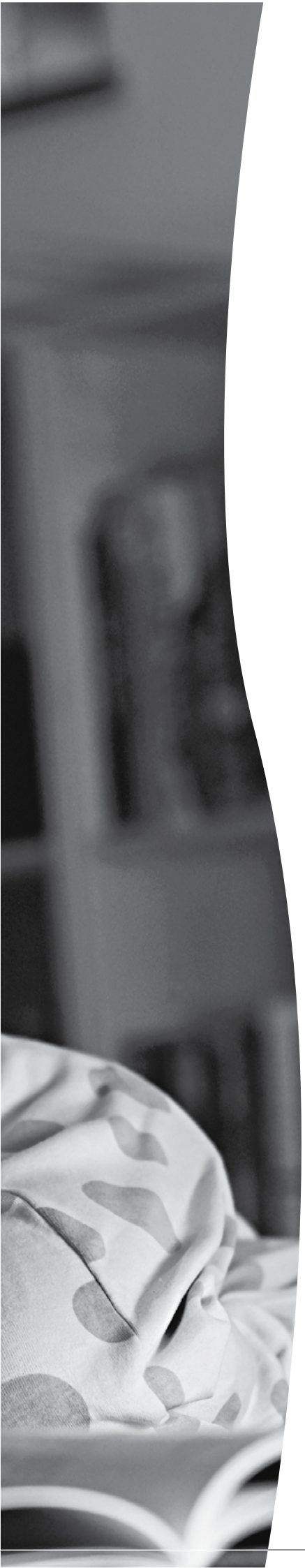
The elegant curved door handle, in stainless material, rounds off the stylish appearance of this stove while providing a reliable closing mechanism.

Practical and elegant handles, as a special feature cast in stainless material.
Providing easier control of combustion and riddling grate.

The firewood compartment provides room for storage of accessories as well as kindling material.

PRIO 6

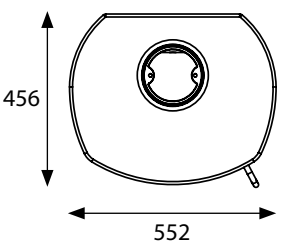

Heating from within...



Lotus PRIO – characteristic models

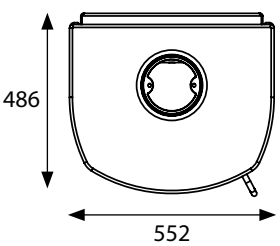
Our range includes the Lotus PRIO 3 and PRIO 4 – two unique stoves which provide comfort and warmth whilst being elegant additions to any room.

PRIO 3



Height
PRIO 3: 1160 mm

PRIO 4 Wall-hung



Height
PRIO 4: 799 mm

Lotus SOLA – Pleasure worth every penny

Be your preference for a traditional wood stove, or for a wood stove with plenty of heat storage, Lotus SOLA will be a natural choice for you. SOLA is characterized by its tall, slender door, generating an extraordinary experience of the fascinating play of the flames. SOLA and SOLA S, with soapstone covering, are slender and elegant stoves. Its round shape and a depth of just 38.5 cm make this stove easy and natural to place regardless of its intended position in the room.

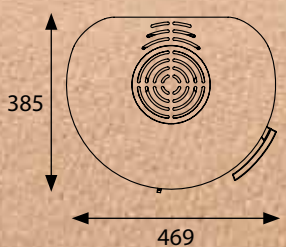
A cleaner glass window, and thus a better view of the fire, is provided by the airwash function see (page 58).

The door handle is made of cast stainless steel and adapts well to the curved shape of the door. Further, due to this placing the handle will not become hot.

SOLA

SOLA

Steel



Height
SOLA 1054 mm

SOLA M

Soapstone with storage mass

A wood stove with heat storage has become the preferred choice of many customers. Both SOLAM and SOLA MST have been designed to store an optimal amount of heat.

The combustion chambers are lined with materials which allow the heat to pass through the combustion chamber sides, generating optimal use of the storage mass with heat release of up to 14 hours. Unlike most other stoves the Lotus heat storage stoves will also become hot in the lower part of the storage mass.

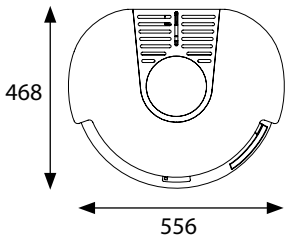
With their weight of around 350 kg, SOLA M and MST cover the spectrum between the ordinary wood stove with storage mass, and the large stoves with heat storage such as the Lotus M, QM or MQM.

SOLA S

Soapstone

SOLA MST

Steel with storage mass



Height
SOLA MST 1226 mm

The door of the 9000 series is made of cast iron, for a fine surface structure

A cleaner window, and thus a better view of the fire, is provided by the window airwash function.

9110
Soapstone top

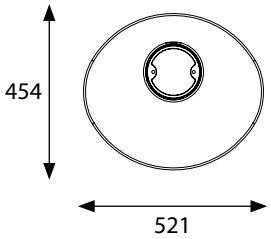
The door of the fire section is provided with an elegant easy-push opening and closing function.

Cast stainless operating handles round the finish off the elegant design of this stove.

Lotus 9000

– a further development of the classic wood stove

Lotus 9000 stoves are marked by their elegant, timeless design.
The simple lines of the classic stove have inspired the creating of a series of stoves in modern designs, offering an abundance of choices. Tall or short, clad in steel, stainless steel, ceramics or soapstone – Lotus 9000 series stoves just have it all.
Its modern design is underlined by the elegant operating handles cast in stainless steel. All Lotus 9000 stoves are equipped with a self-locking door system. When the door is shut by pushing, the door itself will close and lock, using the same principle as a car door.



9110

Height
9110: 965 mm

Lotus 9000 – individual potential offered by flexible design

9030

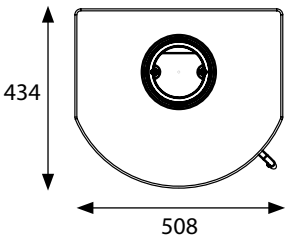
With soapstone

Lotus 9030 *is a wonder to behold - and financially sound to own. Solid soapstone covering combines the quick heat distribution of the wood stove with the slower heat release of the mass stove.*

9080

With soapstone

Lotus 9080 *has the same sophisticated combustion chamber technology as that of the 9030. This stove has been made with solid soapstone sides and soapstone top - a natural product possessing a unique ability to store heat and release it slowly.*



Height

9030: 980 mm

9080: 1180 mm

9110

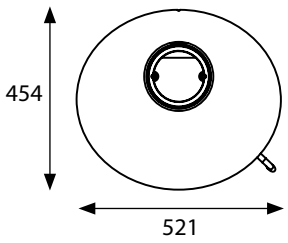
9130
With soapstone

9120
with stainless steel sides

Lotus 9110, 9120 and 9130

The modern successor to the classic Scandinavian wood stove, characterized by its oval forms and its various forms of cladding.

It is a pleasure to view its large glass window, its modern lines, and its oval form – whether it stands against a wall, in a corner or in the centre of the room.



Height
9110, 9120, 9130: 965 mm

Lotus 9160, 9170 and 9180

Lotus 9160, 9170, and 9180 are tall classic variants in a class all by themselves. These stoves are available with a steel plate or soapstone plate of your own choice. The large round steel or soapstone top plate rounds off its oval form in a classic and harmonious fashion. For accessories, you may select a crescent-shaped soapstone top plate, giving a more modern effect.

9160

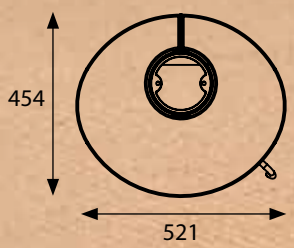
9170
with stainless steel sides

9180
with soapstone and crescent-shaped soapstone top plate

Height
9160, 9170, 9180: 1165 mm

9180
with soapstone

9160
With tile top.
Lotus 9110, 9120, 9160, 9170, as well as models 7110 to 7190, are available with ceramic top plate in colours 61660, 85890, and 64693.
For a view of all colours, please refer to page 29.



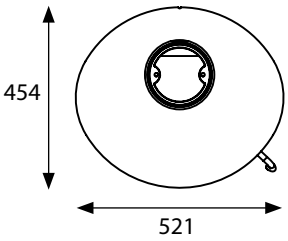
Height
9160, 9170 & 9180 : 1165 mm


NORDIC ECOLABEL

Lotus 9000 – colourful delight in several variants

9190

90901



Height

9140: 975 mm

9190: 1175 mm

9140

For those who prefer colours and ceramics, Lotus offers a wide selection. Eight different colours and two models will allow you to select the colour and combination best suited to your home.

*) Further, Lotus 9110, 9120, 9160, 9170, as well as models 7110 to 7190, are available with a ceramic top plate in colours 61660, 85890, and 64693.

