

FOX II FOX II



RIKATRONIC3

Operating manual



TABLE OF CONTENTS

Explanations to symbols.....	3
1. IMPORTANT INFORMATION	5
Packaging.....	5
General warning and safety information	5
Electrical connection (RIKAair).....	5
First heating.....	5
The correct chimney connection	6
Multiple and mixed occupancy.....	6
Room air independent operation.....	6
Room air dependent operation.....	6
2. INSTALLING THE STOVE	7
Connection to the chimney	7
Connecting to a steel chimney	7
Combustion air	7
Feeding in external combustion air	7
3. FIRE PROTECTION	8
Minimum distances.....	8
Radiation range	9
Floor protection	9
4. BRIEF INFORMATION ON COMBUSTIBLE - LOGS	10
Suitable fuels and fuel amounts	10
Wood types.....	10
Output controlling.....	10
Clean combustion.....	10
Time-burning fireplace (INT).....	10
Amount of fuel	10
5. ASSEMBLY OPTIONS	11
Refitting the top smoke pipe connection to the rear connection	11
Removal of the stone.....	11
6. MANUAL OPERATION	12
Combustion air regulation.....	12
RIKA firelighter.....	12
Correct heating up.....	12
7. OPERATION - RIKATRONIC3	13
Operating the riddle grate	13
RIKA firelighter.....	13
Heating instructions.....	13
Correct heating up.....	13
Adding wood	14
ECO operation.....	14
Complete closing of the air flaps	14
Power failure.....	14
Manual regulation.....	14
Status displays.....	15
Warnings and malfunction messages.....	16

8. MAINTENANCE AND CLEANING	17
Basic information	17
Empty the ash drawer	17
Checking the door contact	17
Cleaning the door glass	17
Checking door seal	17
Cleaning painted surfaces	17
Cleaning the flame temperature sensor	17
Cleaning the convection air openings	17
Combustion air - air intake	17
Cleaning the flue gas channels	17
9. PROBLEMS - POSSIBLE SOLUTIONS	18
Problem 1	18
Problem 2	18
Problem 3	18
10. TECHNICAL DATA	20
Dimensions, weight and connection	28
Technical data	29
Spare part overview exploded diagram	30
Spare part overview - article numbers	33
11. GUARANTEE CONDITIONS	36
12. WARRANTY CONDITIONS	36
13. DISPOSAL INFORMATION	37
Information on the individual components of the device	37
Extract from the waste code of the European Waste List Regulation	37
Electronic Waste	37
14. COMPLIANCE WITH EU REGULATIONS	37

Explanations to symbols



...important
Note



...Crosstip screwdriver



...Read and follow the
operating instructions



...useful
Tip



...Hex #8



...do not dispose of in
household waste



...manually



...complies with EU
regulations



A STOVE IS ALWAYS MORE THAN „JUST“ A SOURCE OF HEAT.

Dear customer,

We would like to thank you for purchasing our high-quality stove. With this quality product, we not only want to bring warmth into your home, but also create cosiness and comfort.

We are proud to be able to offer you a product that is not only functional, but also impresses with its attractive design. We attach great importance to quality and sustainability and are convinced that you will enjoy your new stove for a long time.

To ensure the long-term performance and efficiency of your stove, it is important to carry out regular cleaning and maintenance work. Here are some important points to bear in mind:

1. **clean the inside of the oven regularly to remove deposits and dirt. You will find detailed information on this under „CLEANING & MAINTENANCE“.**
2. **have the oven serviced regularly by a specialist to ensure that all components are working properly and show no signs of wear.**
3. **please also observe the recommended safety measures to avoid accidents and damage.**

By carrying out these simple care and maintenance measures regularly, you can ensure that your stove functions optimally and that you can enjoy it for a long time.

We wish you a pleasant „oven time“ and thank you for your trust and support.

Yours sincerely

Karl Stefan Riener

Karl Philipp Riener

Stefan Riener

1. IMPORTANT INFORMATION

Packaging

Your first impression is important to us!

The packaging of your new stove provides excellent protection against damage. However damage to the stove and accessories may still occur during transport.

Note

Therefore please check your stove on receipt for damage and completeness! Report any deficiencies to your dealer immediately! Pay particular attention during unpacking that the stone panels remain intact. Scratches to the material can easily occur. Stone panels are excluded from the warrant.

The packaging of your new stove is environmentally neutral to a great extent.

Tip

The wood used in the packaging has not been surface treated and may therefore be burnt in your woodburning stove (not in a pelletstove!). The cardboard and film (PE) can be depolluted via the municipal waste collection for recycling.

General warning and safety information

Observance of the introductory general warning information is imperative.

