LOTUS
www.lotusstoves.com

Installation- and user manual for Lotus stoves:

Allure, 2000 serie, Jubilee serie, Mondo 30-3G, Liva serie, Living, Orbis serie, Prestige serie & Prio serie

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UK

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INTRODUCTION

Dear Lotus customer,

Congratulations on your new stove. We are delighted that you have chosen a quality product from Lotus and hope that you and your family will enjoy many pleasant hours with your new stove.

Lotus has a long tradition and has been developing and manufacturing wood-burning stoves since 1979.

We set the highest standards for our products, and our wood-burning stoves are characterised by state-of-the-art combustion technology, high-quality materials, manufacturing, and attractive design. The stoves are the result of good traditions combined with innovative thinking and have delighted their owners with loyal service for many years.

We hope and believe that it will give you many warm hours. However, before you can really enjoy your investment and to ensure that you will enjoy your wood-burning stove for many years to come, you should read this manual carefully. It contains important information and many useful tips. You will also find specific advice on how to get the most out of your stove- both now and in the years to come. It is therefore always a good idea to keep it safe.

The stove is designed for “intermittent combustion”. This means that each fire burns down to embers before more fuel is added, which is achieved by following the instructions under “Using the stove”.

We hope you enjoy it!

INSTALLATION

Before your new wood-burning stove is ready to spread warmth and cosiness, you should read these pages carefully. They explain the requirements for assembly and installation. We also refer you to the special assembly and installation instructions for the stove, which describe in detail how the entire stove must be assembled from its individual parts.

Lotus recommends that the stove be installed by an authorised Lotus dealer or by an installer recommended by an authorised Lotus dealer.
Please also note that the stove must always be positioned so that the convection air vents are not blocked or closed. It is recommended that you check and clean these regularly.

The wood-burning stove must be connected in accordance with applicable national and European standards and local regulations. To ensure this, you should contact your chimney sweep before installation. The chimney sweeps or local authorities can also inform you about the applicable local regulations and grant you the necessary permission to use your wood-burning stove once it has been correctly installed.

Important: the stove must not be put into operation before the installation has been reported, registered and approved by the local authorities/chimney sweep. Outside the EU, different regulations may apply in some cases.

Building regulations and fire safety regulations must be observed. Lotus stoves are approved in accordance with EN 16510. For thermally insulated combustible walls, the installation standard DIN 18896 must be observed. You may wish to consult your chimney sweep in advance.

Furthermore, please note that all local regulations in force at any given time, including those relating to national and European standards, must be complied with when installing the wood-burning stove.

We also warn against making any unauthorised modifications to the wood-burning stove.

CONNECTION

Once the wood-burning stove has been assembled and is ready for connection, it must be connected to the existing chimney of the house via a connecting piece. The connecting piece should be as short as possible, with a rear outlet that is either horizontal or slightly inclined. The connections must be tight. For ecoLine models, part of the connection pipe is supplied. This or a suitable replacement must be fitted to the stove. Lotus stoves can be connected either from above or from behind.

Lotus stoves are suitable for use with an exhaust gas collection pipe and may be connected to chimneys with several stoves.

FLOOR LOAD

Ensure that the maximum permissible load on the floor is not exceeded by the weight of the wood-burning stove. The use of a non-combustible floor plate distributes the weight of the wood-burning stove over a larger area.

INSTALLATION INSTRUCTIONS

Before installation, contact a qualified professional or your chimney sweep. Observe the safety distances specified for the specific stove. These can be found in the technical data section and apply to a wood-burning stove installed on a turntable.

Please note that when the combustion chamber door is opened, sparks may fly further than the base plate. The base plate must be installed in accordance with local regulations and requirements. Ensure that the base plate provides adequate protection in terms of the placement and rotation function of the stove.

For non-combustible materials where no safety distance needs to be maintained, we recommend 70-100 mm so that the stove can emit and distribute heat while allowing for easy cleaning behind the stove.
Contact your Lotus dealer, who can help you select a suitable base plate for your stove.

INSTALLATION OF THE SMOKE DIVERTER PLATES

The image below shows how the smoke deflector plates (the hatched plate in the middle of the stove) should be positioned. The stove is shown in a side view (Figure 1).

The smoke deflector plates are removed individually. Both smoke deflector plates are removed by lifting one side, then loosening the other side and removing them through the door into the combustion chamber. They are reinserted in the same way by inserting them at an angle on one side, then on the other side and finally positioning them in the middle.
It may be helpful to remove the log holder and side plates on one side to make it easier to insert the smoke baffle plate. The same applies to the removal of the smoke baffle plate.

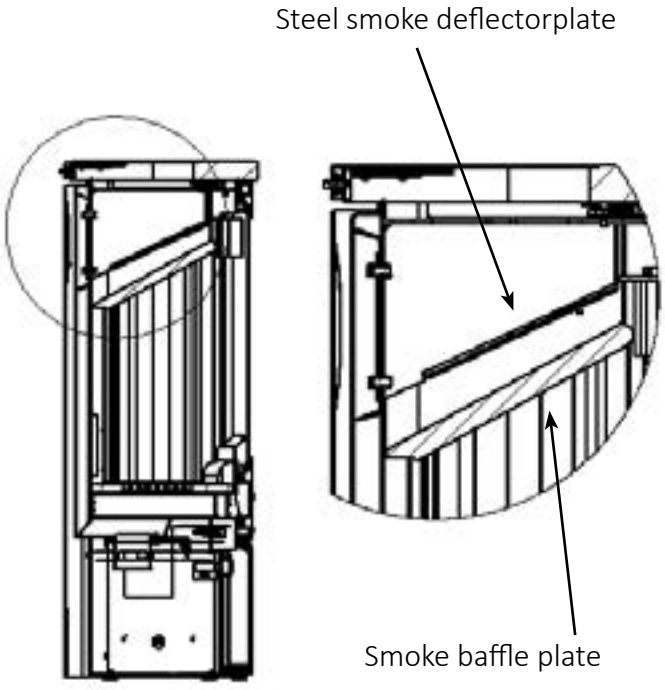


Figure 1

INSTALLATION OF THE CATALYST

Lotus ecoLine models are supplied with a specially designed catalytic converter module and one or two 50 cm long loose connecting pipes as part of the stove, which must be installed by the stove fitter.

General

The catalytic converters in Lotus wood-burning stoves are characterised by a long service life and highly effective emission reduction under the right conditions. To ensure their efficiency and function over their service life, care must be taken to ensure correct installation, handling, use and cleaning.

Unpacking and handling

The catalytic converters consist of a ceramic structure coated with an active layer of a mixture of metal oxides and precious metals. The catalytic converters must only be touched with gloves, otherwise the active layer will be damaged, and the effectiveness of the catalytic converter will be reduced.

Important!
The catalytic converters are fragile and must be handled with great care. Avoid knocking or dropping the catalytic converter, as this can destroy it.

INSTALLING THE CATALYTIC CONVERTER

The catalytic converter is integrated into the upper part of your stove's combustion chamber. It is well protected behind the smoke baffle plate in optimal conditions for the catalytic afterburning process.

The catalytic converters are removed from their transport packaging, the smoke deflector plates are dismantled (the steel deflector plate is disposed of), and the catalytic converter is placed in the holder as shown in the picture. Before the smoke baffle plate is installed in the combustion chamber, the catalytic converter module is placed in the position where the steel deflector plate was previously located. This is important for the function of the stove and catalytic converter and is precisely tailored to the existing legal requirements.



Installation of catalyst, seen from the fluecollar above the smoke baffle plate.

Cleaning

Depending on the operating time, fuel and user behaviour, the catalytic converter must be cleaned, as coarse dust particles from the exhaust gases are deposited on the surface. These coarse dust particles must be removed from the catalytic converter surface on a regular basis.

As a user of the stove, you should regularly check the catalyst for contamination and decide whether cleaning is necessary. This can be done easily by removing the catalyst through the combustion chamber after dismantling the smoke guide plates and can be carried out by any stove user.

Cleaning tools

A hand brush, paintbrush or the brush attachment of a vacuum cleaner can be used to clean the catalytic converter.



Operating life

When used correctly and under the right combustion conditions, the catalytic converter is very durable and resistant to the environment above the combustion chamber.

With regular inspection and cleaning, the catalytic converter will last at least 3 heating seasons without needing to be replaced.

SAFETY INSTRUCTIONS

The surfaces of the wood-burning stove become hot. Parts of the wood-burning stove, especially the outer surfaces, the door, the controls, the glass pane and the flue pipes, become hot during operation! Appropriate caution is required! Use suitable tools (1 glove is included).

Important!

A blocked catalytic converter no longer functions as intended and should be cleaned or replaced before further use of the wood-burning stove. It is therefore important to check the catalytic converter regularly by visual inspection.

For safety reasons, your ecoLine stove is also equipped with a legally required bypass channel for the exhaust gases, so that the stove can continue to discharge the exhaust gases even if the catalytic converter is blocked. Catalytic converters that are blocked by tar can no longer be cleaned and must be replaced. The catalytic converter must be removed before sweeping the chimney and flue pipes.

COMBUSTION AIR SUPPLY

Before the wood-burning stove is put into operation, it is important to ensure that there is sufficient combustion air available and that the room in which the stove is installed is generally well ventilated. Most rooms have sufficient air, especially if some of the doors between the rooms in the house are open.

It is important to ensure that there is sufficient combustion air. If necessary, speak to your chimney sweep in advance if the air requirement for the wood-burning stove's installation location needs to be calculated and to find out how much additional air may be required.

Wood-burning stoves are normally operated as room-air-dependent stoves that draw their combustion air from the room in which they are installed. In special cases, when windows and doors are completely closed, the supply of combustion air can no longer be guaranteed. It may therefore be necessary to install an air supply flap in the outer wall of the room in which the stove is installed.

Insufficient combustion air can have a negative effect on the chimney draught, and other appliances that consume air and are installed in the same room or ventilation system as the wood-burning stove (e.g. extractor hoods or fans) can also impair the function of the wood-burning stove. In the worst case, this can endanger your health and safety. In such cases, sufficient air compensation must be ensured.

Your new stove also offers the option of being connected to external combustion air, as shown in Figures 2 and 3. This is particularly practical in modern, highly airtight buildings. The external connection only requires a separate duct connection to the outside air or the exhaust air duct of the ventilation system. See separate installation instructions.

The Orbis stove family is also mechanically prepared for fresh air systems via a double-walled stainless-steel chimney, also known as a DV solution.

Option 1:
External connection from below.
Not for 2000 Serie

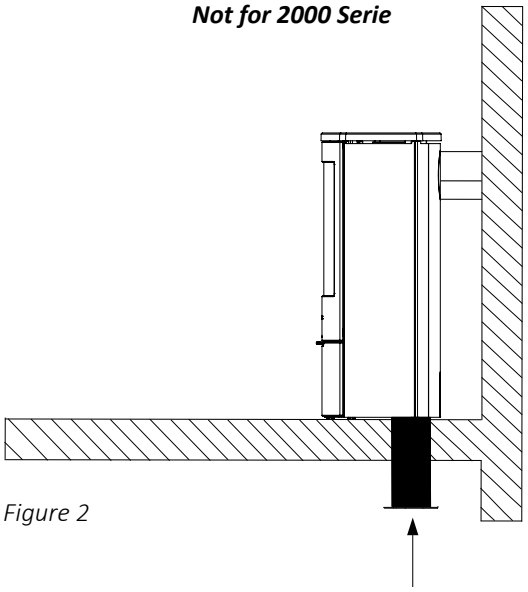


Figure 2

Option 2:
External connection from the rear.
Not for 2000 Serie

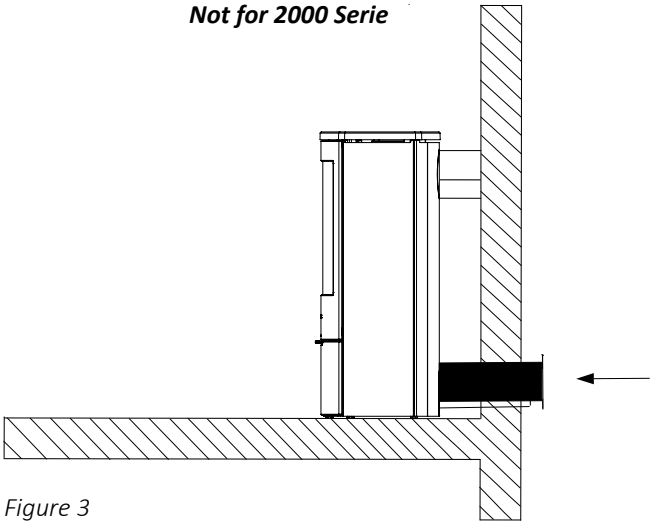


Figure 3

CHIMNEY AND DIMENSIONING

Good draught in the chimney is crucial to how well a stove burns. A well-dimensioned chimney is not only important for removing flue gases from the stove but also determines the supply of combustion air and thus the overall performance of your new stove.