*64693 **
Available as top tile

90901

49400

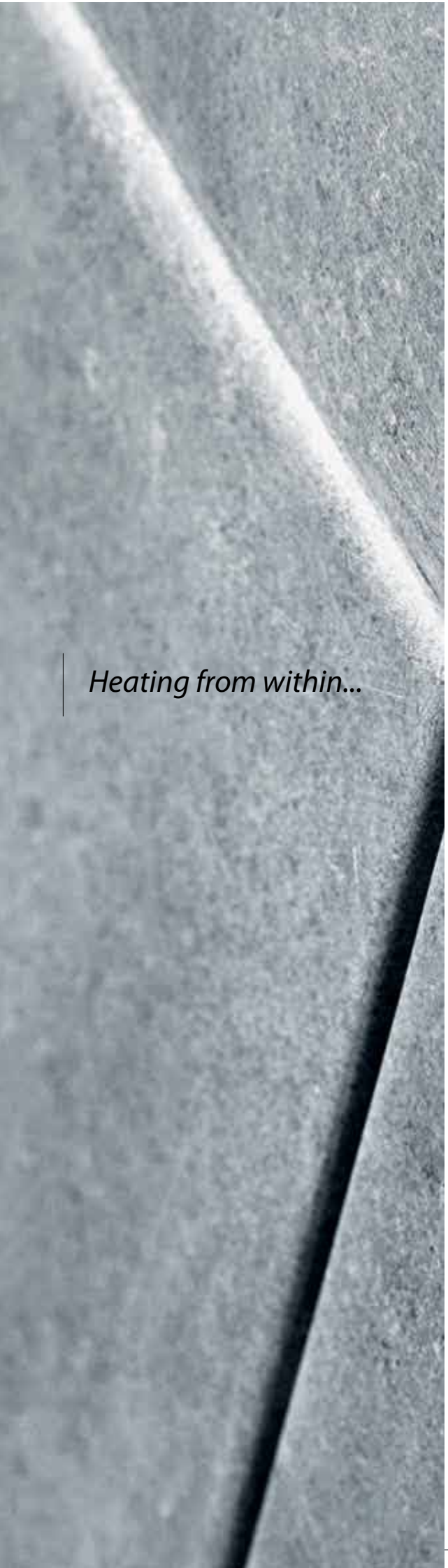
28440

35300

*61660 **
Available as top tile

*85890 **
Available as top tile

63600



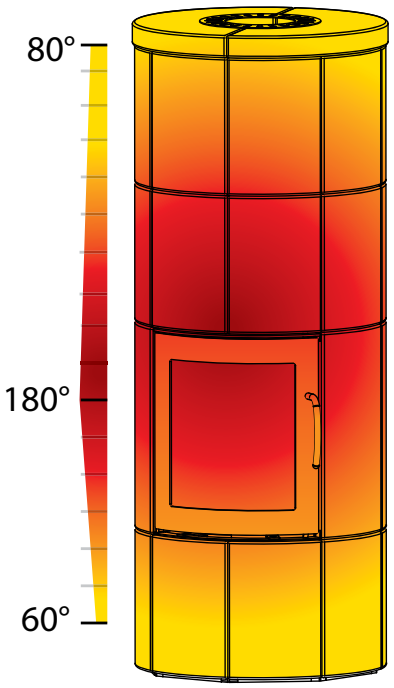
Heating from within...

Heat – Soapstone Benefits...

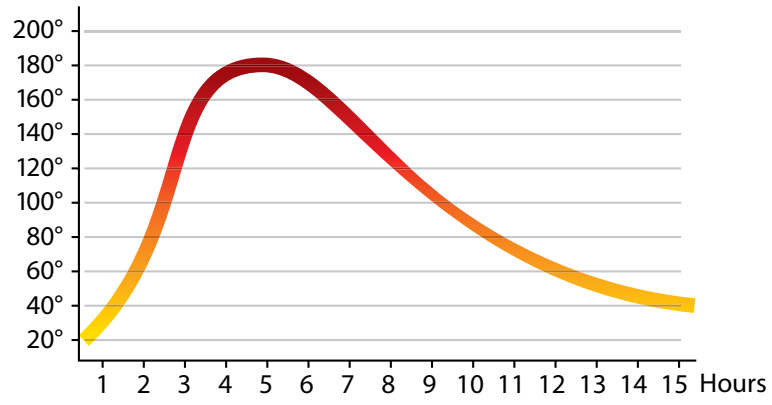
The Lotus M series combines the best of the mass stove with the best of the wood stove. Its solid weight and its special design combine the mass stove capacity to store and slowly emit heat with the calm and controlled burning of the wood stove, as well as its capability of distributing the heat quickly. As a very special feature, this stove is equipped with a facility for choosing whether the heat distribution is to run quickly (convection heat) or slowly (radiation heat). When opting for slow heat distribution, a higher soapstone temperature will also be built up. This can be achieved by using the right hand slide handle under the door.

The combustion chambers of all Lotus storage stoves are covered with materials which allow the heat to pass through the combustion chamber and into the storage mass, thus providing optimal use of the storage mass and allowing heat mass for up to 15 hours. Compared with most other stoves, Lotus stoves will also heat the lower part of the storage mass, thereby achieving optimal utilization of the total stove mass.
The heavier a stove, the more heat it will store and subsequently emit.

Temperature Distribution



Temperature



Kindling and putting on wood two or three times.

Lotus Soapstone Stoves – radiation or convection heat

These stoves are either top or rear flued, with a blanking disk for the top outlet.

Convection and combustion air flow into the bottom of the stove whilst allowing for an external air vent to be fitted.

Elegant stainless steel handles round off the pure design. The slide on the left is for combustion air, and the right hand slide enables you to determine whether the heat distribution is primarily to be conducted by way of radiation or by convection (for more information, please refer to page 58).

The natural material of soapstone has a unique ability to store and slowly emit heat, providing the ideal combination of a traditional mass stove and a modern wood stove

M1

The Lotus M series combines the best of the mass stove with the best of the wood stove. Its solid weight and its special design combine the ability of the mass stove to store and slowly emit heat with the calm and controlled combustion of the wood stove, as well as its ability to distribute the heat quickly. As a very special feature, this stove is equipped with a facility for choosing whether the heat distribution is to be run quickly (convection heat) or slowly (radiation heat). When opting for slow heat distribution, a higher temperature will also be built up in the soapstone. This can be achieved by using the right hand slide handle under the door.

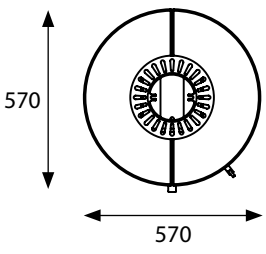
Lotus M – Extraordinary stoves offering extraordinary facilities

M2 ST

M3

M4

With baking compartment – temperature to 220°. Baking compartment optionally available as accessory for M2, M3, and M4.



Height

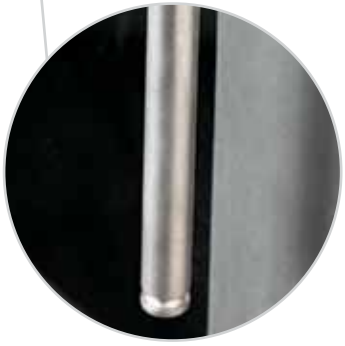
M1:	1143 mm
M2:	1453 mm
M2 ST:	1413 mm
M3:	1763 mm
M4:	1763 mm

The large grate at the top of the stove provides optimal flow of the convection air, for faster heat distribution. When opting for a top flue, the closed part of the cover is removed without any resultant loss of heat distribution

QM 1

QM 2

The elegant stainless steel closing handle has been optimally attuned to the design of this stove, leaving an impression of a perfectly integrated unit.



Lotus QM – strong, streamlined, and sturdy

The QM is a new series of stoves, based on the extensive experience gained with the Lotus M Series, again combining the best characteristics of the mass stove with that of the wood stove. QM1 and QM2 have also been equipped with the unique heat distribution system primarily by way of radiation or of convection. Its square shape makes the relation of this series to the mass stove even more obvious while retaining the calm and controlled combustion of the wood stove.

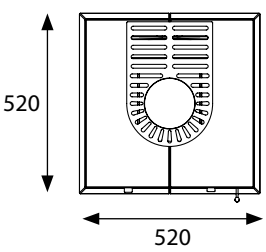
MQM

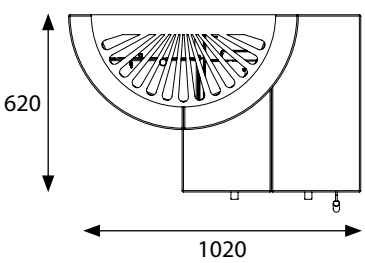
At a total weight exceeding 1,000 kilos, the Lotus MQM is the largest Lotus storage mass stove.

This stove has been designed to function as a primary source of heat too. Its design has been created based on the round shape of the Lotus M, and its square shape deriving from the Lotus QM. The round part works as an additional storage part and is provided with ducts ensuring that the heat is distributed in the unit. The storage part may be placed to the left as well as to the right of the combustion chamber – but, as a standard, is available to the left.

As with all other Lotus storage stoves, this model also allows for determining whether the primary heat distribution is to be conducted by way of convection or radiation heat. This is performed easily by changing the position of the right hand operating handle under the door.

MQM is the perfect stove for anyone wanting round-the-clock heating.





Height
QM1: 1318 mm
QM2: 1650 mm

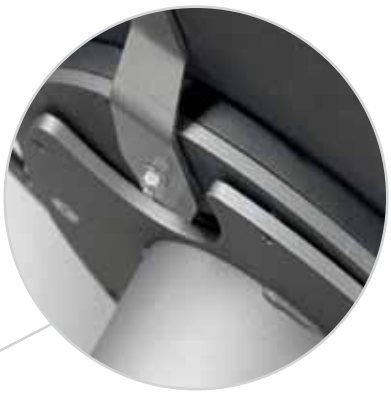
Height
MQM: 1698 mm

Lotus MQM may be placed right to on any type of wall. Supply of convection and combustion air is provided through a grate at the side of the stove.