- Read the entire manual thoroughly before installing and putting the stove into service.
- The owner of the small firing installation or the person authorised to dispose of the small firing installation must keep the technical documentation and present it to the authorities or the chimney sweep on request.
- Observe the national and European standards and local regulations that apply to the installation and operation of the fireplace!
- RIKA stoves should only be installed in rooms with normal humidity (dry areas according to VDE 0100 Part 200). The furnaces are not splash water protected and may not be installed in wet areas. The minimum size is based on the room heating capacity or the house insulation.
- Only approved transport equipment with sufficient load carrying capacity may be used with your heating appliance.
- Your heating appliance is not suitable for use as a ladder or stationary scaffolding.
- Under no circumstances may the stove be operated with defective door seals. The seals must be replaced with original RIKA seals by a specialised company.
- The burning of fuel releases heat energy that lead to extensive heating of the stove surfaces, doors, door and operating handles, glass, flue pipes and possibly the front wall. Refrain from touching these parts without appropriate protective clothing or equipment e.g. heat-resistant gloves or means of operation (operating handle).
- Make your children aware of this particular danger and keep them away from the stove during heating.
- Only burn approved heating materials.
- The combustion or introduction of highly flammable or explosive materials (petrol, petrol-type lamp oils, paraffin, barbecue coal lighter, ethyl alcohol or similar liquids), such as empty spray cans etc. in the combustion chamber and storing them near the stove is strictly prohibited due to the danger of explosion.
- No light or inflammable clothing is to be worn when post-heating.
- Use the heat-resistant gloves supplied to open the doors of your stove.

- Only use suitable tools from our range of accessories when handling embers and make sure that no embers fall out of the combustion chamber onto inflammable material.
- Push the embers together to form a firebed when you add new fuel (logs).
- Placing non-heat resistant objects on the stove or near it is prohibited.
- Do not place clothing on the stove to dry.
- Laundry racks etc. must be placed at a sufficient distance to the stove – ACUTE DANGER OF FIRE!
- When your stove is burning, the use of highly inflammable and explosive materials in the same or adjacent rooms is prohibited.

Note

Waste and liquids may not be burnt in the stove!

Note

To prevent your stove from overheating of the internal components, do never cover the convection fins!

Note

Your stove will expand and contract during the heating and cooling phase. This can sometimes lead to slight bending or cracking noises. This is normal and is no reason for a complaint.

Note

No changes may be made to the fireplace. This will also invalidate the guarantee and warranty.

Electrical connection (RIKAair)

The stove is supplied with an approx. 2m long connecting cable with a Euro-plug. This cable is to be connected to a 230Volt/50Hz socket. The average electrical power consumption is about 3 Watt in heating operation. The connection cable must be laid so that there is no contact to any sharp edges or hot surfaces of the stove.

Danger to life!

Operation with a damaged connection cable is not permitted! If the connection cable is damaged, it must be replaced immediately by a qualified specialist company to avoid further danger.

Note

No liability is accepted for damage to the appliance caused by improper connection and use and the warranty is void.

First heating

The stove body, just as various steel parts, cast iron parts and the flue pipes are painted with a heat resistant paint. During the first heating the paint dries out completely. This may cause a slight smell. Touching or cleaning the painted surfaces during the curing should be avoided. The hardening of the paint is finished after the first heating with high power.

The correct chimney connection

To select the connection and to ensure a correct connection between the stove and the chimney (flue), please read the section on installing the stove or ask your local master chimney sweep.

- Flue pipes pose a particular source of hazard regarding gas leaks and fire. Get the advice of an authorised specialist company for the layout and assembly.
- Please observe the corresponding installation guidelines for walls panelled with wood when connecting your flue pipes to the stove.
- Observe the formation of flue gas (atmospheric inversion) and draughts when the weather is unfavourable.
- Infeed of too little combustion air can lead to smoke in the rooms or to flue gas leaks. Hazardous deposits in the stove and chimney may also occur.
- If flue gas escapes, let the fire burn out and check whether all the air inlet openings are free and the flue gas pipes and the stove pipe are clean. If in doubt notify the master chimney sweep since draught malfunctions may be connected to your chimney.
- Suitable for multiple occupancy. (Note the different country regulations.)
- These may only be operated with the combustion chamber door closed.
- The combustion chamber door may only be opened to add fuel and must then be closed again otherwise other firing installations connected to the chimney may be endangered.
- The combustion chamber door is to be kept closed when the stove is not in operation.
- Fouling of the chimney i.e. deposits of highly inflammable materials such as soot and tar and subsequently fire in the chimney may occur if wet fuel is used and operation is damped too much.
- If this occurs, close the fresh air support (slider, regulator, flaps - depending on model)! Phone the fire brigade and get yourself and other residents out of harm's way.

Multiple and mixed occupancy

- Your oven is suitable for multiple and mixed use and may only be operated with the firebox door closed.
- A chimney calculation in accordance with EN13384-2 is required.
- Mixed occupancy only in conjunction with BROKO safety device in accordance with DIBt approval Z-43.13-485.
- Please note the different country regulations.

Room air independent operation

Your stove is a CM type and can therefore also be operated as a room air independent log-burning stove.

Provided that the required combustion air is supplied from outside via sealed pipes, the stove may also be installed in rooms that are permanently sealed in accordance with the state of the art, as well as in rooms equipped with mechanical ventilation systems. (See SUPPLY OF EXTERNAL COMBUSTION AIR).

The oven must not be installed with ventilation systems that have a negative pressure of less than -15 Pa.