Insufficient chimney draught can make it difficult to light the stove and subsequently difficult to achieve efficient and environmentally friendly combustion.

On the other hand, too much chimney draught can lead to excessive oxygen supply and combustion, with the risk of negative effects on efficiency and emission values.

If the architecture of your building or the surrounding area makes it difficult to dimension the chimney, a mechanical draught control system may be a solution. Ask your chimney sweep, who can provide you with expert advice.

The cross-section of the chimney must be adapted to the stove. The clear width of stainless steel chimneys should be at least Ø150 mm (internal dimension).
For brick chimneys, a diameter of 170 mm is recommended, as the inner surfaces are rougher, which leads to greater soot deposits.

The effective height should typically be around 4.5 metres. Effective height refers to the distance from the top of the stove to the chimney outlet. The chimney must have a minimum draught of 12 Pa to ensure the stove operates at its best.

All connections and joints must be airtight, and there must be access to cleaning openings in the chimney. If your chimney has a smoke damper, it must have a minimum opening of 20 cm^2.

Your Lotus stove is approved for connection to a chimney with multiple flues that are used simultaneously for several stoves or other purposes. In this case, the specific local conditions must be assessed by the installer and/or chimney sweep.

The chimney must be dimensioned in accordance with EN 13384-1 and 2 or the country-specific building regulations.

RECOMMENDED WOOD AS FUEL

Various types of hardwood such as beech, birch, ash or fruit wood are very suitable as fuel. The fire plan shows which wood size is best suited for the stove.

For Lotus stoves, the wood should be cut to a length of approx. 30 cm or shorter and split to a thickness of approx. 7–9 cm. A maximum moisture content of 15–20% is very important for good combustion (optimum value: 15–17%).

If the wood is too damp, the stove's performance will drop significantly, as some of the energy will be used to evaporate the water content. The water vapour significantly lowers the temperature in the combustion chamber, which can lead to condensation in the flue pipes. This condensation causes rust in the flue pipe, which can result in dripping water and sooty wood.

If the wood is too dry, it burns too quickly in relation to the amount of air supplied and releases more particles than necessary.

It is not recommended to use wood such as impregnated wood, chipboard, coloured brochures or glossy paper, as these are not suitable for Lotus stoves. Such materials develop acids or release heavy metals that can attack metal surfaces in the combustion chamber and cause corrosion. In addition, treated types of wood and paper do not burn completely and cleanly, but release substances into the flue gas and ash that are harmful to the environment.

FIREWOOD FOR ECOLINE MODELS

Lotus ecoLine stoves are catalytic stoves. It is therefore particularly important to follow the recommendations for choosing fuel. Correct heating with the recommended fuel is essential for the stove to function properly and be as environmentally friendly as possible. Resinous types of wood such as spruce and pine increase the risk of the catalytic converter becoming blocked. In this case, it is important to check and maintain the catalytic converter more frequently than usual.

KINDLING

Use small pieces of easily ignitable wood for lighting (approx. 2 x 2 cm, length approx. 25 cm). This ensures that the stove heats up quickly and forms the first layer of embers for subsequent loads. It is important that the kindling is completely dry.

FIRST LIGHTING

Once installed and approved by the chimney sweep, the new stove can be lit. Lotus stoves are factory-finished with a very robust and heat-resistant special coating. When first lit, the stove may emit a special odour while the paint hardens. This odour disappears after a short time once the stove has been properly heated. Do not touch the surface during the warm-up phase to avoid damage or discolouration. Ensure good ventilation and adequate air circulation in the room during initial use.

A Lotus wood-burning stove is designed to be as easy as possible to fire correctly. There are very few settings that need to be adjusted when lighting the stove in order to get the most out of it and enjoy it to the full.

All you need to focus on to use the stove correctly is the correct air setting and the insertion of the firewood. The combustion air is adjusted with the single handle located centrally under the door. The stove then distributes the air volumes itself between primary air, window cleaning/secondary air and tertiary air.

The next important step is to prepare the fire. When firing with new wood, you must follow the fire plan, which can be found in the technical data section. The stove is heated with the correct number of pieces of wood, which are arranged on the floor of the combustion chamber according to the diagram – parallel, crosswise, criss-cross, etc. Before use, the wood must be cut to the correct size, split and dried to the correct moisture content.

The procedure used to test and approve the stove at the accredited testing institute is described below. This procedure results in the best combustion for the given chimney draught of 12 Pa. Heating in this way provides the same fantastic warmth and efficiency as well as the most environmentally friendly use of the stove.

The amount of wood and the air damper setting are important and vary depending on the stove type. The correct values are listed in the firing schedule under the technical specifications at the end of this manual. However, the amount of wood and damper setting can be varied depending on individual heating requirements and the specific chimney draught of the installation in question.

The stove has been tested with beech and birch wood with approx. 16–18% moisture content.

LIGHTING AND REFILLING

It is recommended to light a Lotus stove from above. Before lighting, open the air valve under the door to the maximum.

Place 2–3 small pieces/blocks of wood on the layer of ash at the bottom of the combustion chamber. Then place dry, finely split kindling on top of the lower pieces of wood in the centre of the combustion chamber and build it up like a layer of beams, as shown in the example below (Figure 4). Finally, place a few firelighters and wood chips on top of the top layer of beams.

When loading wood, the height of the fire must not exceed the lowest row of holes in the tertiary air channel.

A typical burn cycle lasts approximately 45 minutes.

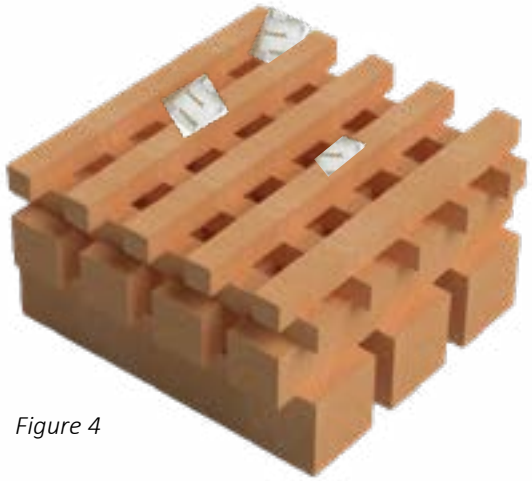


Figure 4

As a general rule, the door should be opened a gap of approx. 3 cm. On some models, there is a small door stopper on the right-hand side of the door at the top or bottom (see Figure 5).

On other models, the door handle is used for this function. This ensures that the fire receives additional combustion air during the critical heating phase. Light the firelighters and leave the door open a crack under supervision.

Once the fire is burning and the glass pane is hot, the door can be closed (approx. 5–10 minutes).

When the fire has burned down to embers (no flames), the next firing must be prepared. Take wood according to the firing schedule and carefully open the oven door so that the ashes are not stirred up. Spread the embers into an even layer and place the next pieces of wood in the centre of the combustion chamber. Then close the stove door.

Caution! The surface of the stove and the handle become hot. The stove comes with a protective glove that can be used if necessary.

The pieces of wood are placed close together on the floor. The pieces ignite best when they have a split side facing the door and one side is placed in the embers. Close the door completely immediately.

Open the air vent fully, wait approx. 4 minutes until the wood is burning well, then set the air slider to the middle position. How far the air slider needs to be moved to the left depends on the chimney draught, but the flames should now stabilise into a calm, even fire. However, there should always be a “lively” flame in the combustion chamber.

If the fire has burned down to embers again (no flames), add more fuel as described above.

Slow combustion

Place a sufficient amount of wood (3.0–3.5 kg distributed over 3–5 pieces of wood – not 1 or 2 large logs) on a good layer of embers. Once the fire has taken hold, reduce the air supply. Never reduce it so much that the flames are no longer clear and stable.



Figure 5

If the air supply is regulated too early or is generally too low, this will result in poor efficiency and high emissions, which are harmful to the environment.

Ash

There should always be some ash in the combustion chamber. The fire burns better when the wood is covered with a layer of ash. The ash ensures that the embers come together more quickly and last longer. Lotus recommends removing the ash after the 10th burning cycle at the earliest.

For Lotus stoves without an ash drawer, the easiest way to remove the ash is with an ash vacuum cleaner or, if necessary, a small shovel. The ash can be disposed of in the bin once it has cooled down completely. The ash should always be left to cool for at least 1–2 days before being disposed of, as there may still be embers that could ignite waste or rubbish.

Over time, once you have used the stove a few times, you will become better and more experienced at heating and warming your home with your Lotus stove. We have put together a few useful tips and advice to help you maintain your stove and enjoy it for many years to come.

CLEANING THE STOVE

All Lotus stoves are factory-finished with a very robust and heat-resistant special paint in the colours “black” or “grey”. The painted surface can be cleaned by brushing with a soft, long-bristled car brush or carefully with a vacuum cleaner and brush attachment.

A Lotus stove is designed so that, when operated correctly, the surfaces in the combustion chamber and the stove glass are self-cleaning during daily use. Nevertheless, it should be cleaned regularly inside if necessary. Ash, soot and any tar residues should be removed from the glass and combustion chamber. Smoke baffles should also be removed regularly to remove soot and dirt that often accumulates behind the plates. At the same time, check that the chimney is clear.

Ash should be removed from the bottom of the combustion chamber regularly, but the other surfaces of the stove can also be cleaned to ensure that the stove retains its attractive appearance throughout its service life. Steel and cast iron surfaces are best wiped with a damp cloth. A mild cleaning agent can be used, but harsh cleaning agents containing solvents should be avoided.

All Lotus stoves are treated with a robust, heat-resistant paint, but solvents can damage the paint.

Cleaning the stone cladding

Cleaning the stone cladding of the stove, Soapstone, Indian Night and Limestone.

Normal cleaning is done with a well-wrung cloth and a little ordinary, non-harsh detergent or a little glass cleaner. Do not use acidic detergents.

If necessary, Soapstone can be cleaned with normal acetone or thinner.

If there are stains that the thinner does not remove, the stone can be carefully sanded down with a sponge scouring pad (as used for pots). Small scratches can be carefully sanded down with very fine sandpaper.

MAINTENANCE OF THE WOOD-BURNING STOVE

Seals on doors and glass panes wear out. They may look fine at first glance, but over time, especially under thermal stress, they lose their ability to keep the stove sealed. Seals should be replaced when necessary, as it is essential for good combustion and a clean pane that the stove is sealed.

Lotus recommends checking the seals regularly, at least once a year, and having them replaced by your dealer if necessary. (Seals, glass, vermiculite and Thermotte are wear parts and are not covered by the warranty.)

BURNING CHAMBER LINING

The sides of the combustion chamber are lined with ceramic and mineral plates, which serve to protect the steel structure of the stove, ensure a high and efficient combustion temperature and contribute to the optimal distribution of combustion air. The lining can break or wear out if overloaded. The plates are made of thermotte or vermiculite, an insulating material.

The lining is brittle, and over time, small cracks and chips may appear as a result of using the stove. These small cracks in the combustion chamber lining do not affect the function of the stove. In the event of heavy wear, the material must be replaced at the latest when the plates have reached a thickness of approx. 1.5 cm.