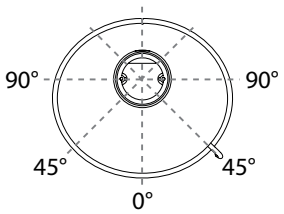
Lotus 7000 – more than a wood stove

The window has an airwash system which sends hot air down over the glass, resulting in less soot and dirt and consequently a better view of the fire

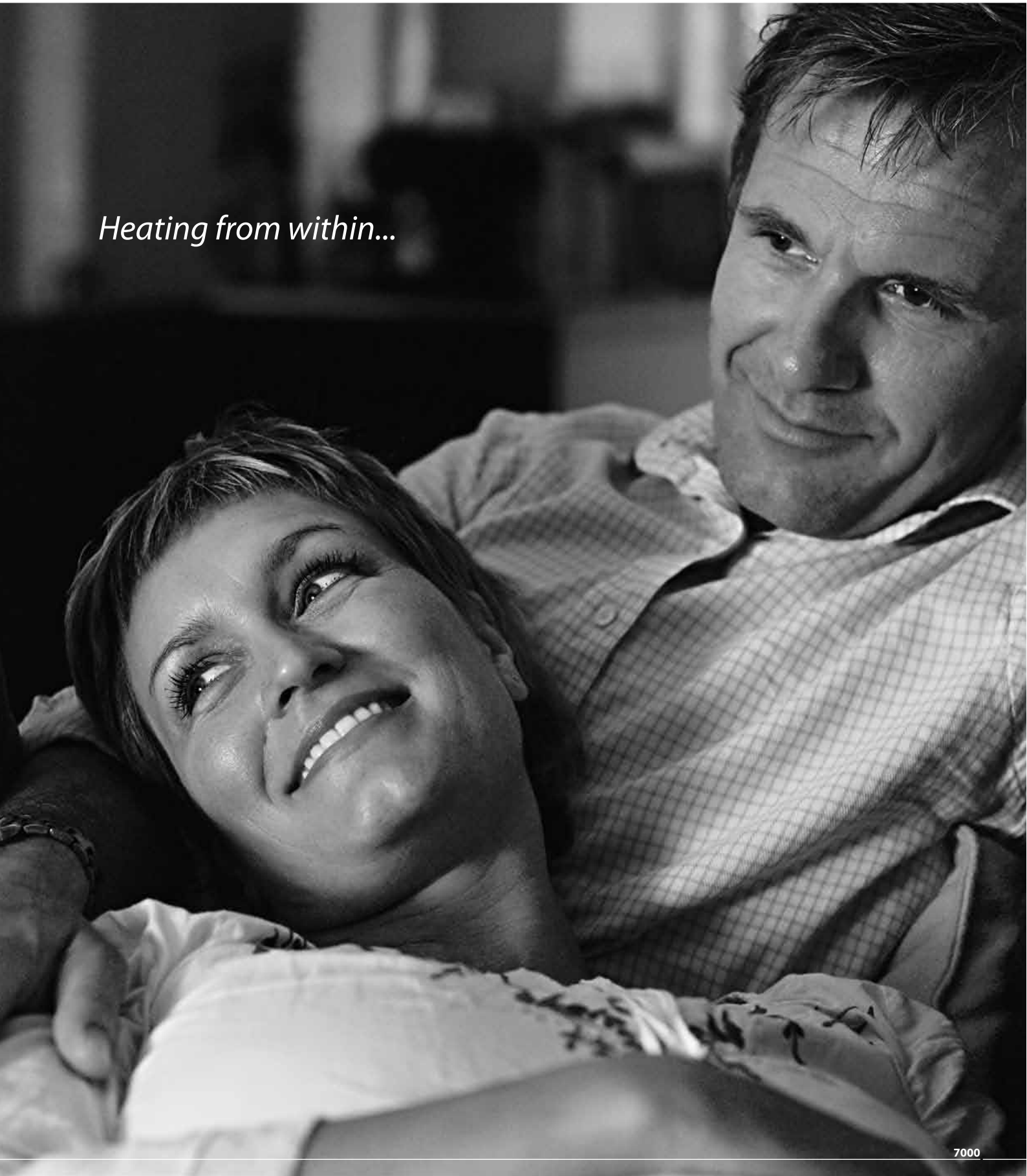
Practical and elegant solutions mark the Lotus 7000. Its riddling grate handle has been placed on the front of the stove, and the ash pan has been concealed behind the door to the combustion chamber.



The Lotus 7140 to 7190 all have a practical turning function and a locking mechanism allowing for a flexible view of the fire as the stove may be turned and adjusted according to wherever you choose to be in the room.



A wood stove is more than an investment in heating. It's central position in your home will require that the design match your furnishings and your lifestyle in an effortless manner. Lotus 7010 is a beautiful, wall-hung stove whereas the Lotus 7100 stoves are on a plinth, making these stoves more slender and elegant that traditional wood stoves. They will fit into more compact homes as well as minimalist surrounds. These stoves are supplied with a rotating function.



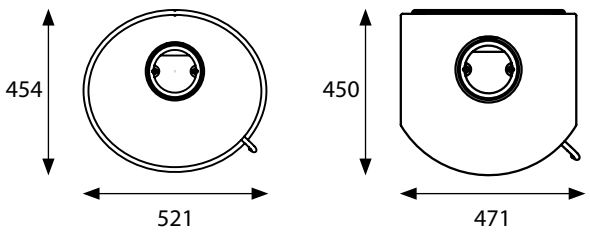
Lotus 7010, 7110, 7120 and 7130

The large, curved window and rotating function of the 7000 series allow for a free view of a unique sense of the fire. Stoves with turning function are available with top outlet only. Make your choice from among sides made of painted steel, stainless steel or soapstone. The top plate is also available in painted steel, soapstone, or in ceramics (see page 29).

Lotus 7010 has become a classic appliance, being one of the first and most popular wall-hung stoves on the market. Its elegant finish with its large stainless operating handles rounds off this picture of the perfect wall-hung stove.

7120
With stainless steel sides

7130
With soapstone



Height
7120 & 7130: 1133 mm
7010: 707 mm

7010
Wall-hung

Lotus 8000 – the biggest – a strong source of heat in its elegant design

The Lotus 8000 has the largest combustion chamber of all Lotus stoves, making this stove a clear choice for a primary heat source, optimal heating facilities, fine design and a good view of the fire.

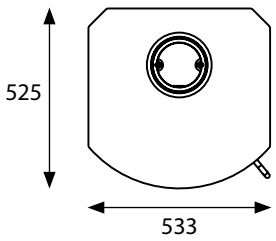
This series is noted for its modern, elegant appearance with stainless steel operating handles and a curved door plate.

8010

Lotus 8010 has a curved front and straight sides. Soapstone top is available as optional equipment.

The big combustion chamber makes this stove perfect for very large rooms, or as a primary source of heat.

The firewood compartment door has been mounted with a practical magnetic closing, as well as plenty of space for accessories and kindling.



Height
8010: 1202 mm

8110

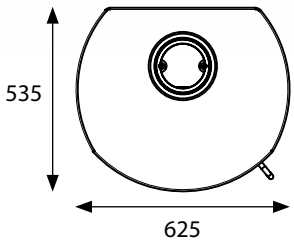
With soapstone top

***Lotus 8110** features clean lines and an oval silhouette. A design to integrate into any home in a seemingly effortless manner.*

8130

With soapstone

***Lotus 8130** is produced in soapstone and weighs more than 300kgs, making this ideal for heat storage capacity*



Height

8110: 1202 mm

8130: 1230 mm

Lotus 2000

– Craftsmanship in a class of its own

The Lotus series is the answer to the demand for a modern stove in a classic design. Its solid weight and form accentuate its classical design. This classic design is further accentuated by the steel bands which hug the stove body. The design is versatile as the Lotus 2060 basic stove can be combined with various sections in the range, making your choice as individual as you are.

Heating from within...

The hearth brick and the lined combustion chamber accentuate the craftsmanship tradition.

To this should be added that the traditional firewood may be supplemented with coal – a mode of operation merely requiring two daily fillings to supply round-the-clock heating for an average housing area. Firing coal will require a coal grate and a flue gas thermometer.

Heavy door hinges, as well as a cast iron door, generating the impression of a modern stove in "old clothing".

2060

The separate cast iron ash pan door underlining the reliable and functional design of this stove.

2060 & 2260

Baking Compartment

2060 & 2660

Firewood base with a practical cover plate rendering the room optimal for storage

2080

Side cladding as well as top plate in soapstone generating more heating hours.

2080 & 2280

Baking compartment with side cladding and top plate in soapstone.

Lotus 2000 – cosiness worth every penny, and more

The Lotus 2000 series has been designed with a view to smooth operating and easy handling, offering facilities such as firewood compartment and/or heating compartment. May also be combined with soapstone side cladding.

The weight of the basic models, combined with the heavy soapstone cladding, give this stove unique heat storage qualities. Turn up the heat, turn down the radiators – for Lotus 2000 is simply a matter of cosiness worth every penny, and more.