Note

Please always consult your local chimney sweep to ensure compliance with the applicable local regulations and rules.



Room air dependent operation

If the stove is installed without an external air supply, it is considered to be room-air dependent.

All combustion air is drawn from the installation room via the central air intake manifold on the rear of the furnace.

Therefore, ensure that there is always sufficient fresh air for proper combustion and that no room air extraction systems are affecting the stove.

The required amount of fresh air can be found in the technical data list.

When used in combination with ventilation and air conditioning systems (e.g. controlled ventilation systems, extractor hoods, etc.), it must be ensured that the stove and the ventilation and air conditioning system are mutually monitored and secured (e.g. via a differential pressure controller, etc.). The necessary combustion air supply of approx. 20 m³/h must be guaranteed.

2. INSTALLING THE STOVE

Note

Assembly may only be performed by authorised specialist companies.

Note

Please observe the regional safety and building regulations. Please contact your master chimney sweep in this context.

Note

Only use heat-resistant sealing materials as well as corresponding sealing strips, heat-resistant silicon and rock wool.

Note

Also take care that the flue does not project into the free cross-section of the chimney.

Note

In case of room-air independent operation the stove pipe connections must be tightly sealed permanently. Use a heat-proof silicon to position the stove pipe on the conical supports of the flue tube nozzles and for insertion in the chimney flue lining.

Note

The stove should not be pushed on unprotected floors.

Tip

Strong corrugated cardboard, cardboard or e.g. old carpet is useful to assist assembly and as a base. The stove can also be pushed on this cardboard or carpet.

We recommend original flue pipes from RIKA for proper connection.

Connection to the chimney

- The device must be connected to a flue that is approved for solid fuels and is insensitive to moisture. The moisture insensitivity may vary if the flue calculation results in a dry operation.
- The temperature class of the flue gas system (chimney and flue pipe) must be at least class T200 soot fire resistant for pellet fireplaces in accordance with EN16510-2-6 and at least class T400 soot fire resistant for all other appliances.
- The chimney must have a diameter of min. 100 mm for pellet stoves and 130 mm -150 mm for log wood stoves depending on the diameter of the flue pipes.
- Avoid long flue pipes to the chimney. The horizontal length of the flue pipe should not exceed 1.5 metres.
- Avoid too many bends of the flue gas pipes. There should not be more than 3 bends in the exhaust pipe.
- Please use a connection with a cleaning opening.
- Connections must be made of metal and must meet the requirements of the standard (install the connections airtight).
- Before installing a chimney calculation must be made. The evidence must be performed for single occupancy to EN13384-1 and EN13384-2 for multiple occupancy.
- The maximum draft of the chimney should not exceed 15 Pa.
- The derivation of the flue gases must be guaranteed even during a temporary power outage.

Note

If connecting to multiple connection chimneys and depending on country regulations, additional safety equipment is required. Your local chimney sweep will advise you in this case.

Note

Be sure to prevent condensed water from entering via the flue connection. For combination stoves, a condensate collection pipe must be used for ceiling connection or flue pipe connection at the top. Damages caused by condensate are excluded from manufacturer's warranty.

Connecting to a steel chimney

The connection must be calculated and shown with EN13384-1 and EN13384-2.

Use only insulated (double) stainless steel tubes (flexible aluminum or steel tubes are not permitted).

An inspection door for regular inspection and cleaning must be present.

The flue pipe connection to the chimney has to be air-tight.

Combustion air

Every combustion process requires oxygen from the surrounding air. This so-called combustion air is removed from the living area in the case of individual stoves without external air connections.

This air removed must be replaced in the living space. Very tightly sealed windows and doors in modern flats may mean that too little air replaces that used. The situation also becomes problematical due to additional venting in flats (e.g. in the kitchen or WC). If you cannot feed in external combustion air, then air the room several times a day to prevent negative pressure in the room or poor combustion.

Feeding in external combustion air

only for devices which are able to run in room-air independent operation.

- Combustion air must be fed to the stove from outside via a sealed pipe for operation independent of the room air. According to EnEV, it must be possible to shut off the combustion air pipe. The open/closed setting must be clearly recognisable.
- Connect at the air intake either a pipe Ø 125 mm for log wood and combi stoves, or Ø 50 mm or Ø 60 mm for pellet stoves. Fix it with a hose clamp (not included!). At pellet stoves with longer intake pipes than 1 m the diameter should be increased to 100 mm. (see RIKA range).
- To ensure sufficient air intake, the intake pipe should not exceed max. 4 metres and have max. 3 bends.
- If the line leads outside it must have a windbreak.
- In extreme cold pay attention to icing on the air intake opening (check).
- It is also possible to suction in combustion air directly from another sufficiently vented room (e.g. cellar).
- The combustion air pipe must be tightly connected (adhesive or cement) permanently to the air nozzles of the stove.
- If you do not use the stove for a long time, please close the combustion air intake to prevent the stove from moisture.