Vermiculite is slightly porous, while thermotte is a brittle ceramic. To prevent the panels from being damaged or breaking, it is important not to throw the wood in, but to place it in the centre of the combustion chamber without touching the side cladding.

If a panel does break, this has no effect on the insulating effect of the panel. Replacement kits for the combustion chamber lining are available from Lotus dealers.

However, excessive firing with too much or the wrong fuel can damage the cladding, and the cladding can also break if a log or other material is knocked hard against it.

The mineral vermiculite insulation may discolour when heated to high temperatures.
If the vermiculite has been subjected to particularly high stress, it may take on a reddish colour. However, the material retains its insulating properties
(see Figure 6).

The combustion chamber lining is a wearing part and is not covered by the warranty. It must be replaced if it is burnt through or has loose splinters. Contact your dealer for more information on original spare parts.

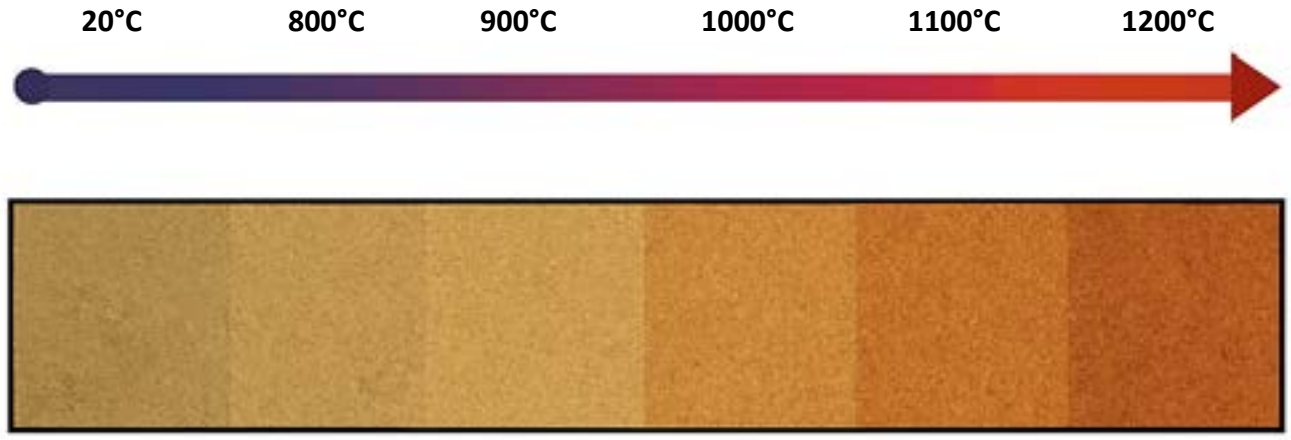


Figure 6

GLASS PANE

The glass panes of the stove are made of special ceramic glass and are therefore very heat-resistant.
When operated correctly, the special window cleaning function automatically cleans the glass, keeping it clear and transparent so that you can enjoy the flames.

Outside of normal use, e.g. when lighting the stove or when the fire goes out, at low temperatures and with a low supply of combustion air, soot may deposit on the glass. When the stove is cold, the glass can be cleaned with a soft cloth or glass sponge.
If the temperature is too high, the glass will turn milky white.

During the special production process, microbubbles may form in the glass in exceptional cases; this does not constitute a quality defect.
(The glass pane is not covered by the warranty.)
The glass pane must not be disposed of with normal glass waste but must be disposed of as ceramic waste.

REPAIR PAINT

Spray repair paint can cover stains or small scratches caused by objects or other impacts. Larger damage must be sanded down with fine steel wool, vacuumed and then sprayed.

The can must be shaken vigorously and the spray applied from a distance of 15–20 cm. It is very important that the oven is switched off and completely cold before using the spray, as otherwise there is a risk of serious damage due to the risk of fire.
The original special paint is available as a repair spray from your local Lotus dealer.

MAINTENANCE / SPARE PARTS

Moving parts can wear out with frequent use. Only original spare parts should be used. At the end of a heating season, we recommend having your stove serviced by your Lotus dealer.
All moving parts (hinges and locking mechanisms) should be treated with a heat-resistant lubricant at least once a year. This extends the service life of the moving parts and ensures that they function properly.

NATURAL STONE

Natural stone is a perfect heat store. If natural stone shows small scratches or fingerprints, these can be removed with a microfibre cloth.

Natural stone is characterised by different grains on the surface, which make it unique. With Indian Night, small cracks may appear on the surface; these are only superficial and do not penetrate the stone, they are part of the character of the stone.

The pattern of the grain cannot be influenced. The stone cladding makes your stove unique, and there may be differences compared to other stoves – e.g. to display stoves at your dealer.
Therefore, there is no guarantee for the appearance of the natural stone. Do not place cold objects on hot natural stone slabs. The large temperature difference can cause tension, which leads to cracks in the material.

PROBLEMS, QUESTIONS AND ANSWERS

If you are experiencing problems with your Lotus stove, the causes can be found in some of the most common cases below.

The stove is difficult to light or goes out
There may be several reasons for this. The most common are:

- The air flap is not open far enough.
- The wood is too damp.
- The chimney draught is too low, possibly blocked or leaking.
- The layer of embers was too small/burned out and did not generate enough heat to ignite the pieces of wood.

Depending on the problem, it may be necessary to contact your Lotus dealer or a chimney sweep.
The stove is difficult to control – it burns too quickly
If the stove is new, check that you have followed the operating instructions and set the air control correctly.
If the stove is more than 1 year old or has been used intensively, it may be necessary to replace the seals.
You can also check whether the upper smoke guide plates are positioned correctly and pushed back completely.

The stove draws poorly after installation
Check that the installation instructions have been followed and that the smoke guide plates are positioned correctly. There may also be problems with the chimney.
Are the diameter and length as recommended? Is the cross-section of the chimney clear? Are the smoke pipes and transitions clear? Is there a smoke flap in the chimney that needs to be adjusted? It may be necessary to contact a chimney sweep to solve the problem.

Smoke and sooty smell
This can be caused by wind backflow in the chimney and occurs in certain weather conditions. The chimney does not have the prescribed effective height, or there are taller trees or buildings in the immediate vicinity of the chimney. Is there sufficient combustion air? If windows and doors are tightly closed, this can lead to negative pressure in the room, which means that the air supply is not guaranteed, and the chimney draught is severely impaired.

If the chimney was previously connected to a different type of stove with a different fuel type (oil, coal, etc.), old soot residues in the chimney may continue to emit a strong odour.

An extractor hood or room air supply in the same room can create very high negative pressure, causing exhaust gases to be sucked into the room. It is therefore essential to install a safety device that ensures there is always sufficient combustion air in the room.

Heating during the transition period
When the outside temperature reaches approx. 15 degrees or higher, your wood-burning stove may not function as well. The small temperature differences lead to reduced chimney draught. This can result in poor ignition, insufficient combustion, increased smoke development with sooting of the glass and smoke escaping when the stove door is opened.

Information in the event of a chimney fire
If incorrect or excessively damp fuel is used, deposits in the chimney can cause a chimney fire. Immediately close all air vents on the chimney and notify the fire brigade. After the fire, the chimney should be checked for cracks and leaks by a specialist.

Special instructions
If the wood-burning stove is significantly overloaded beyond its rated heat output or fuels other than those specified are used, the manufacturer's warranty will be void.

SCOPE OF DELIVERY OF THE WOOD-BURNING STOVE
Depending on the stove model selected, various accessories and equipment are supplied, which are required for setup and installation. All stoves come with assembly and operating instructions, an assembly kit for connecting the flue pipe and a glove.



DISPOSAL OF PACKAGING

Wooden packaging: For recycling or disposal.
Stretch film/plastic film: For recycling or disposal.
Plastic Rears: For recycling or disposal.

DISPOSAL OF OVEN PARTS

Steel/cast iron: For recycling or disposal.
Insulation of the combustion chamber: For disposal.
Seals: For disposal.
Glass: Dispose of as ceramic waste.

DISPOSAL OF CATALYST

At the end of its service life or if damaged, the catalytic converter must be replaced. However, the used catalytic converter does not need to be thrown away. The metals in the catalytic converter can be largely reprocessed and recycled. You can therefore return your used catalytic converter to your dealer when purchasing a new one. Lotus will then ensure that it is reprocessed in an environmentally friendly and correct manner.

When placing your new stove in your home, for safety reasons, particular attention must be paid to the distances to combustible materials, such as combustible walls, furniture, etc.

The legally prescribed safety test has established a number of minimum distances that must be observed.

Safety distances to combustible materials
There must be no combustible and/or heat-sensitive components in front of or to the side of the oven within the direct radiation range of the glass front.

The safety distance to combustible components and/or heat-sensitive materials on the sides varies depending on the model of your oven.

The minimum distances to combustible components and furniture are specified on the type plate and must be observed!

The safety distances for each stove are defined during the safety test for type approval of the stove. It is important that these distances are observed to ensure a fire-safe installation.

The distances only apply to combustible materials and do not need to be observed for non-combustible building materials such as stone.

The individual distances are listed in the section with the technical data for the stoves.
The various distances are illustrated below (Figures 7 and 8).

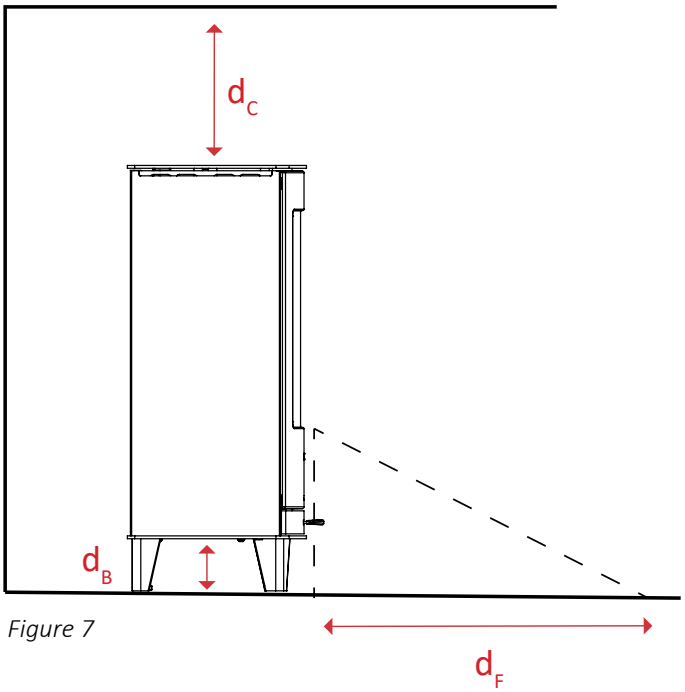


Figure 7

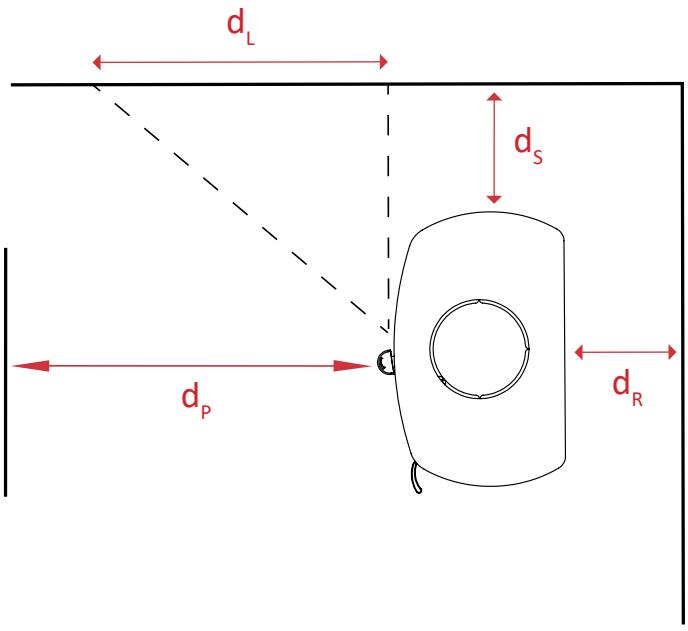


Figure 8

dC: To ceiling
dP: Front
dF: Radiation towards the floor in front of the stove
dB: Bottom
dL: Side radiation towards wall
dS: Side
dR: Rear

TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	6.5	kW
η_{nom}	Efficiency at nominal outout	82	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	109 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	310	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.6	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mass (weight)	190	kg
H/W/D	General dimensions- Height/Width/Depth	1350/480/450	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	600	mm
d_R	Rear	150	mm
d_S	Sides	300/600*	mm
d_L	Front to side front radiation area	1500	mm
d_P	Front	1100/600*	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

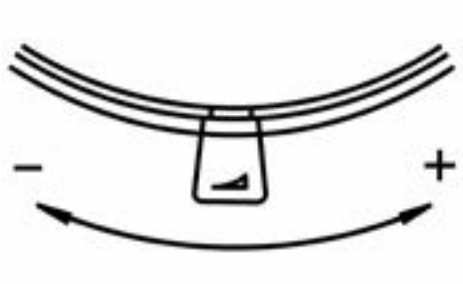
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.5	1.5	1.5	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





Technical data

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	8	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	109 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	344	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6,1	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	B	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mass (weight)	175/267	kg
H/B/D	General dimensions- Height/Width/Depth	930-960/520/405	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	580	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	250/200*	mm
d_S	Sides	300/250*	mm
d_L	Front to side front radiation area	1100	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

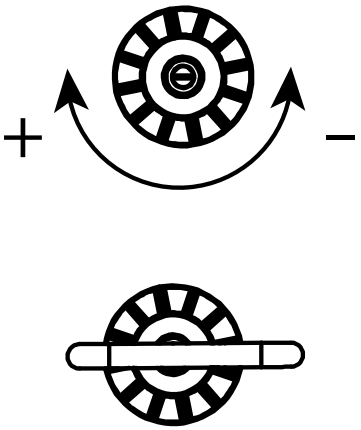
*For further information, see the Declaration of Performance (DoP)

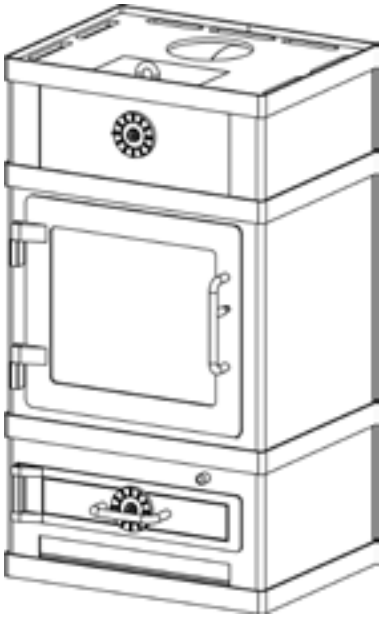
FIRE SCHEDULE

Recommended fuel designation code: Firewood (I)						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1,8	1,8	1,5	1,5	1,5	etc.
Primary damper setting (mm)	Twist 1 turn outwards	Closed	Closed	Closed	Closed	etc.
Secondary damper setting (mm)	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





Technical data

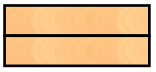
Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7	kW
η_{nom}	Efficiency at nominal outout	86	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	115 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	215	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6,4	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	B	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	222	kg
H/B/D	General dimensions- Height/Width/Depth	1220/520/405	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	460	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	300	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

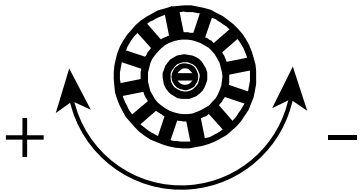
*For further information, see the Declaration of Performance (DoP)

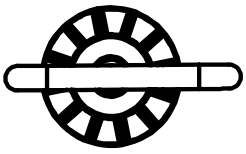
FIRE SCHEDULE

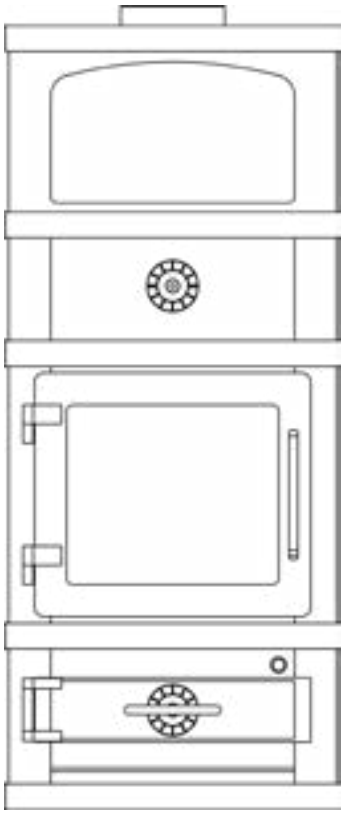
Recommended fuel designation code: Firewood (I)						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1,8	1,8	1,5	1,5	1,5	etc.
Primary damper setting (mm)	Twist 1 turn outwards	Closed	Closed	Closed	Closed	etc.
Secondary damper setting (mm)	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER







Technical data

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	8	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	109 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	344	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6,1	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	B	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	189	kg
H/B/D	General dimensions- Height/Width/Depth	1180/520/405	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	250/200*	mm
d_S	Sides	300/250*	mm
d_L	Front to side front radiation area	0/480*	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

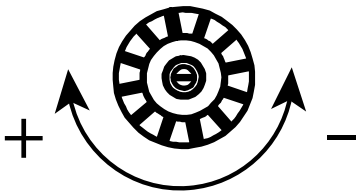
*For further information, see the Declaration of Performance (DoP)

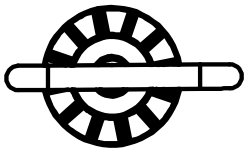
FIRE SCHEDULE

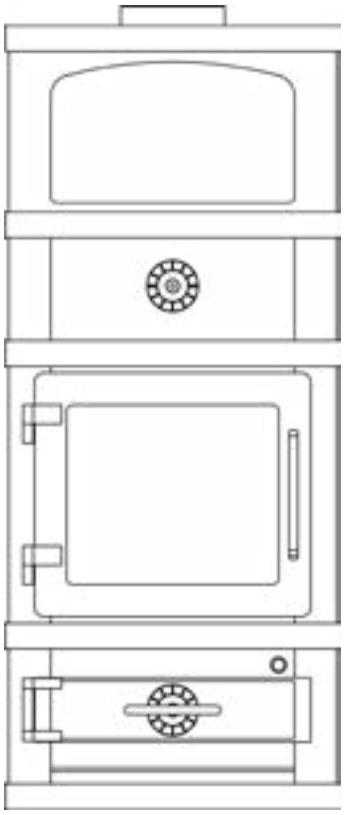
Recommended fuel designation code: Firewood (I)						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1,8	1,8	1,5	1,5	1,5	etc.
Primary damper setting (mm)	Twist 1 turn outwards	Closed	Closed	Closed	Closed	etc.
Secondary damper setting (mm)	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER







Technical data

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7	kW
η_{nom}	Efficiency at nominal outout	86	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	115 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	215	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6,4	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	235	kg
H/B/D	General dimensions- Height/Width/Depth	1350/480/450	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	250/200*	mm
d_S	Sides	300/250*	mm
d_L	Front to side front radiation area	0/480*	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

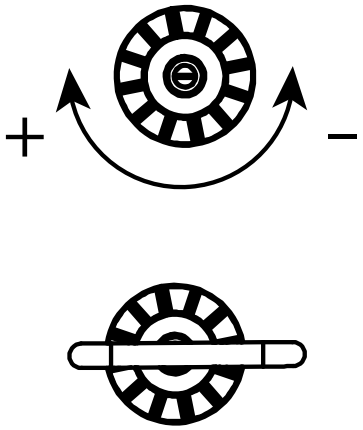
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

Recommended fuel designation code: Firewood (I)						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1,8	1,8	1,5	1,5	1,5	etc.
Primary damper setting (mm)	Twist 1 turn outwards	Closed	Closed	Closed	Closed	etc.
Secondary damper setting (mm)	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	Twist 4 turn outwards	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER



TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	4	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	302	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	3.9	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mass (weight)	84	kg
H/W/D	General dimensions- Height/Width/Depth	650/500/300	mm

Minimum distances to combustible materials			
d_B	Under the base	100	mm
d_F	Front to lower front radiation area	480	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	170	mm
d_S	Sides	450	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1150	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

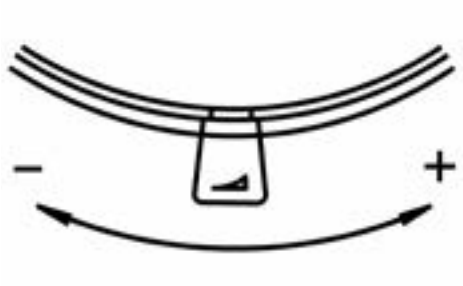
*For further information, see the Declaration of Performance (DoP)

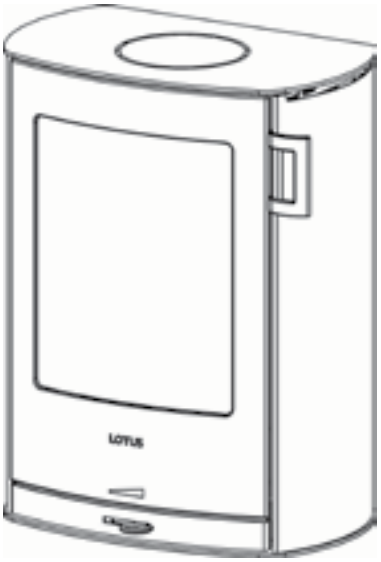
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.1	1.1	0.9	0.9	0.9	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	4	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	302	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	3.9	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Jubilee 10 base - mass (weight)	82	kg
m	Jubilee 20 - mass (weight)	87	kg
H/W/D	Jubilee 10 base - general dimensions- Height/Width/Depth	740/500/320	mm
H/W/D	Jubilee 20 - general dimensions- Height/Width/Depth	950/490/300	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	480	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	170	mm
d_S	Sides	450	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1150	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

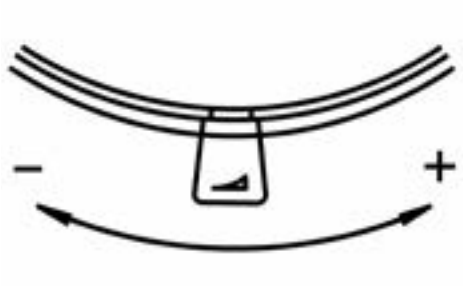
*For further information, see the Declaration of Performance (DoP)

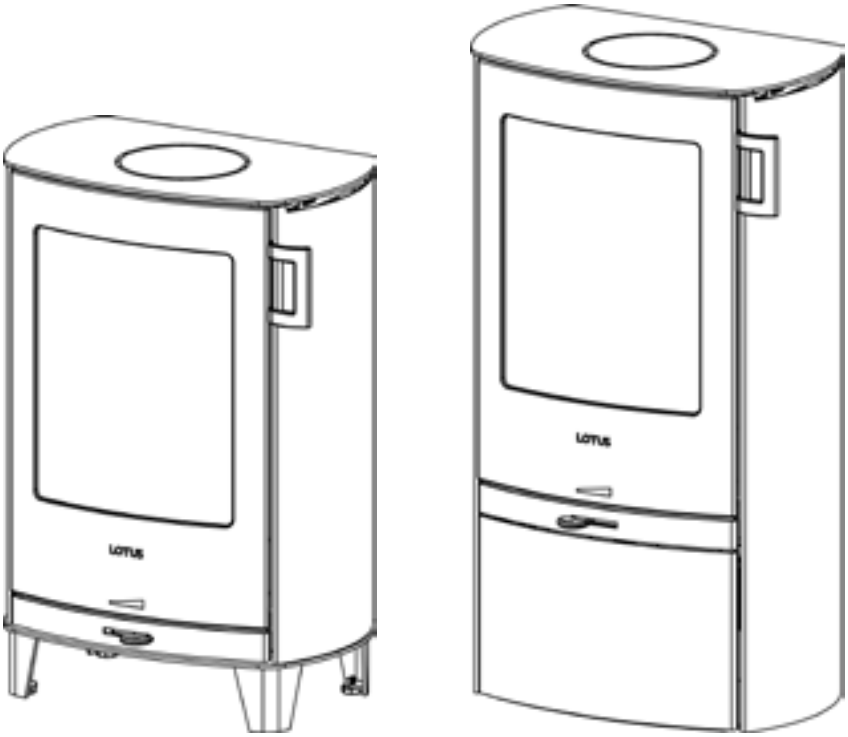
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.1	1.1	0.9	0.9	0.9	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	6.5	kW
η_{nom}	Efficiency at nominal outout	83	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	110 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	290	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.8	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Jubilee 25 - mass (weight)	160-234	kg
m	Jubilee 25M - mass (weight)	326-335	kg
H/W/D	Jubilee 25 - general dimensions- Height/Width/Depth	1100/630/400	mm
H/W/D	Jubilee 25M - general dimensions- Height/Width/Depth	1420/630/400	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	>750	mm
d_R	Rear	180	mm
d_S	Sides	370	mm
d_L	Front to side front radiation area	400	mm
d_P	Front	1250	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