Height

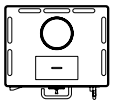
2060:	930 mm
2060 & 2260:	1220 mm
2060 & 2660:	1180 mm

Height

2080 :	930 mm
2080 & 2280:	1220 mm

DATA **2000**

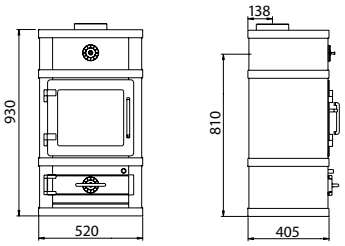
2060



Distance to inflammable:					
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
175 kg	200 mm	200 mm	Wood	10 Pa	8 kW

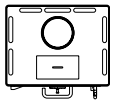
Operating Area	**Room Size**	**Optional Accessories**
5 - 10 kW	75 - 150 m²	Coal grate and blanking plate at rear outlet

Model	**Weight**	
2080	267 kg	Coal grate, blanking plate at rear outlet and soapstone top plate



Soapstone model width 592

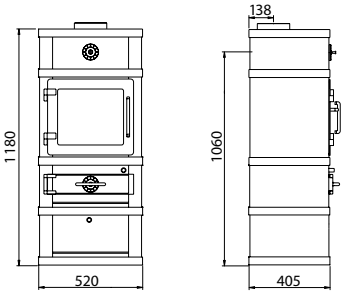
2060/2660



Distance to inflammable:					
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
189 kg	200 mm	200 mm	Wood	10 Pa	8 kW

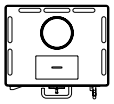
Operating Area	**Room Size**	**Optional Accessories**
5 - 10 kW	75 - 150 m²	Coal grate and blanking plate at rear outlet

Model	**Weight**	
2080/2680	298 kg	Coal grate, blanking plate at rear outlet and soapstone top plate



Soapstone model width 592

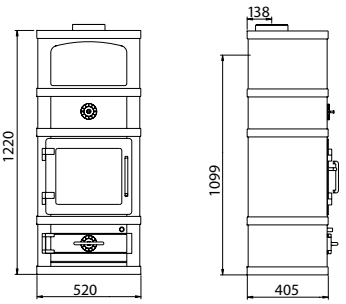
2060/2260



Distance to inflammable:					
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
222 kg	200 mm	200 mm	Wood	10 Pa	8 kW

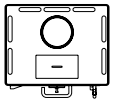
Operating Area	**Room Size**	**Optional Accessories**
5 - 10 kW	75 - 150 m²	Coal grate and blanking plate at rear outlet

Model	**Weight**	
2080/2280	336 kg	Coal grate, blanking plate at rear outlet and soapstone top plate



Soapstone model width 592

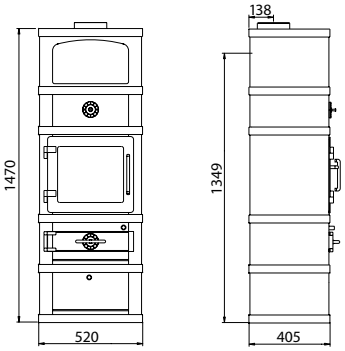
2060/2260/2660



Distance to inflammable:					
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
236 kg	200 mm	200 mm	Wood	10 Pa	8 kW

Operating Area	**Room Size**	**Optional Accessories**
5 - 10 kW	75 - 150 m²	Coal grate and blanking plate at rear outlet

Model	**Weight**	
2080/2280/2680	367 kg	Coal grate, blanking plate at rear outlet and soapstone top plate



Soapstone model width 592

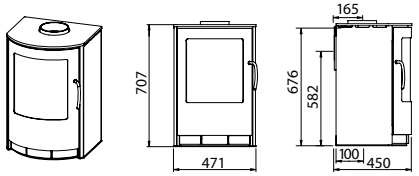
All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

Turning Function

Lotus 7140 – 7190 are all standard mounted with a turning function. This turning function will provide optimal freedom of choice of placing.

Not only can you place the stove in any area of the room but you can also view the fire from every angle.

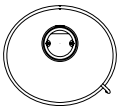
7010

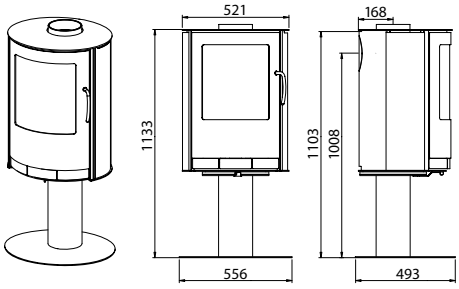


Distance to inflammable:						
Weight	**Side**	**Rear**	**Front**	**Fuel**	**Chimney Draft**	**Nominal Effect**
115 kg	450	100	1000	Wood	14 Pa	4,5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Combustion Air Branch

7110



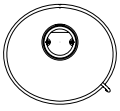


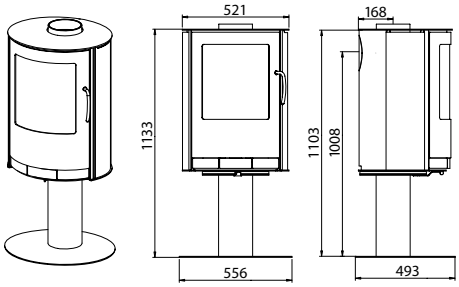
Distance to inflammable:						
Weight	**Side**	**Rear**	**Front**	**Fuel**	**Chimney Draft**	**Nominal Effect**
145 kg	450	100	1000	Wood	14 Pa	4,5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Soapstone top. Ceramic top plate

Model	**Weight**
7120	142 kg
7130	198 kg

7140 (Turnable 2x45°)



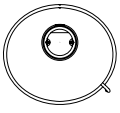


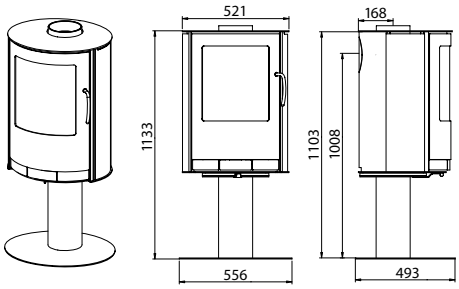
Distance to inflammable:						
Weight	**Side**	**Rear**	**Front**	**Fuel**	**Chimney Draft**	**Nominal Effect**
145 kg	1000	200	1000	Wood	14 Pa	4,5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Soapstone top Ceramic top plate

Model	**Weight**
7150	142 kg
7160	198 kg

7170 (Turnable 2x90°)





Distance to inflammable:						
Weight	**Side**	**Rear**	**Front**	**Fuel**	**Chimney Draft**	**Nominal Effect**
145 kg	1000	550	1000	Wood	14 Pa	4,5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Soapstone top Ceramic top plate

Model	**Weight**
7180	142 kg
7190	198 kg

All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

Combustion Air Branch

Combustion Air Branch

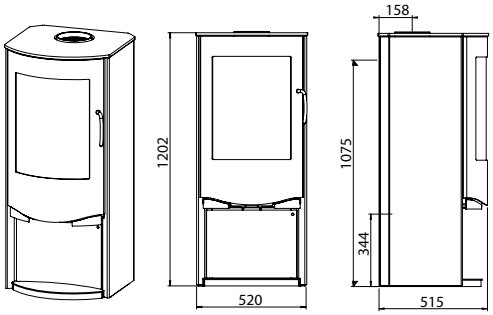
For new and air-tight houses, you may benefit greatly from having your wood stove mounted with an external air vent; the combustion will not be affected by low pressure or the like in your home. Further, the heated air in your home will not be used for combustion, thus allowing greater efficiency of the wood stove.

A combustion air branch has been factory-mounted for all Lotus Liva, Prio, M, QM, MQM, 9000, and SOLA models.

For Lotus 7010 and series 8000, a combustion air branch may be acquired.

DATA **8000**

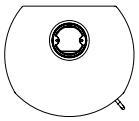
8010

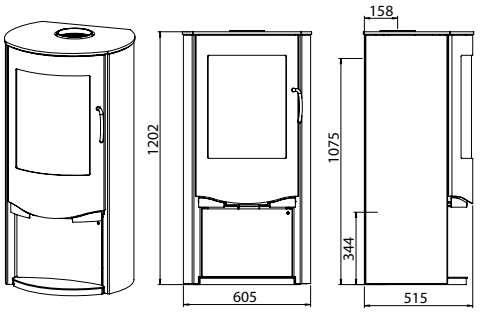


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
194 kg	100 mm	100 mm	Wood	12 Pa	8 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top plate Combustion air branch

8110

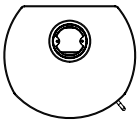


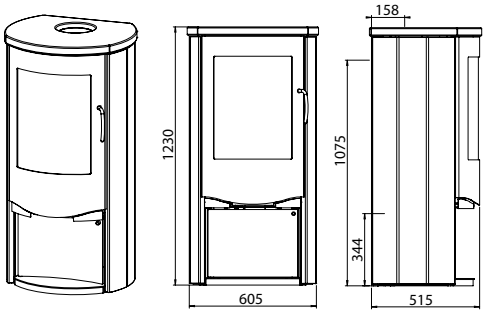


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
196 kg	100 mm	100 mm	Wood	12 Pa	8 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top plate Combustion air branch

8130



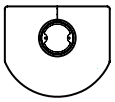


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
350 kg	100 mm	100 mm	Wood	12 Pa	8 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Combustion air branch