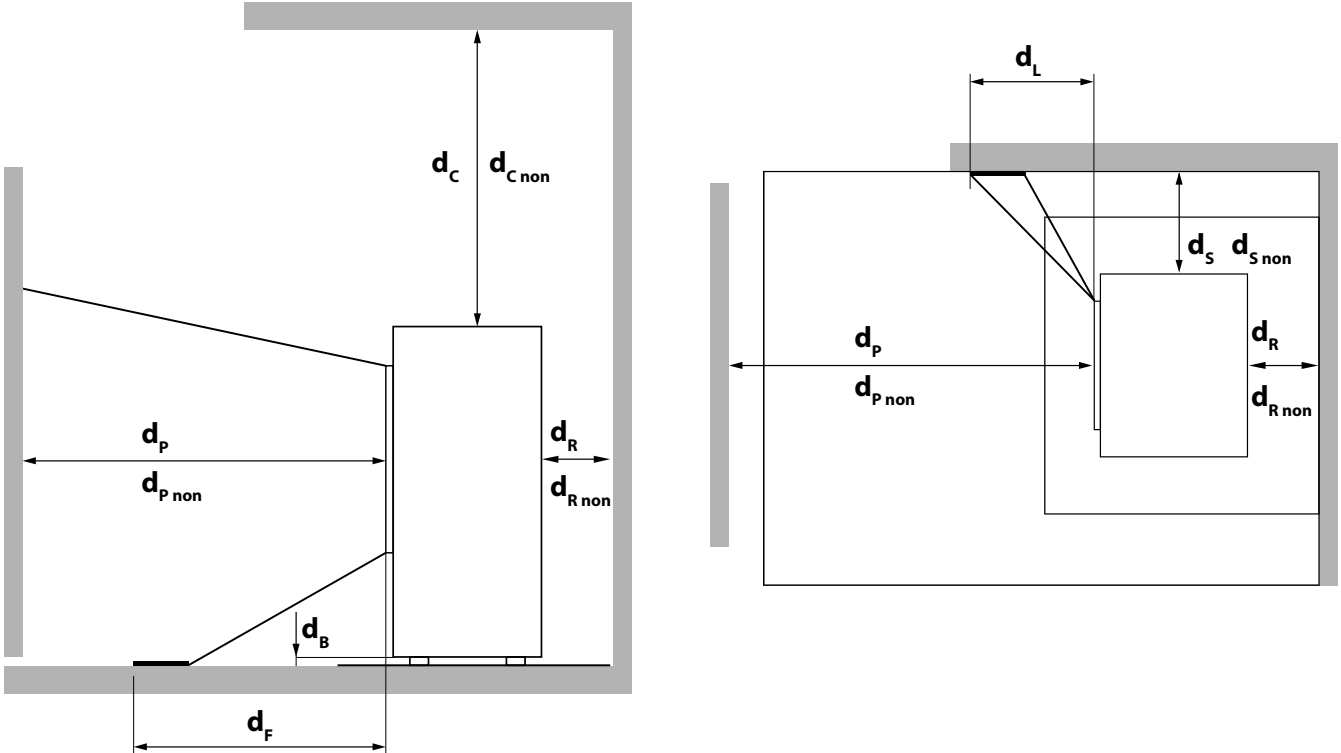
Note

Please note that problems may arise due to updrafts in the case of combustion air supply from an integrated chimney ventilation shaft. If the combustion air flowing downwards is heated it may rise and thus counter the chimney with a resistance which in turn reduces the negative pressure in the combustion chamber. The chimney manufacturer is to guarantee that the resistance for the combustion air is a maximum 2 Pa even in the least favourable operating state of the chimney.

If one or more of these conditions does NOT apply, the result is poor combustion in the stove and negative pressure in the installation room.

3. FIRE PROTECTION

Minimum distances



Minimum distance...

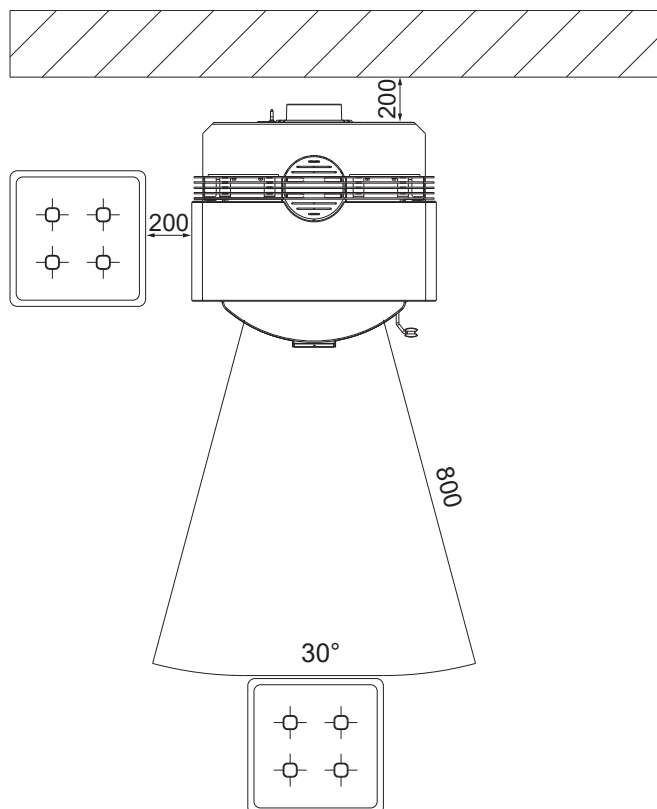
d_R	... from the back to combustible materials	[mm]	200
d_S	... from the sides to flammable materials	[mm]	200
d_C	... from the top to flammable materials in the ceiling	[mm]	500
d_P	... from the front to flammable materials	[mm]	800
d_F	... from the front to flammable materials in the lower front radiation area	[mm]	0
d_L	... from the front to flammable materials in the lateral front radiation area	[mm]	0
d_B	... below the floor (without feet) to combustible materials	[mm]	0
d_{Rnon}	...from the reverse side to non-combustible materials	[mm]	100
d_{Snon}	...from the side on non-combustible materials	[mm]	100
d_{Cnon}	...from the top surface to the non-combustible materials in the ceiling	[mm]	500
d_{Pnon}	...from the front wall to non-combustible materials	[mm]	400