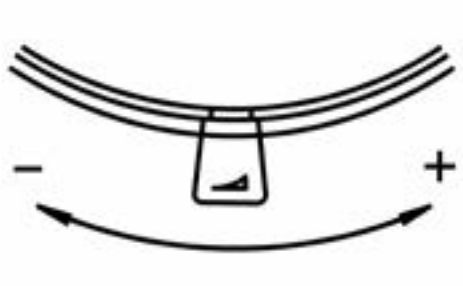
*For further information, see the Declaration of Performance (DoP)

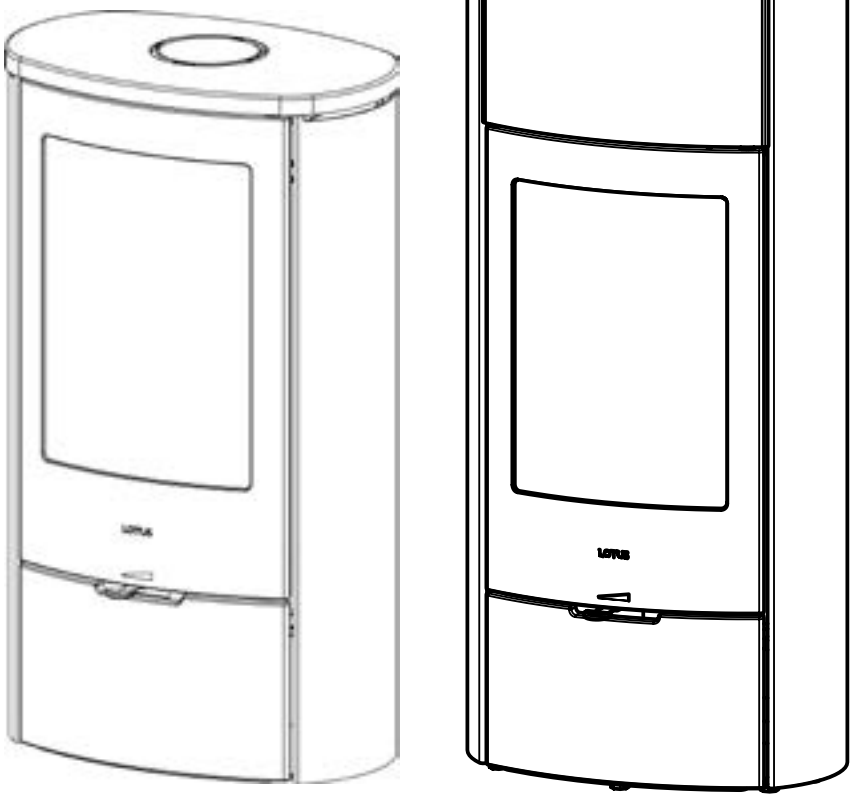
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.35	1.35	etc.
Damper setting (mm)	100% åben (45 mm)	100% åben (45 mm)	19 mm efter 3 min	19 mm efter 1:30 min	19 mm efter 1:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7.2	kW
η_{nom}	Efficiency at nominal outout	85	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	113 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	256	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.3	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Jubilee 25 ecoline - mass (weight)	160-234	kg
m	Jubilee 25M ecoline - mass (weight)	326-335	kg
H/W/D	Jubilee 25 ecoline - general dimensions- Height/Width/Depth	1100/630/400	mm
H/W/D	Jubilee 25M ecoline - general dimensions- Height/Width/Depth	1420/630/400	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	>750	mm
d_R	Rear	180	mm
d_S	Sides	370	mm
d_L	Front to side front radiation area	400	mm
d_P	Front	1250	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

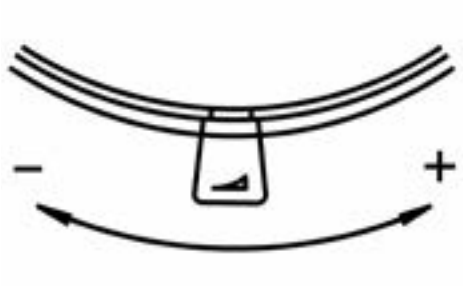
*For further information, see the Declaration of Performance (DoP)

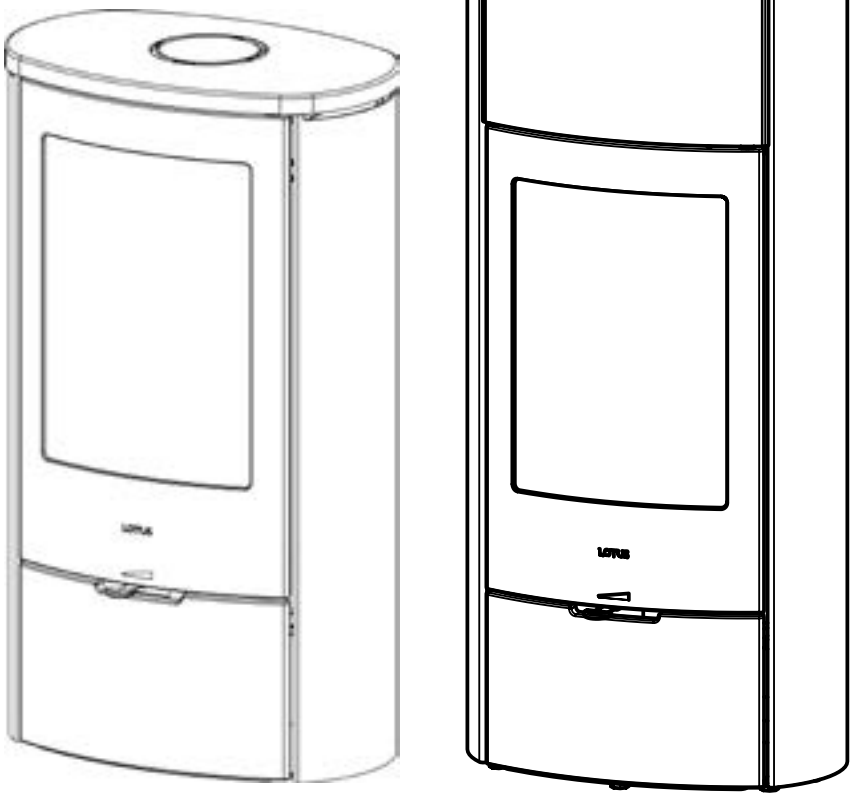
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.45	1.45	etc.
Damper setting (mm)	100% åben (45 mm)	100% åben (45 mm)	19 mm efter 3 min	19 mm efter 1:30 min	19 mm efter 1:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7.2	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	329	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.8	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Jubilee 35 - mass (weight)	192-243	kg
m	Jubilee 35M - mass (weight)	348-358	kg
H/W/D	Jubilee 35 - general dimensions- Height/Width/Depth	1100/730/455	mm
H/W/D	Jubilee 35M - general dimensions- Height/Width/Depth	1420/730/455	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	645	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	170	mm
d_S	Sides	310	mm
d_L	Front to side front radiation area	790	mm
d_P	Front	1500	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

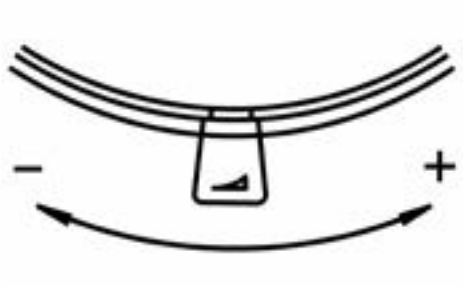
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

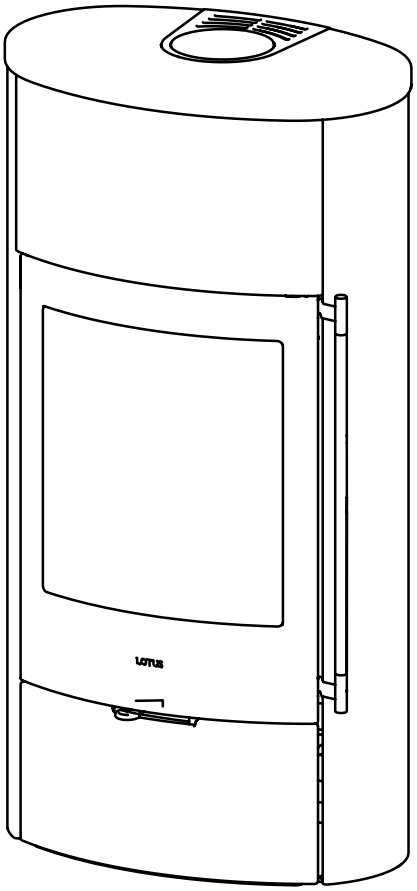
Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.5	1.5	etc.
Damper setting (mm)	100% åben (88 mm)	100% åben (88 mm)	35 mm efter 3 min	30 mm efter 2:30 min	30 mm efter 2:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER







TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7.5	kW
η_{nom}	Efficiency at nominal outout	85	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	113 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	255	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.2	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Jubilee 35 ecoline - mass (weight)	192-243	kg
m	Jubilee 35M ecoline - mass (weight)	348-358	kg
H/W/D	Jubilee 35 ecoline - general dimensions- Height/Width/Depth	1100/730/455	mm
H/W/D	Jubilee 35M ecoline - general dimensions- Height/Width/Depth	1420/730/455	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	745	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	220	mm
d_S	Sides	310	mm
d_L	Front to side front radiation area	830	mm
d_P	Front	1550	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

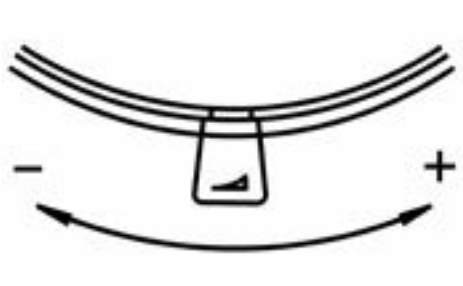
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

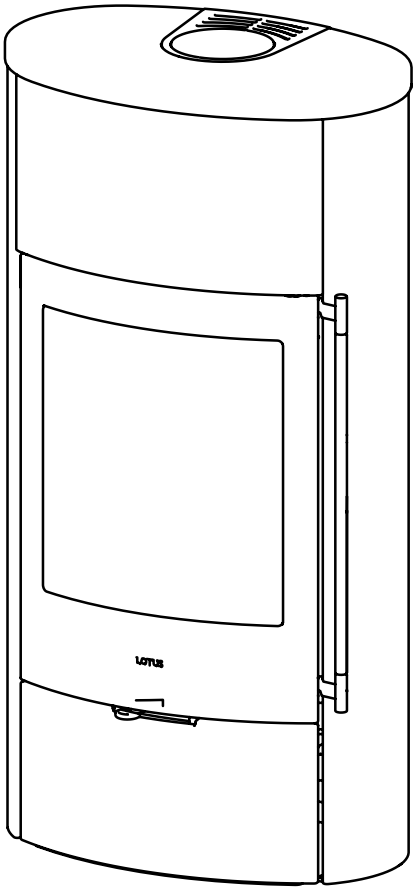
Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.5	1.5	etc.
Damper setting (mm)	100% åben (88 mm)	100% åben (88 mm)	35 mm efter 2:30 min	28 mm efter 2:30 min	28 mm efter 2:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER







TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7.1	kW
η_{nom}	Efficiency at nominal outout	85	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	113 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	232	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.4	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	247-297	kg
H/W/D	General dimensions- Height/Width/Depth	1420/730/455	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	780	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	220	mm
d_S	Sides	310	mm
d_L	Front to side front radiation area	850	mm
d_P	Front	1500	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

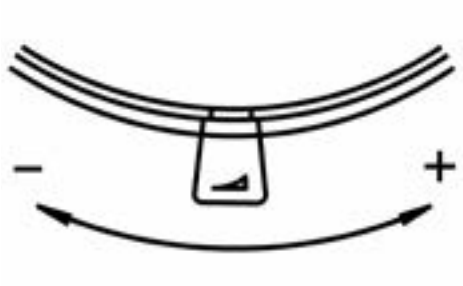
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.5	1.5	etc.
Damper setting (mm)	100% åben (88 mm)	100% åben (88 mm)	35 mm efter 3 min	30 mm efter 2:30 min	30 mm efter 2:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7.5	kW
η_{nom}	Efficiency at nominal outout	86	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	115 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	238	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.4	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	247-297	kg
H/W/D	General dimensions- Height/Width/Depth	1420/730/455	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	780	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	220	mm
d_S	Sides	310	mm
d_L	Front to side front radiation area	850	mm
d_P	Front	1500	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0	mm

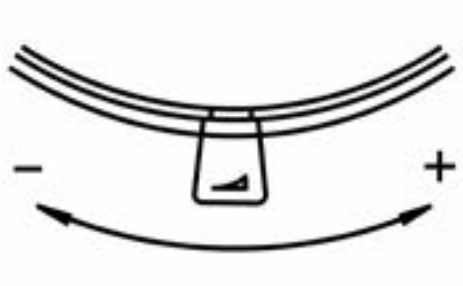
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	1.8	1.8	1.8	1.5	1.5	etc.
Damper setting (mm)	100% åben (88 mm)	100% åben (88 mm)	35 mm efter 2:30 min	28 mm efter 2:30 min	28 mm efter 2:30 min	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	25 cm 	25 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	78	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	103 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	330	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.6	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Liva 5 - mass (weight)	121-175	kg
m	Liva 6 - mass (weight)	133-192	kg
H/W/D	Liva 5 - general dimensions- Height/Width/Depth	1000/510/405	mm
H/W/D	Liva 6 - general dimensions- Height/Width/Depth	1210/510/405	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	300	mm
d_L	Front to side front radiation area	800	mm
d_P	Front	800/500*	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

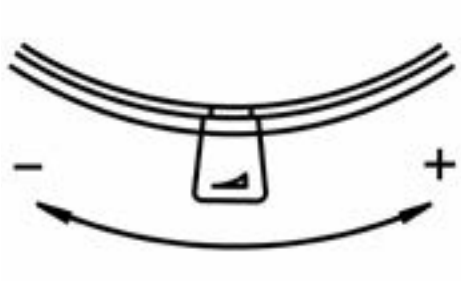
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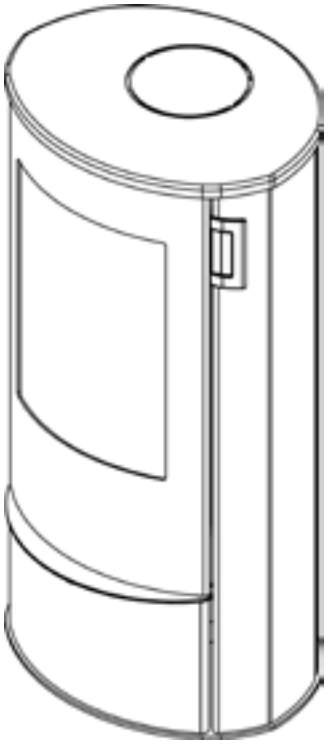
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	2.1	2.1	2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	78	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	103 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	330	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.6	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	157-167	kg
H/W/D	General dimensions- Height/Width/Depth	1100/510/405	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	300	mm
d_L	Front to side front radiation area	800	mm
d_P	Front	800	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

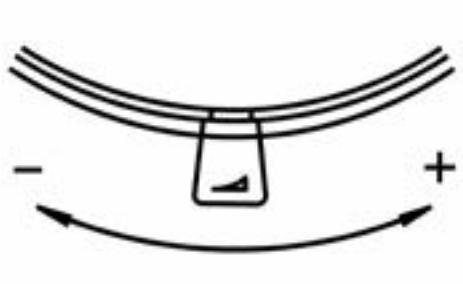
*For further information, see the Declaration of Performance (DoP)

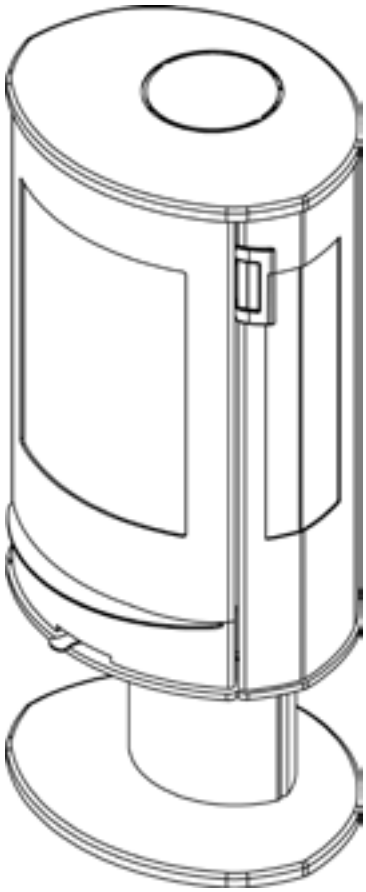
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	2.1	2.1	2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	78	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	103 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	330	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.6	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	0	kg
m	Mass (weight)	110-120	kg
H/W/D	General dimensions- Height/Width/Depth	795/510/405	mm

Minimum distances to combustible materials			
d_B	Under the base	300	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	300	mm
d_L	Front to side front radiation area	800	mm
d_P	Front	800/500*	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

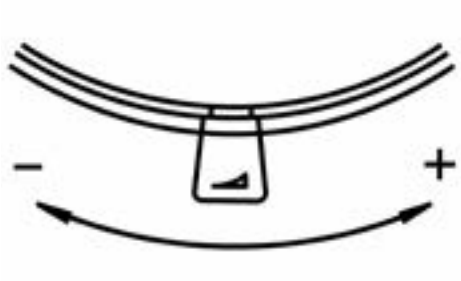
*For further information, see the Declaration of Performance (DoP)

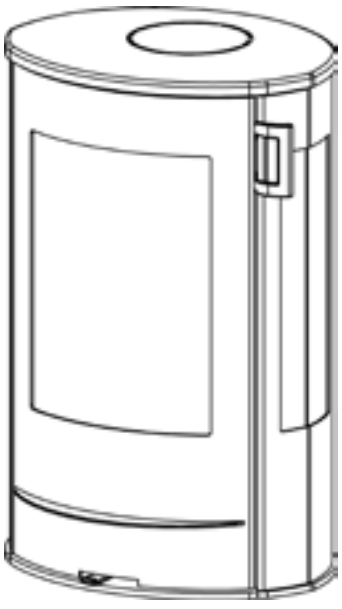
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	2.1	2.1	2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	315	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.8	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mass (weight)	162	kg
H/W/D	General dimensions- Height/Width/Depth	515/915/500	mm

Minimum distances to combustible materials			
d_B	Under the base	300	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	170	mm
d_L	Front to side front radiation area	720	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

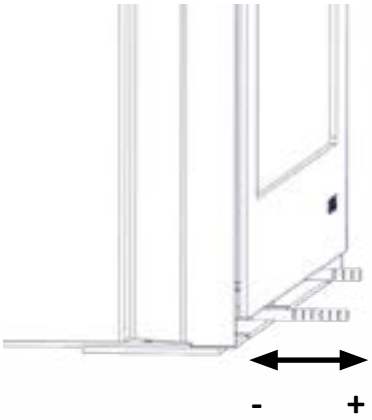
*For further information, see the Declaration of Performance (DoP)

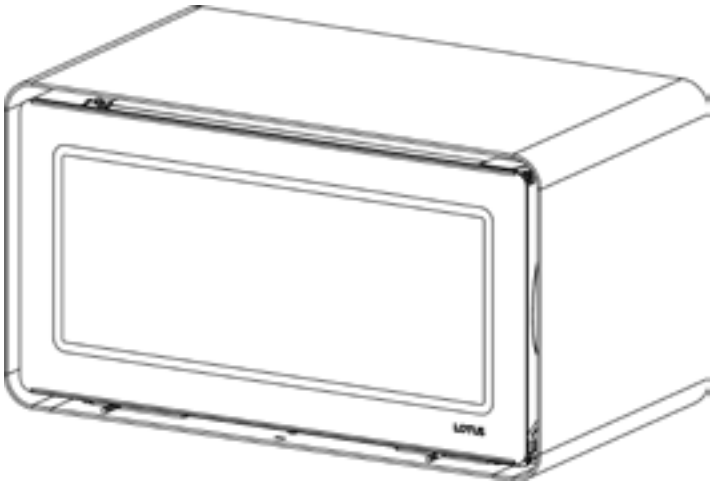
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	1.5-2.1	1.5-2.1	1.5-2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	7	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	315	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6.8	g/s
Tclass	Chimney classification	T400-G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BE	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Living base - mass (weight)	190	kg
m	Living cube - mass (weight)	211	kg
H/W/D	Living base - general dimensions- Height/Width/Depth	800/915/500	mm
H/W/D	Living cube - general dimensions- Height/Width/Depth	910/915/500	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	150	mm
d_S	Sides	170	mm
d_L	Front to side front radiation area	720	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

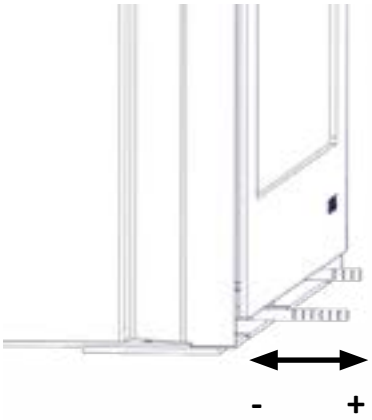
*For further information, see the Declaration of Performance (DoP)

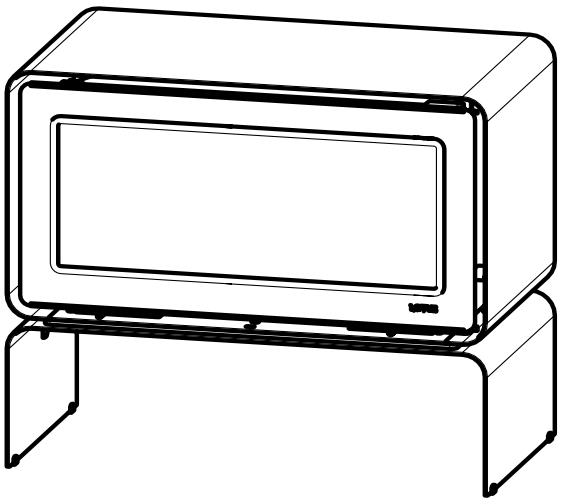
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	1.5-2.1	1.5-2.1	1.5-2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5.9	kW
η_{nom}	Efficiency at nominal outout	80	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	106 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	329	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.5	g/s
Tclass	Chimney classification	T400- G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	
L	Leakage test	NPD	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mondo 30 - mass (weight)	120-153	kg
m	Mondo 30M - mass (weight)	210	kg
H/W/D	Mondo 30 - general dimensions- Height/Width/Depth	990/480/410	mm
H/W/D	Mondo 30M - general dimensions- Height/Width/Depth	1230/480/410	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	180	mm
d_S	Sides	250	mm
d_L	Front to side front radiation area	620	mm
d_P	Front	1150	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