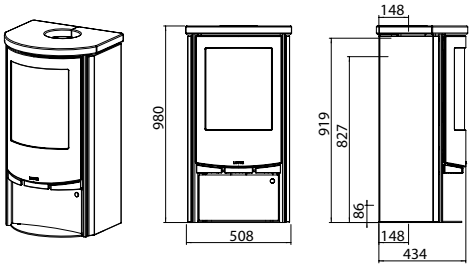
All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

9030

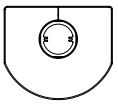


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
197 kg	400 mm	100 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	

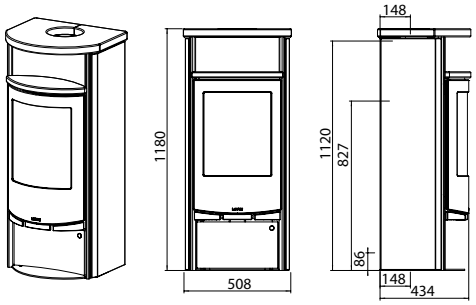


9080

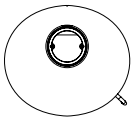


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
218 kg	400 mm	100 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	



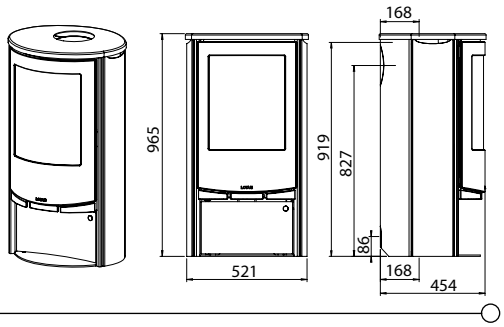
9110



	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
130 kg	400 mm	100 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Soapstone top plate or Ceramic top plate

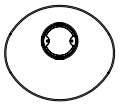
Model	**Weight**	**Model**	**Weight**
9120	128 kg	9130	169 kg



All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

DATA **9000**

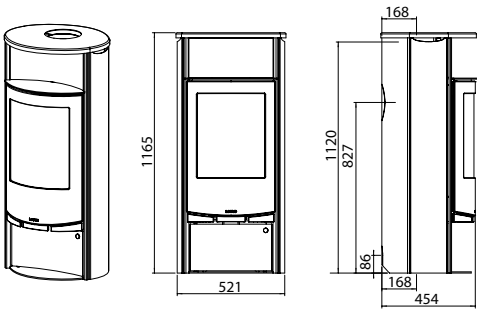
9160



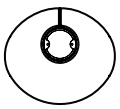
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
160 kg	400 mm	100 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Top plate as well as baking compartment tile in soapstone or ceramics. Crescent-shaped soapstone top plate.

Model	**Weight**	**Model**	**Weight**
9170	157 kg	9180	203 kg

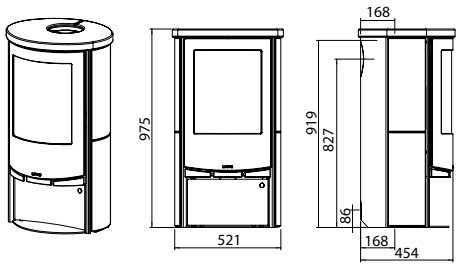


9140 – Tiles

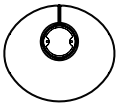


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
145 kg	400 mm	100 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	

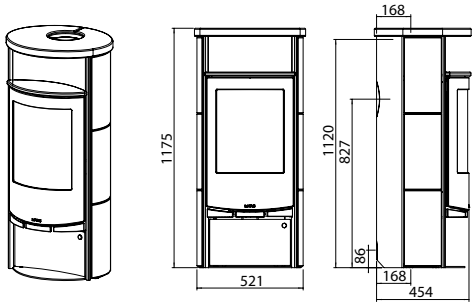


9190 – Tiles



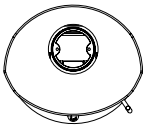
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
180 kg	400 mm	100 mm	Wood	12 Pa	5 kW

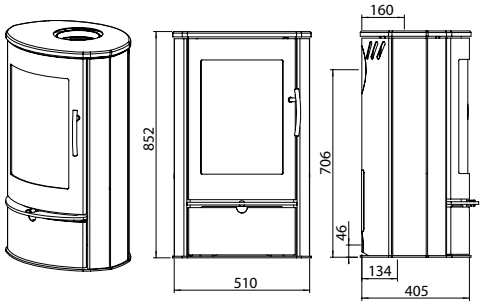
Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	



All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

LIVA 1



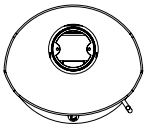


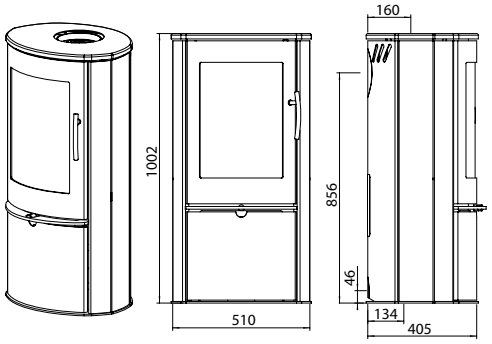
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
121 kg	400 mm	200 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top

Model	**Weight**
LIVA 1 G	126 kg
LIVA 1 S	155 kg

LIVA 2



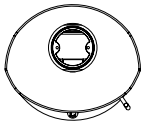


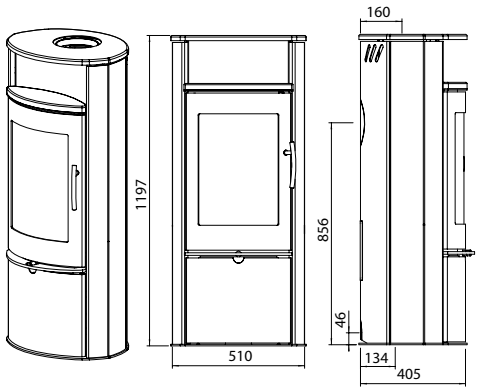
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
134 kg	400 mm	200 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top

Model	**Weight**
LIVA 2 G	135 kg
LIVA 2 S	165 kg

LIVA 3



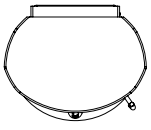


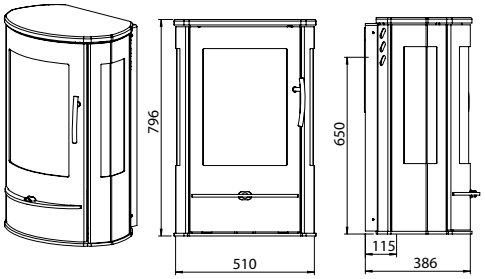
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
149 kg	400 mm	200 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top

Model	**Weight**
LIVA 3 G	150 kg
LIVA 3 S	192 kg

LIVA 4 G





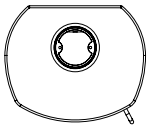
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
110 kg	400 mm	200 mm	Wood	12 Pa	5 kW

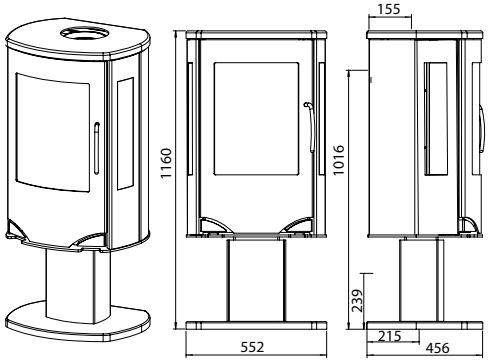
Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	

All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

DATA **PRIO**

PRIO 3

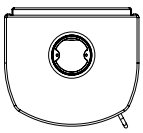


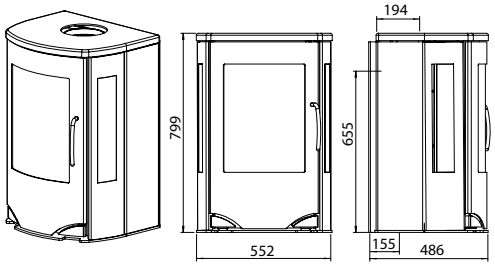


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
171 kg	350 mm	150 mm	Wood	12 Pa	6 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top plate

PRIO 4

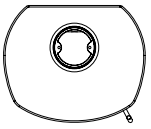


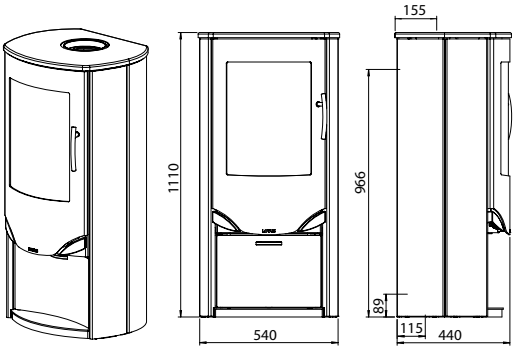


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
160 kg	350 mm	150 mm	Wood	12 Pa	6 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	