Tip
For service and maintenance work, please keep a minimum distance of 20 cm to the side and behind the stove.

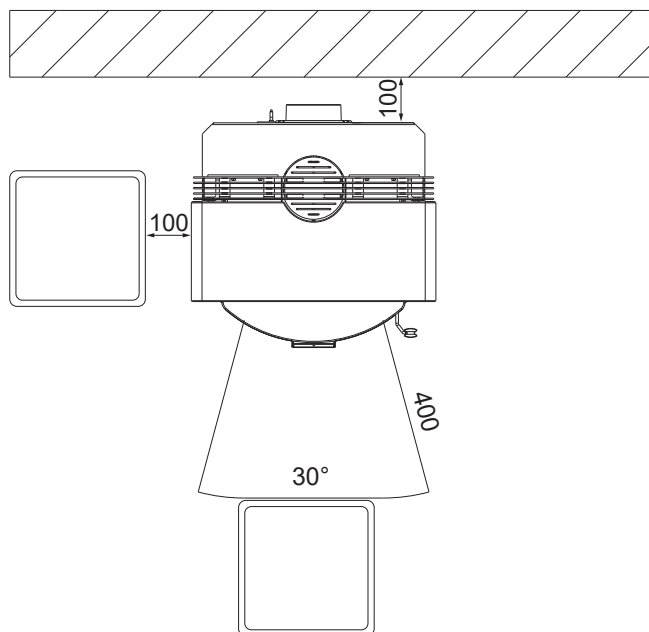


Radiation range

TO COMBUSTIBLE MATERIALS



TO NON-COMBUSTIBLE MATERIALS



ENGLISH

Floor protection

Combustible floors (wood, carpet, etc.) must be protected by a covering of non-combustible building materials (glass, sheet steel or ceramics). How this floor protection is to be implemented varies from country to country.

The maximum temperature at the bottom of your oven model does not exceed 60 °C above room temperature. This means that there cannot be an excessive increase in temperature in the lower area of the oven and it is not absolutely necessary to place a fireproof plate underneath. A shelf would therefore be sufficient.

Note

The country-specific regulations and ordinances must be observed!



Tip

If no state law deals with this topic, reference can be made to **ÖNORM B8311**.

Fireplaces must be placed on a support made of non-combustible materials on the floor. This must protrude at least 5 cm from the side of the fireplace and at least 30 cm on the operating side in front of the combustion chamber opening.



4. BRIEF INFORMATION ON COMBUSTIBLE - LOGS

Suitable fuels and fuel amounts

Your stove is generally suitable for burning dry firewood. You can also burn combustibles such as wood briquettes.

Note

A stove is not a waste incinerator. The warranty lapses if waste or non-approved materials such as plastic, treated wood (chipboard), coals or clothes are burnt! This leads to damage to the stove and chimney and to environmental pollution!

Note

FUEL AMOUNTS

The stove is fitted with a construction-specific flat firebox. This means only one layer of logs may be laid on the base embers.

Please observe that adding greater quantities of logs leads to emission of high temperatures, higher than the stove is designed for. This may cause damage to your stove. This is reflected in particular on the glass of the combustion chamber door, which will get a gray haze in case of overheating the stove, which can not be removed.

Wood types

Different types of wood have different calorific values. Wood from deciduous trees is particularly suitable. It burns with a constant flame and forms long-lasting embers. Coniferous wood has higher levels of resin and burns off faster as do all softwoods and tends to spray sparks.

Wood type	Calorific value kWh/m ³	Calorific value kWh/kg
Maple	1900	4,1
Birch	1900	4,3
Beech	2100	4,2
Oak	2100	4,2
Alder	1500	4,1
Ash	2100	4,2
Spruce	1700	4,4
Larch	1700	4,4
Poplar	1200	4,1
Robinia	2100	4,1
Fir	1400	4,5
Elm	1900	4,1
Willow	1400	4,1

Output controlling

The output of your stove is regulated manually or via the Rikatronik-control. Please observe that the output of your stove also depends on the chimney draught and the amount of fuel added.