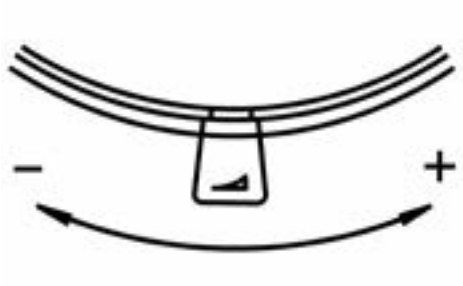
*For further information, see the Declaration of Performance (DoP)

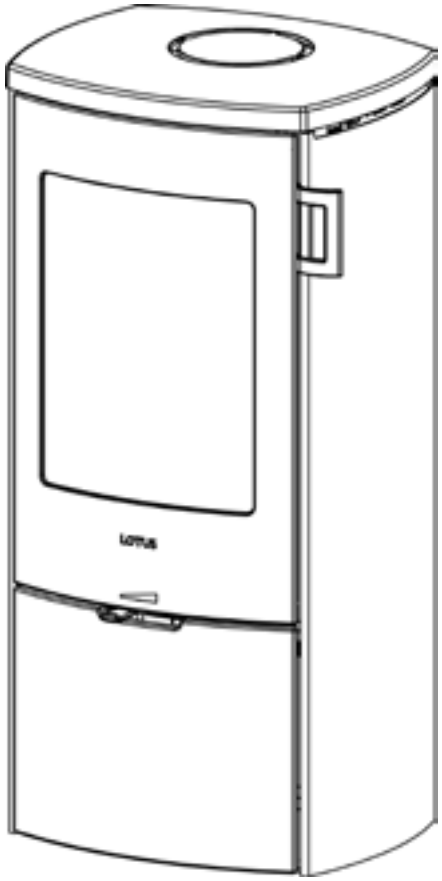
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	1.4	1.4	1.4	etc.
Damper setting (mm)	100% åben (55 mm)	100% åben (55 mm)	20 mm efter 2:10 min	20 mm efter 2:10 min	20 mm efter 2:10 min	etc.
Position and length of firewood	20 cm 	25 cm 	22 cm 	22 cm 	22 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5.9	kW
η_{nom}	Efficiency at nominal outout	80	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	106 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	329	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.5	g/s
Tclass	Chimney classification	T400- G	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	
L	Leakage test	NPD	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Mass (weight)	112	kg
H/W/D	General dimensions- Height/Width/Depth	990/480/410	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	180	mm
d_S	Sides	600	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1000/600*	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	0/0/NPD/0*	mm

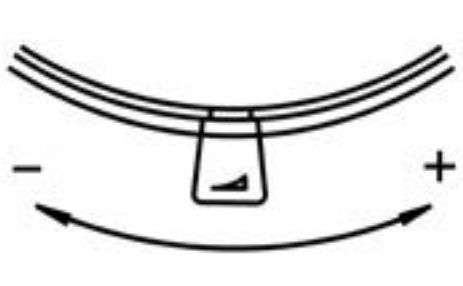
*For further information, see the Declaration of Performance (DoP)

FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	1.4	1.4	1.4	etc.
Damper setting (mm)	100% åben (55 mm)	100% åben (55 mm)	20 mm efter 2:10 min	20 mm efter 2:10 min	20 mm efter 2:10 min	etc.
Position and length of firewood	20 cm 	25 cm 	22 cm 	22 cm 	22 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	81	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	305	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.8	g/s
Tclass	Chimney classification	Pass	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	
L	Leakage test	1.66	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Orbis 1 - mass (weight)	142-145	kg
m	Orbis 2 - mass (weight)	181-184	kg
m	Orbis 3 - mass (weight)	220-223	kg
H/W/D	Orbis 1 - general dimensions- Height/Width/Depth	1090/465/465	mm
H/W/D	Orbis 2 - general dimensions- Height/Width/Depth	1290/465/465	mm
H/W/D	Orbis 3 - general dimensions- Height/Width/Depth	1490/465/465	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	125/75*	mm
d_S	Sides	600	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	30*	mm

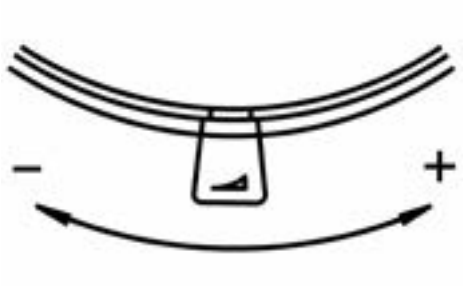
*For further information, see the Declaration of Performance (DoP)

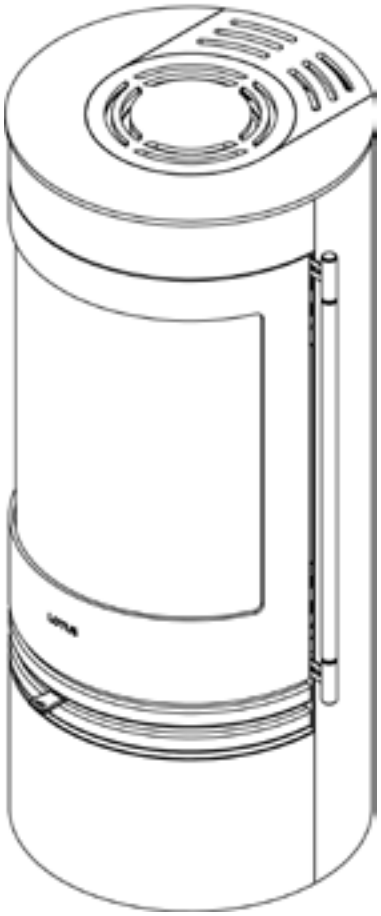
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2.7	1.9	1.3	1.3	1.3	etc.
Damper setting (mm)	100% åben (30.5 mm)	26 mm efter 3:30 min	22 mm efter 2:30 min	22 mm efter 2:40 min	22 mm efter 2:40 min	etc.
Position and length of firewood	20 cm 	25 cm 	23 cm 	23 cm 	23 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	83	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	110 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	296	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.8	g/s
Tclass	Chimney classification	Pass	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	
L	Leakage test	1.66	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Orbis 1 E - mass (weight)	142-145	kg
m	Orbis 2 E - mass (weight)	181-184	kg
m	Orbis 3 E - mass (weight)	220-223	kg
H/W/D	Orbis 1 E - general dimensions- Height/Width/Depth	1090/465/465	mm
H/W/D	Orbis 2 E - general dimensions- Height/Width/Depth	1290/465/465	mm
H/W/D	Orbis 3 E - general dimensions- Height/Width/Depth	1490/465/465	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	125/75*	mm
d_S	Sides	600	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	30*	mm

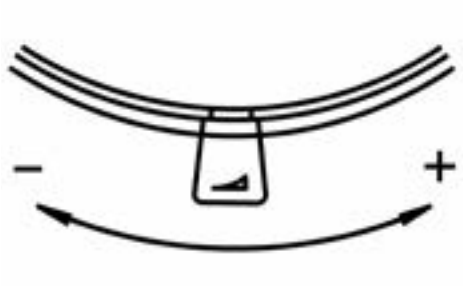
*For further information, see the Declaration of Performance (DoP)

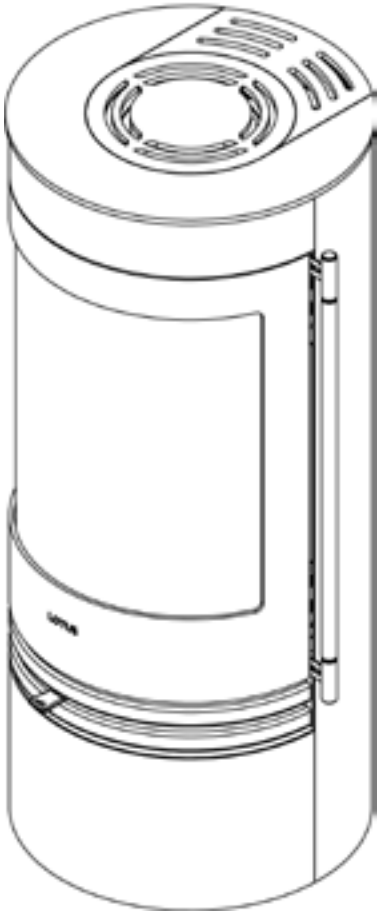
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2.6	1.9	1.2	1.2	1.2	etc.
Damper setting (mm)	100% åben (30.5 mm)	26 mm efter 3:45 min	22 mm efter 3:00 min	22 mm efter 3:00 min	22 mm efter 3:00 min	etc.
Position and length of firewood	20 cm 	25 cm 	23 cm 	23 cm 	23 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

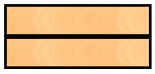
Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5.5	kW
η_{nom}	Efficiency at nominal outout	88	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	117 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	208	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	4.6	g/s
Tclass	Chimney classification	Pass	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	
L	Leakage test	1.66	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Orbis 1 ecoline - mass (weight)	142-145	kg
m	Orbis 2 ecoline - mass (weight)	181-184	kg
m	Orbis 3 ecoline - mass (weight)	220-223	kg
H/W/D	Orbis 1 ecoline - general dimensions- Height/Width/Depth	1090/465/465	mm
H/W/D	Orbis 2 ecoline - general dimensions- Height/Width/Depth	1290/465/465	mm
H/W/D	Orbis 3 ecoline - general dimensions- Height/Width/Depth	1490/465/465	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	750	mm
d_R	Rear	125/75*	mm
d_S	Sides	600	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1100	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	30*	mm

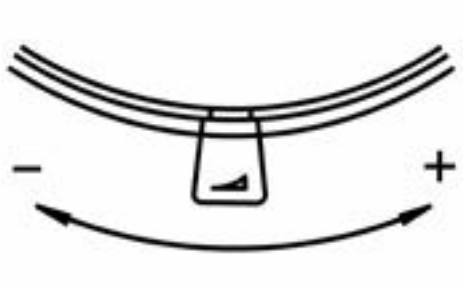
*For further information, see the Declaration of Performance (DoP)

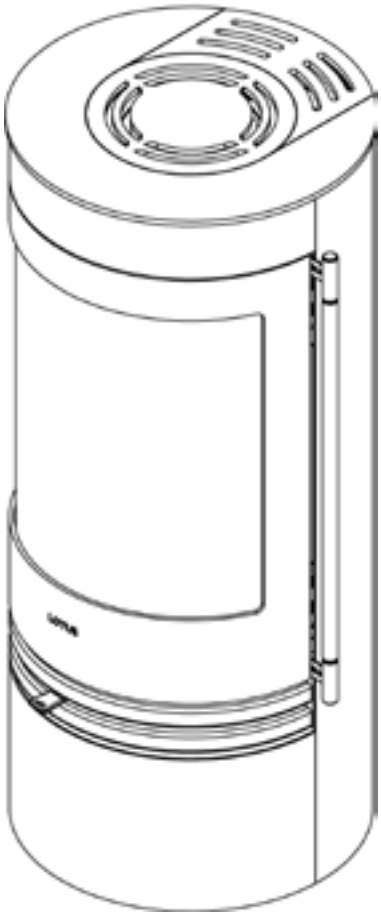
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2.7	1.9	1.25	1.25	1.25	etc.
Damper setting (mm)	100% åben (30.5 mm)	25 mm efter 3:45 min	21 mm efter 2:50 min	21 mm efter 2:45 min	21 mm efter 2:45 min	etc.
Position and length of firewood	20 cm 	25 cm 	23 cm 	23 cm 	23 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





TECHNICAL DATA

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	5	kW
η_{nom}	Efficiency at nominal outout	80	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	107 A+	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	248	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	5.1	g/s
Tclass	Chimney classification	Pass	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	CA	
L	Leakage test	0.83	m³⁄h