PRIO 5



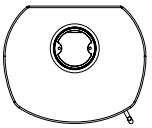


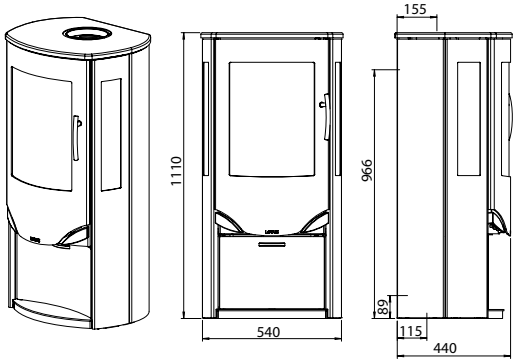
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
164 kg	350 mm	150 mm	Wood	12 Pa	6 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top plate

Model	**Weight**
PRIO 5 S	239 kg

PRIO 6





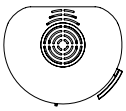
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
164 kg	350 mm	150 mm	Wood	12 Pa	6 kW

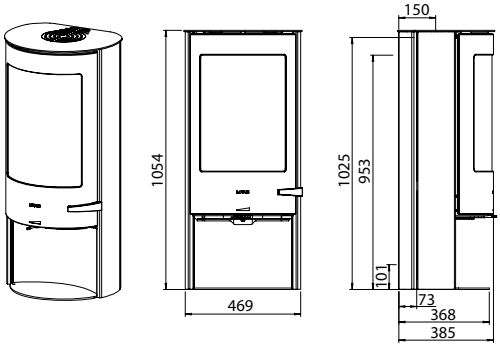
Operating Area	**Room Size**	**Optional Accessories**
3 - 8 kW	30 - 120 m²	Soapstone top plate

Model	**Weight**
PRIO 6 S	226 kg

All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

SOLA



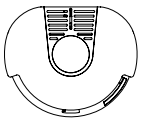


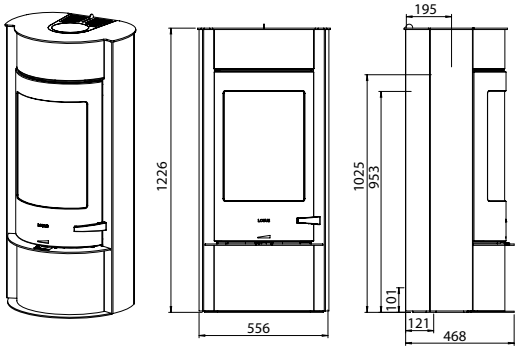
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
127 kg	500 mm	150 mm	Wood	12 Pa	5 kW

Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	Soapstone top plate

Model	**Weight**
SOLA S	147 kg

SOLA M





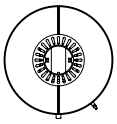
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
356 kg	500 mm	150 mm	Wood	12 Pa	5 kW

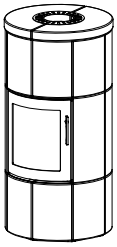
Operating Area	**Room Size**	**Optional Accessories**
3 - 7 kW	30 - 120 m²	

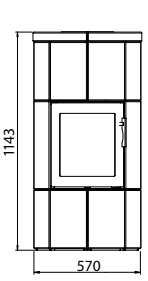
Model	**Weight**	
SOLA MST	326 kg	Soapstone top plate

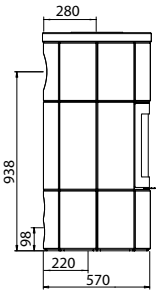
All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

M1





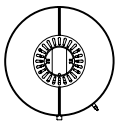


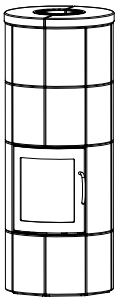


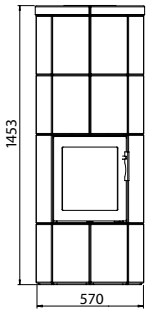
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
435 kg	350 mm	100 mm	Wood	12 Pa	6 kW

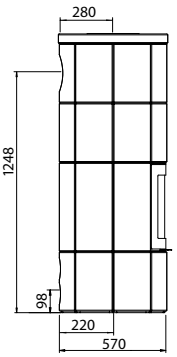
Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 120 m²	Soapstone for rear outlet

M2





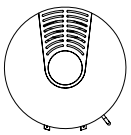


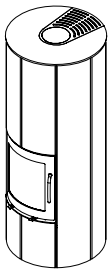


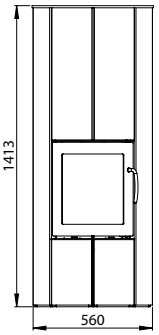
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
545 kg	350 mm	100 mm	Wood	12 Pa	6 kW

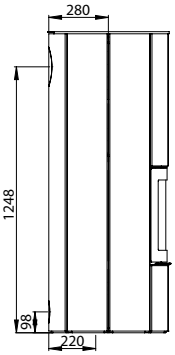
Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 120 m²	Soapstone for rear outlet. Cooking section.

M2 ST





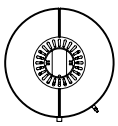


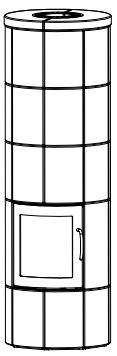


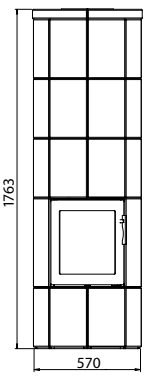
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
465 kg	350 mm	100 mm	Wood	12 Pa	6 kW

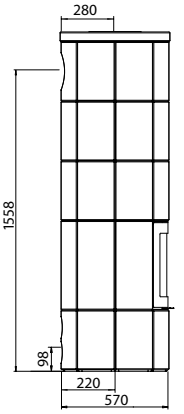
Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 120 m²	

M3









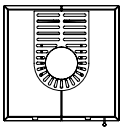
	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
655 kg	350 mm	100 mm	Wood	12 Pa	6 kW

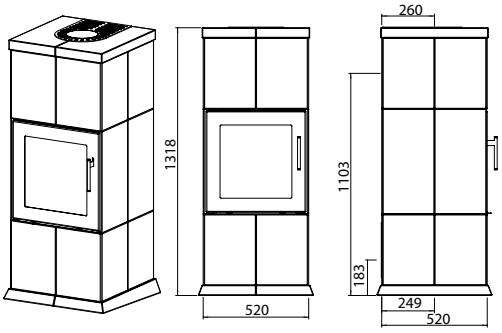
Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 120 m²	Soapstone for rear outlet. Cooking section.

Model	**Weight**	
M4	655 kg	Soapstone for rear outlet. Cooking section.

All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

QM 1

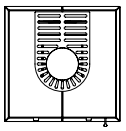


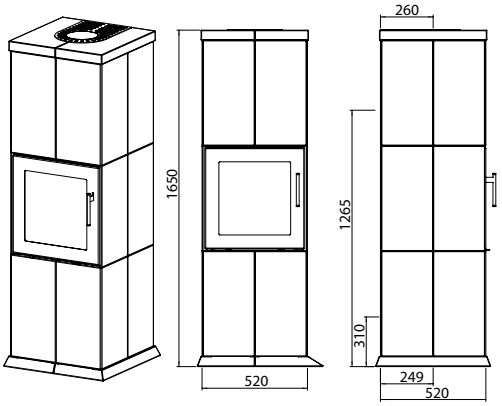


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
525 kg	200 mm	50 mm	Wood	12 Pa	6 kW

Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 140 m²	Soapstone for rear outlet

QM 2

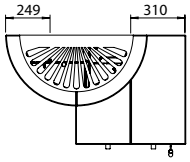


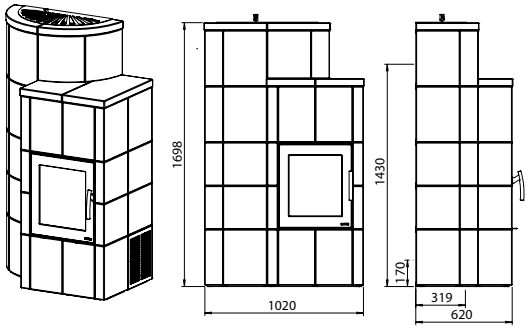


	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
626 kg	200 mm	50 mm	Wood	12 Pa	6 kW

Operating Area	**Room Size**	**Optional Accessories**
4 - 10 kW	30 - 140 m²	Soapstone for rear outlet

MQM *





	Distance to inflammable:				
Weight	**Side Wall**	**Rear Wall**	**Fuel**	**Chimney Draft**	**Nominal Effect**
1015 kg.	50 mm	0 mm	Wood	12 PA	7 kW