Clean combustion

1. The firewood must be dry and untreated.

The should-be value is between 14 % and 18 % relative wood moisture.

Wood has to be stored dry and ventilated for 2–3 years.

2. Correct firewood amount and size:

- Too much firewood leads to overheating. This can damage your stove and increases the exhaust emission values.
- If you take too little firewood or if the logs you place are too large the stove will not reach the optimum operating temperature. The flue gas values also increase in this case.
- For right quantity of firewood see AMOUNT OF FUEL.

Amount of fuel

	Nominal load	Part load
Amount of fuel 8 kW	~2,2 kg*	~1,1 kg*
Amount of fuel 6 kW	~1,8 kg*	-

* Practical values may vary depending on fuel quality.

Time-burning fireplace (INT)

Your stove corresponds to the INT type and is therefore a time-burning fireplace. This is intended for operation at short intervals over any period of time by successive filling.

Note

If the stove is heated in continuous operation, this results in increased wear, especially of the thermally stressed parts. The cleaning intervals may be shortened. It is therefore essential to observe the cleaning and maintenance instructions!

5. ASSEMBLY OPTIONS

Note

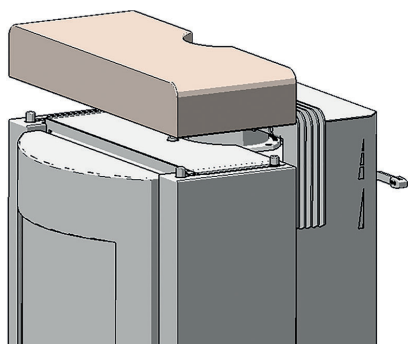
Only perform manipulation of the unit when the mains plug of the stove has been disconnected (RIKATRONIC3) and the stove has cooled down completely.

Note

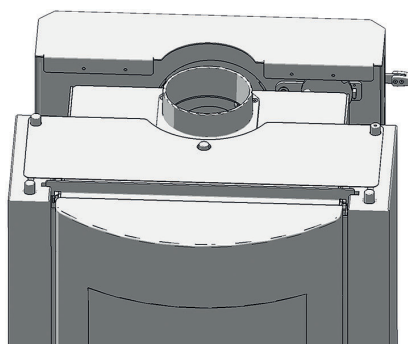
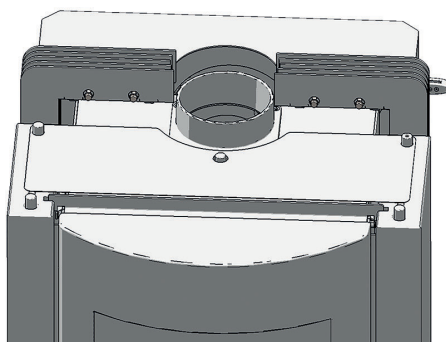
Take special care of your fingers and all stove panels and stove attachments during any conversion work. Select soft bases to prevent scratches to your living space furniture and stove panels.

Refitting the top smoke pipe connection to the rear connection

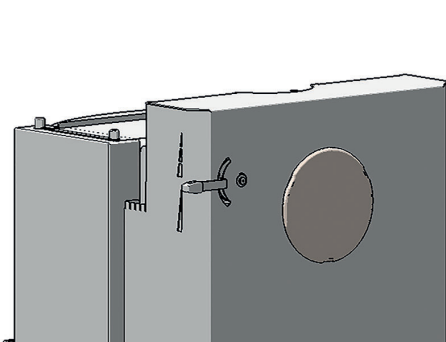
Remove the stone top plate.



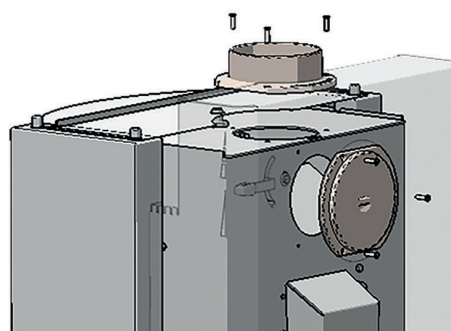
Remove the lamellas by loosening the two hexagon head screws.



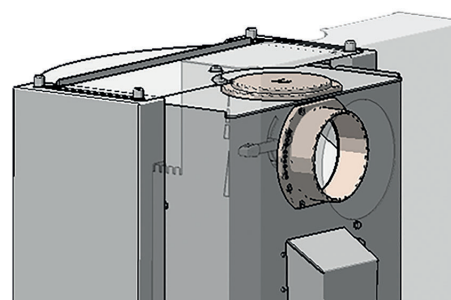
Take off the pre-stamped round section in the rear panel.



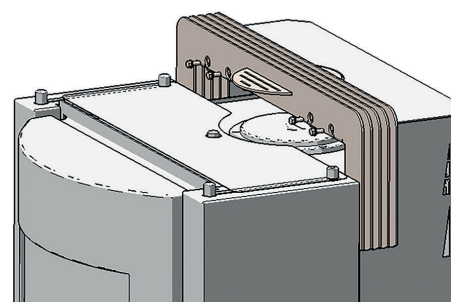
Exchange the smoke tube outlet and cover plate.