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Prestige basic - mass (weight)	127	kg
m	Prestige S - mass (weight)	142-147	kg
m	Prestige M - mass (weight)	356	kg
m	Prestige MST - mass (weight)	326	kg
m	Prestige Magic 40 - mass (weight)	129-158	kg
H/W/D	Prestige basic - general dimensions- Height/Width/Depth	1070/470/390	mm
H/W/D	Prestige S - general dimensions- Height/Width/Depth	1090/470/390	mm
H/W/D	Prestige M - general dimensions- Height/Width/Depth	1260/560/435	mm
H/W/D	Prestige MST - general dimensions- Height/Width/Depth	1225/555/435	mm
H/W/D	Prestige Magic 40 - general dimensions- Height/Width/Depth	1215/485/390	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	>750	mm
d_R	Rear	150	mm
d_S	Sides	250	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	800	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	NPD	mm

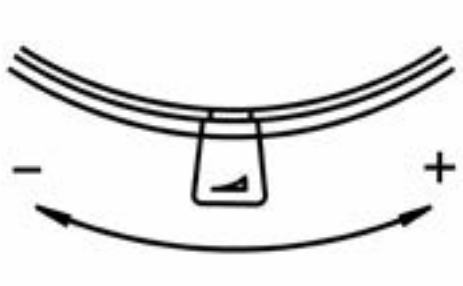
*For further information, see the Declaration of Performance (DoP)

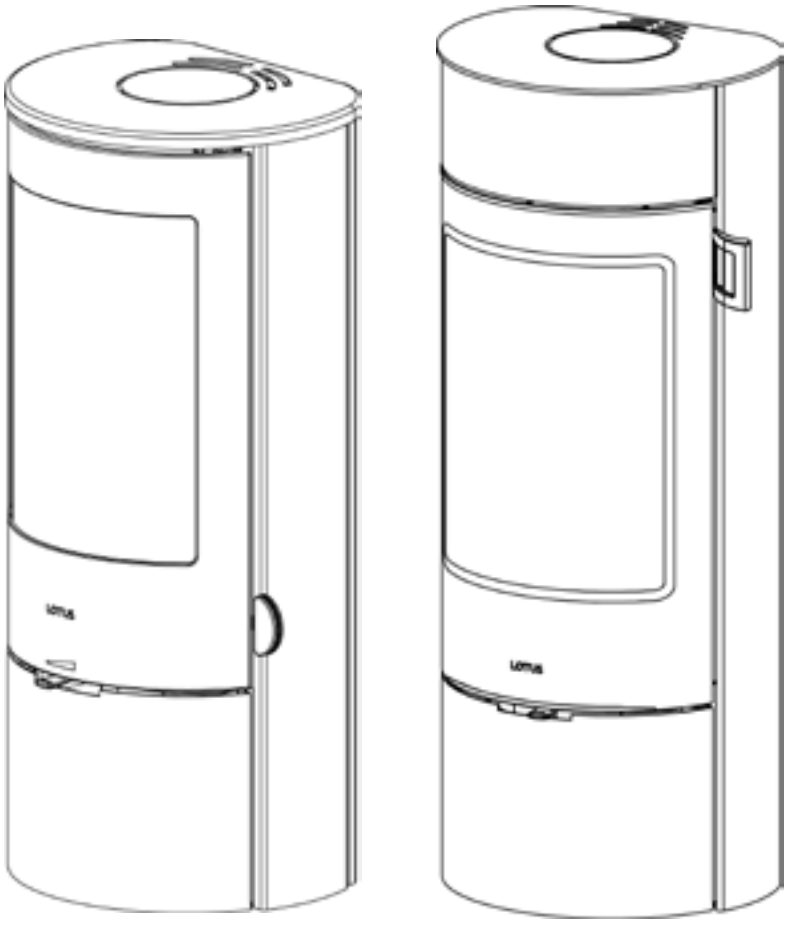
FIRE SCHEDULE

Recommended fuel designation code: *Firewood (I)*						
	Ignition	**Pre-combustion**	**Firing**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2	2	2.1	2.1	2.1	etc.
Position and length of firewood	20 cm 	30 cm 	30 cm 	30 cm 	30 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





Technical data

Test in accordance with EN 16510-2-1			
P_{nom}	Nominal output	6	kW
η_{nom}	Efficiency at nominal outout	78	%
η_S	Seasonal efficiency at nominal outout	≥65	%
EEI	Energy efficiency index	103 A	
CO_{nom}	CO emissions 13% O_2 at nominal output	≤1250	mg/m³
NOx_{nom}	NOx emissions 13% O_2 nominal outoutt	≤200	mg/m³
OGC_{nom}	Hydrocarbon emissions 13% O_2 at nominal outout	≤120	mg/m^3
PM_{nom}	Particulate emissions 13% O_2 at nominal outout	≤40	mg/m^3
p_{nom}	Minimum flue draught at nominal output	12	Pa
T_{snom}	Flue gas outlet temperature at nominal output	287	˚C
$\Phi_{f,g\ nom}$	Flue gas mass flow at nominal output	6,0	g/s
Tclass	Chimney classification	Pass	
CON or INT	Continuous operation (CON) / Intermittent operation (INT)	INT	
Type	Appliance type	BF	

Basic technical data			
d_{out}	Flue gas outlet diameter	150	mm
m_{chim}	Maximum load from the chimney on the stove	120	kg
m	Prio 5 - Mass (weight)	164-240	kg
m	Prio 6 - Mass (weight)	164-226	kg
m	Prio 7 - Mass (weight)	212	kg
m	Prio 7M - Mass (weight)	257	kg
m	Prio M - Mass (weight)	310	kg
H/B/D	Prio 5 - General dimensions- Height/Width/Depth	1110/540/440	mm
H/B/D	Prio 6 - General dimensions- Height/Width/Depth	1110/540/440	mm
H/B/D	Prio 7 - General dimensions- Height/Width/Depth	1470/540/440	mm
H/B/D	Prio 7M - General dimensions- Height/Width/Depth	1490/540/440	mm
H/B/D	Prio M - General dimensions- Height/Width/Depth	1485/540/440	mm

Minimum distances to combustible materials			
d_B	Under the base	0	mm
d_F	Front to lower front radiation area	0	mm
d_C	From top of oven to ceiling	>750	mm
d_R	Rear	250/150*	mm
d_S	Sides	450 (400*)	mm
d_L	Front to side front radiation area	0	mm
d_P	Front	1200	mm
d_{non}	Minimum distances to non-combustible walls	0	mm
s	Insulation material thickness	NPD	mm

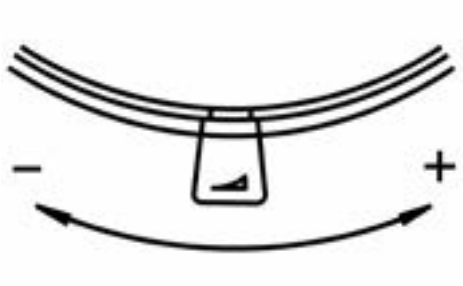
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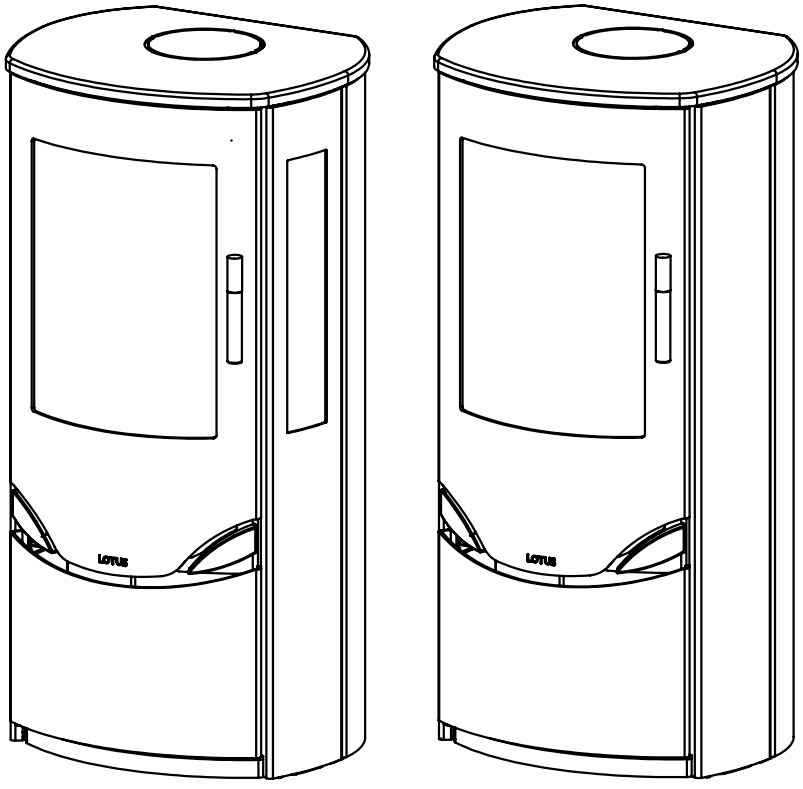
FIRE SCHEDULE

Recommended fuel designation code: Firewood (I)						
	Ignition	**Pre-combustion**	**Pre-combustion**	**Firing**	**Firing**	**Firing**
Firewood (kg)	2,4	1,75	1,3	1,3	1,3	etc.
Spjæld indstilling (mm)	100% (47 mm)	40 mm after 2-2:30 min.	35,5 mm. after 2:50-3:00 min.	35,5 mm. after 2:50-3:00 min.	35,5 mm. after 2:50-3:00 min.	etc.
Position and length of firewood		27 cm 	27 cm 	27 cm 	27 cm 	etc.

Contact Lotus for a detailed firing guide, during nominal testing or in connection with market surveillance sampling.

ADJUSTING THE AIR DAMPER





Tabel 1

Model identifier:*
Indirect heating function: N.A
Direct heat output:*

				Local heating emissions at nominal heat output [X] mg/Nm³ (13% O_2)				Emissions from local heating at minimal rated heat output [X] mg/Nm³ (13% O_2)			
Fuel	**Preferred fuel**	**Other suitable fuel(s)**	**ηs [x%]**	**PM**	**OGC**	**CO**	**NOX**	**PM**	**OGC**	**CO**	**NOx**
Wood logs, moisture content ≤ 25 %		no	*	*	*	*	*	NA	NA	NA	NA
Compressed wood, moisture content < 12 % (e.g. according to ISO 17225-3	yes	no									
Other woody biomass	no	no									
Non-woody biomass	no	no									
Anthracite and dry steam coal	no	no									
Hard coke	no	no									
Low temperature coke	no	no									
Bituminous coal	no	no									
Lignite briquettes	no	no									
Peat briquettes	no	no									
Blended fossil fuel briquettes	no	no									
Other fossil fuel	no	no									
Blended biomass and fossil fuel briquettes	no	no									
Other blend of biomass and solid fuel	no	no									

Heat output	**Symbol**	**Value**	**Unit**
Nominal heat output	P nom	*	kW
Minimum heat output	P min	N.A.	kW
Auxiliary power consumption			
At nominal heat output	el max	N.A.	kW
At minimum heat output	el min	N.A.	kW
In standby mode	el SB	N.A.	kW

Fuel efficiency (Based on the net calorific value (NCV))	**Symbol**	**Value**	**Unit**
Fuel efficiency at nominal heat output	ηth,nom	*	%
Fuel efficiency at minimum heat output	ηth,min	N.A.	%
Permanent pilot flame power requirement			
Pilot flame power requirement (if applicable)	Ppilot	N.A.	kW

Type of heat output/room temperature control

Single-stage heat output, no room temperature control	No
two or more manual stages, no room temperature control	Yes
with mechanic thermostat room temperature control	No
with electronic room temperature control	No
with electronic room temperature control plus day timer	No
with electronic room temperature control plus week timer	No

Other control options

room temperature control, with presence detectors	No
room temperature control, with open window detection	No
with distance control option	No

*See the CE Declaration of conformity and the technical data sheet for the stove model.