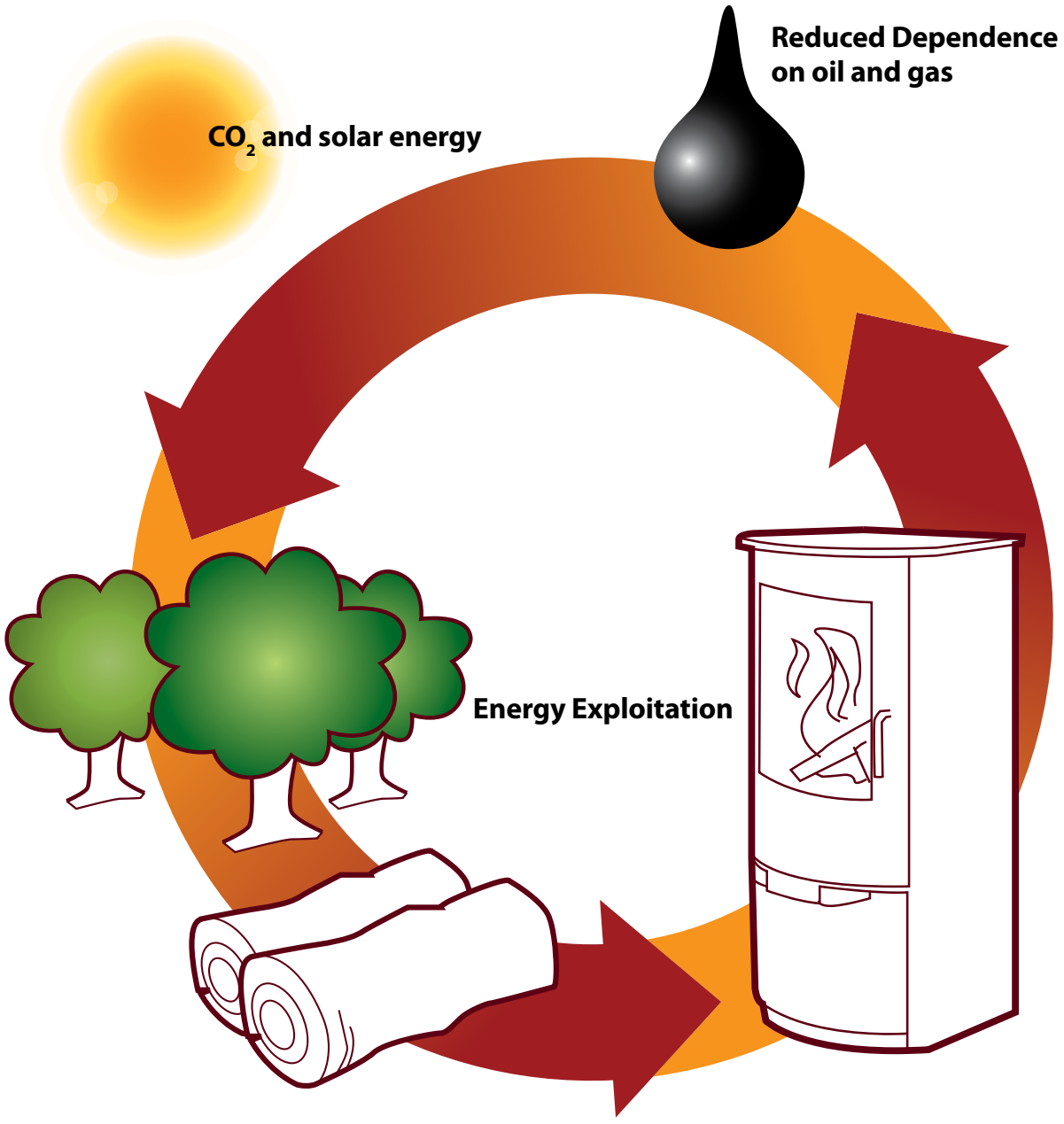
Operating Area	**Room Size**	**Optional Accessories**
5 - 12 kW	40 - 150 m²	Available with heat storage unit to the right of the combustion chamber. *) Only available with rear outlet.

All models have a branch diameter of 150 mm. Dimensioning of smoke outlet has been specified to the middle of the smoke branch.

Natural Heating generated by Wood Stoves – as simple as that

Much has been said and written about wood stoves and environment over the years. It is important to establish that wood firing is just as good for the environment as it is for your financial circumstances and pleasant family life. For wood is a raw material which will grow and form part of the cycle of Nature as sustainable energy. So, getting your heating from wood is more environmentally friendly than using fossil fuels.

For clean and environmentally friendly pre-burning, the emphasis for you as a user should be on using your wood stove properly to manufacturer's specifications. Firing wet wood or household waste or running a fire with an inadequate supply of air during combustion will be harmful to the environment. So follow manufacturer's specifications at all times – making your particular contribution to preserve a clean and healthy environment – for you as well as for your descendants (for more information on firewood and wood firing, please refer to page 60).



Sun, Forest, and Conscience

The energy of a piece of wood comes from the sun, making wood a sustainable source of energy.
The quantity of CO_2 released from a piece of wood rotting in the forest is largely equivalent to the quantity of CO_2 released from the same piece of wood by way of combustion i.e. wood firing is CO_2 neutral unlike oil, gas or other fossil fuels, and does not contribute to the greenhouse effect, instead being integrated into a cycle of Nature.

In most countries, forests are being replanted to an ever increasing extent to boost the energy supply of the future so you may feel secure about warming your home in an environmentally friendly manner.

Before buying a wood stove

Buying a wood stove is an investment in a piece of furniture which you will be looking at for years to come. So, con -sider your needs and requirements before deciding which stove to buy. The siting of the stove, the area to be heated and the type of building to be heated will be just as important as style and design.

Short-Term or Long-Term Heating

Stoves not only differ in appearance from one stove to another but also in combustion technique and material specification, these all play a part when choosing your stove.

Further, be aware of the packing between the door and the stove. If made of steel, it would be hard to replace, and it would not be as close-fitting as a ceramic glass packing. Like with the other materials, the better materials and processing, the longer you will be able to enjoy your new wood stove.

Spend time on making your home cosy, rather than on cleaning

Generally, wood stoves will not need much cleaning. But you will need to check all packings and movable parts before the firing season begins, and clear and clean your stove inside when the firing season is over. It is also a good idea to remove the baffle plates to check whether there is a free passage to the chimney. Further, be aware that wood stoves will have been treated with a heat-resistant paint which will not be water-resistant. Consequently, all maintenance, inside and out, is to be performed without using any water.
Also, always follow manufacturer's specifications.

Heating just a few or many sq. metres

Big may not necessarily be best when buying a new wood stove. So make sure that you buy the right stove in relation to the area you intend heating. Always consider the operating interval and manufacturer's specifications. Most stoves will have sufficient output to cater for your needs. Do bear in mind that a small stove with a small combustion chamber will burn cleanly at a low burn rate and produce heat whilst burning cleanly. To have a stove with a large combustion chamber burn cleanly at a low burn rate may prove difficult ie the larger the combustion chamber and the window, the higher burn rate for your stove to burn cleanly. The combustion chamber will be kept clean of soot i.e. the larger the combustion chamber and the window, the harder your stove will have to work to burn cleanly.
When your stove burns at the right performance, the window and the combustion chamber will be kept clean of soot.
So, do select your stove in consultation with your fireplace distributor, for the particular size meeting your needs and requirements.

Be comfortable with a clear conscience

When selecting your new wood stove, do remember to check whether the stove has been approved and certified to standards duly allowing for the environment. As a main rule, the more standards a wood stove meets, the better will it be for the environment.

FACTS BOX

Skamol:
Insulating material bearing on the combustion temperature in the combustion chamber, generating a cleaner combustion at a lower performance.

Airwash:
Pre-heated air conducted down over the stove glass, counteracting and minimizing soot formation on the glass.

Direct Combustion Vent:
Connection for direct combustion air vent brings air in directly from outside for the efficient functioning of the stove. This is an external air vent feeding external air into the stove. This is particularly important in new build properties which are very well insulated; these houses are air-tight and low pressure may be generated in the house leading the stove not functioning correctly.

Radiation Stove:
Stove distributing the heat slowly.

Convection Stove:
Distributing the heat quickly as it will use the combination between the heated air from the stove and the cold air from the floor. The stove surface will not be as hot as on a radiation stove.

FACTS

Our Lotus engineers conduct current research on how to produce stoves, taking optimal account of you and your particular requirements. We aim to be market leaders in environmentally friend combustion, so our stoves are tested to meet the toughest European standards on particle emissions, etc.

Size and Style

The style of the stove is determined by the combustion chamber dimensions. Stoves which hold more wood will also release more heat. A stove having a smaller combustion chamber will, however, burn cleanly with a smaller fire. Our designs include stoves in all sizes to specifically match your home so when selecting a Lotus stove design, function and technology will combine to match your requirements.

Mass Stove:
Big and heavy stove which will release the heat slowly (unlike the convection stove) on account of a heavy storage mass, such as soapstone or similar.

Soapstone:
A natural product having the quality that it will retain the heat and will release it slowly. Soapstone is available in countries such as Finland, Norway, and Brazil. It is used particularly in the so-called mass stoves, or as decorative side cladding on conventional wood stoves.

Cosiness and Romance, Ecology and Economy/Financial Circumstances

– using wood stoves will generate a little more of each

Central heating is a great invention however it does not provide you with the cosiness and romance generated by a real fire.
A wood stove is also environmentally friendly as well as economic to run when burning the right sort of wood in the correct manner.

All species of wood make good Fuel

Generally, one type of wood is just as good as another when it comes to firing your wood stove. However, there is a difference in the weight of different wood types and there is also a difference in the way they burn. Light species of wood are easier to chop as well as easier to kindle – a fact making these highly suitable for kindling. On the other hand, they do burn quicker than the heavy species of wood, and will generate somewhat less heat. Common sense will tell you how to combine the light with the heavy species of wood for economic firing.