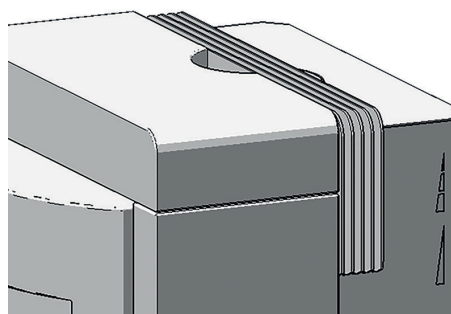
ENGLISH



Reassemble the new lamella (must be ordered as an optional extra) and the stone in reverse order.

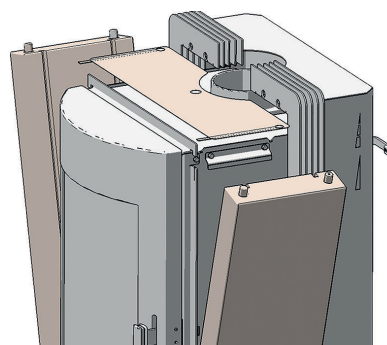


Reassemble the stone side panels in reverse order.



Removal of the stone

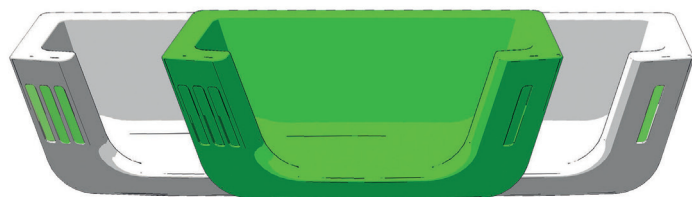
Take off the cover sheet. Check the securing device of the side sections to prevent tipping. Now remove the two stone side panels. Put it on a soft base.



6. MANUAL OPERATION

Combustion air regulation

The performance of your stove also depends on the chimney draught; therefore the control knob for combustion air regulation must be used according to your own experience.



The primary air intake is absolutely necessary for heating up. The "heating-up position" may only be used for heating up.

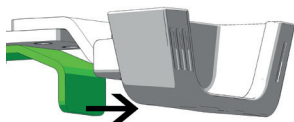
Note

The air control seals to 100%. Complete closing of the air regulator (zero setting of control knob) during operation poses a hazard of deflagration and is strictly prohibited.

If the stove is not in use, warm air can release through the chimney. The zero position of the control knob can prevent this.

Depending on model:

To prevent air intake completely, the control handle behind the air control knob must be pulled to the front, only then the zero position can be set and the air regulator thus be closed.



RIKA firelighter

Always ignite the RIKA firelighter on the red tip. One block consists out of 8 ribs which can be divided to the desired size. The amount of RIKA firelighters also depends on the size and humidity of your firewood. Ideally, one rib is enough to light up the fire.



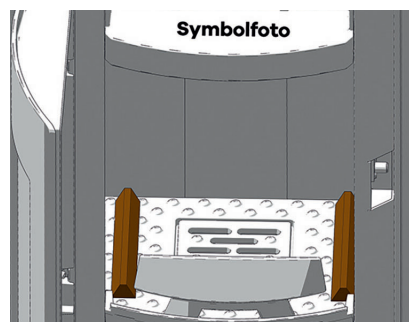
Tip

You can order the RIKA firelighter with the number E17159 at your RIKA dealer.

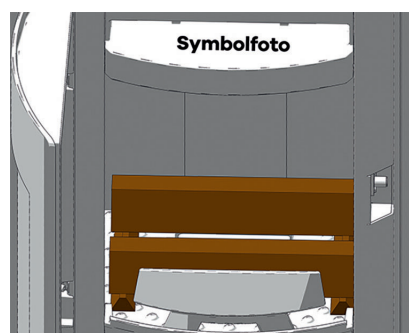
Correct heating up

1. Press the control knob completely into "heating-up position" – primary and secondary air intakes are opened completely in the heating-up position. Open the combustion chamber door and sweep the ashes into the ashtray.

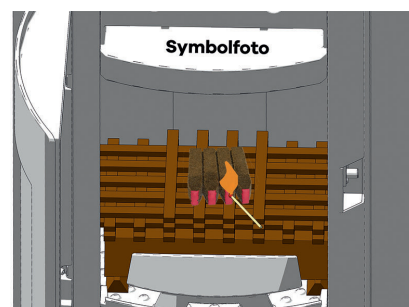
Place left and right two small pieces of chipboard lengthways in the bottom of the combustion chamber.



Place two logs crossways on top of this chipboard.



2. Now place further pieces of chipboard in crosswise layers on top of the logs and place 2-4 ribs of the RIKA-firelighter on the left on top of the chipboard. Some uncoated paper can be placed underneath the chipboard in case there is no firelighter available.



3. Now light the firelighter (or the uncoated paper) and close the combustion chamber door. "Correct heating up" primarily counteracts excessive smoke during heating up.