Good wood is dry wood

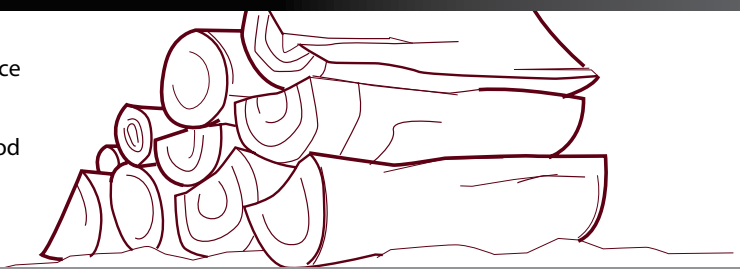
Good quality wood and kindling is a must to make sure you get a good experience from your stove. You may keep your wood outside throughout the summer under a roof or a tarpaulin.
In principal you need to keep your wood dry. When the autumn weather sets in, the wood may absorb water from the air. Firing wet wood will not only contaminate the environment but will lead to the tarring of the stove and chimney and increase the risk of a chimney fire.

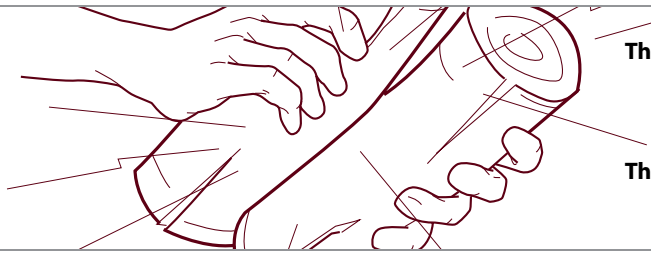
Wood – nothing but wood

It should be stressed that kindling and firing milk cartons or other household waste will prove harmful to your environment as well as to your wood stove. This also applies to firing pressure treated wood, or otherwise treated wood. So use nothing but untreated wood for firing, leaving the household waste and the like for the waste collection service to pick up.

Always fire in a safe, economic, and environmentally

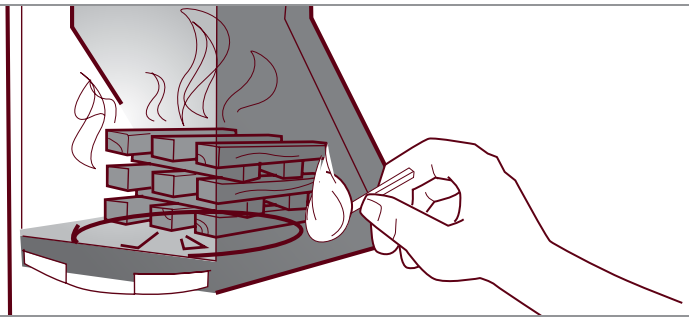
The proper way: Always use wood – an environmentally friendly source of heat.
The wrong way: Do not ever use milk cartons or pressure treated wood – which will contaminate your environment.

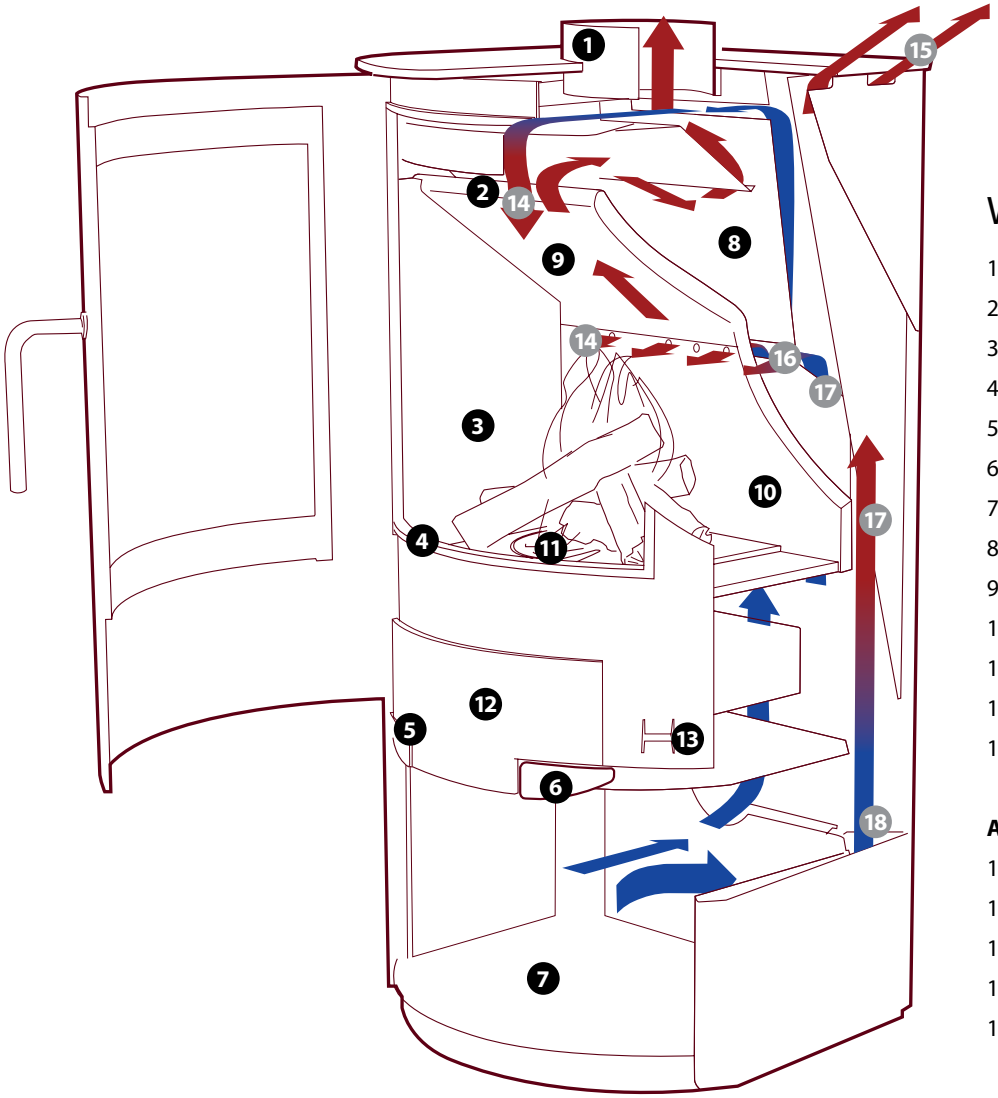




The proper way: Check that your wood is dry by beating the pieces against each other – a procedure supposed to produce a sharp sound.
The wrong way: Wet wood will produce sour smoke in the room, tarry soot in your chimney – in the worst case scenario a chimney fire.

The proper way: Use dry kindling wood for kindling, use a fire starter or similar – for quick and smooth kindling, in a manner sparing your environment.
The wrong way: Do not use paper and large logs for kindling – for this will cause slow kindling and will contaminate your environment. This also applies to milk carton or carton kindling, and similar.





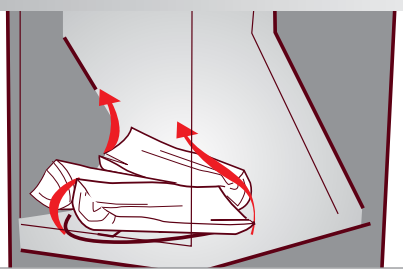
Wood Stove Diagram

1. Smoke Outlet
2. Window Airwash
3. Combustion Chamber
4. Log Catch
5. Air Control (combustion air)
6. Ridling Grate Handle
7. Wood Compartment
8. Secondary combustion chamber
9. Skamol Smoke Baffle Plate
10. Skamol Cladding
11. Ridling Grate
12. Ash Pan
13. Double Closing

Air Circulation

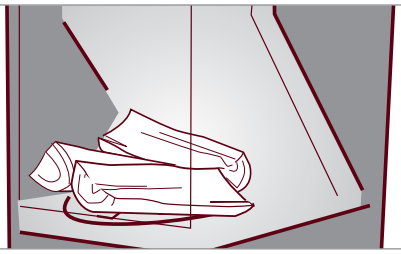
14. Pre-Heated Combustion Air
15. Hot Convection Air
16. Heating Duct for combustion air
17. Convection Air Ducts
18. Cold Convection Air

Recommendations for Use



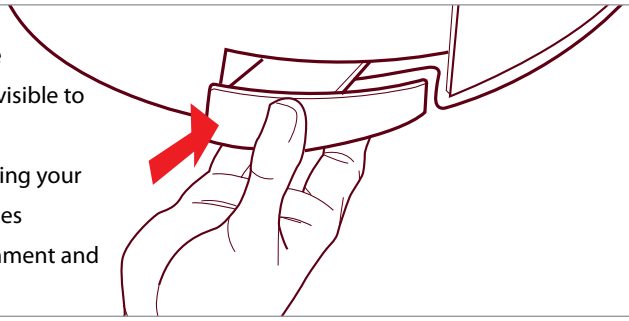
The proper way: Use pieces of wood fitting your combustion chamber, and make sure that there is air between the wood and the walls of the combustion chamber in order that the pieces may be heated in one go.

The wrong way: Do not use pieces of wood which are too large - this will effect the efficiency of your stove



The proper way: Fill up your combustion chamber to manufacturer's specifications only – typically using two or three pieces of chopped wood.

The wrong way: Never over-fill the combustion chamber. This will cause poor combustion, loss of heat transfer and may lead to your warranty being voided due to overheating damage.



The proper way: Ensure that there is sufficient air going into the stove and that a flame is visible. A flame should always be visible to enable efficient combustion to take place.

The wrong way: Dark flames signal a sign of impure combustion. Turning your air supply down too much will release un-burned gases through the chimney, to the detriment of the environment and to your own firing economy.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