Set the control knob for combustion air regulation to middle position some minutes later. The primary air intake is now closed and the secondary air intake is completely open. The control can be set to ideal position another few minutes later (depending on draught and fuel quality / amount).

After the first burn-off, again add two logs (see AMOUNT OF FUEL). Set the control to "heating-up position" again until the wood is well lit. Further regulation is effected as described in Item 3.

Please proceed in the same way for every further addition of wood.

Note

Sometimes a lot of smoke develops when wood is placed on a low firebed or when there is too less fresh air for combustion. An explosive gas/air mixture may arise and cause an eventual heavy deflagration. For safety reasons it is recommended to leave the combustion chamber door closed and press the control knob at the rear wall down completely into "heating-up position". If the log wood is not igniting, start a new heating-up procedure after it stopped smoking.

7. OPERATION - RIKATRONIC3

Note

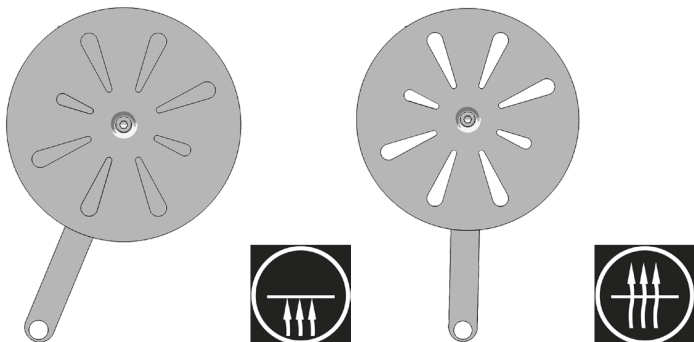
For stoves with RIKATRONIC3 System (electronic air flap control) a flue pipe with optional "lockable damper flap" must be always open during heating! RISK OF FIRE!



Operating the riddle grate

(only stoves with riddle grate)

The ash is moved from the combustion chamber to the ash drawer by pushing the riddle grate handle back and forth. This frees the way for the primary air intake which is necessary for heating up.



In general the riddle grate should stay open.

RIKA firelighter

Always ignite the RIKA firelighter on the red tip. One block consists out of 8 ribs which can be divided to the desired size. The amount of RIKA firelighters also depends on the size and humidity of your firewood. Ideally, one rib is enough to light up the fire.



Tip

You can order the RIKA firelighter with the number E17159 at your RIKA dealer.



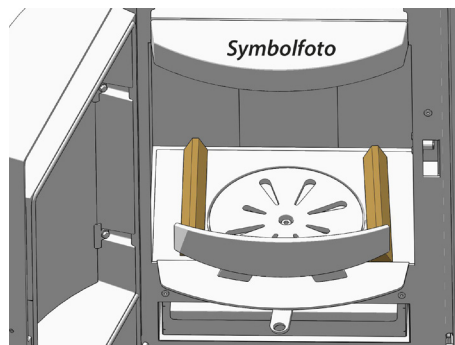
Heating instructions

Preparation

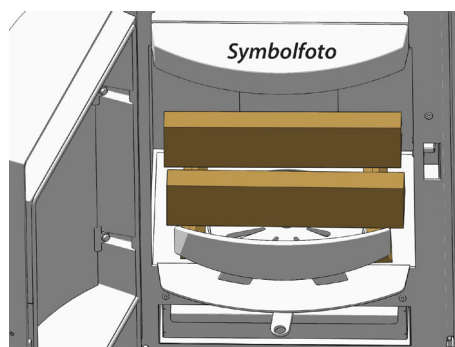
Plug in the mains plug and activate the main switch at the rear of the stove. The main switch now **lights up green**. The display at the front of the stove also **lights up green** for approx. 10 secs. and **then flashes intermittently red** until the air flap motor reference run has been completed.

Correct heating up

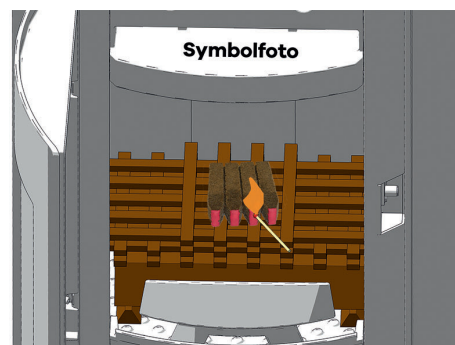
Once the reference run has been completed and the display **is constantly red**, open the combustion chamber door and sweep the ashes into the ashtray. Place left and right 2 small pieces of chipboard lengthways in the bottom of the combustion chamber and open the riddle grate completely.



Place 2 – 3 smaller (highly flammable) logs crossways on top of this chipboard.



Now place further pieces of chipboard in crossways layers on top of the logs and ideally you should place 2-4 ribs of the RIKA-firelighter on top of the chipboard. Some uncoated paper can be placed underneath the chipboard in case there is no firelighter available.



Now light the firelighter (or the uncoated paper) and close the combustion chamber door. Correct heating up primarily counteracts excessive smoke during heating up.

Heating up

Fill amount for heating up: 2 – 3 logs of max. total 2.5kg

As soon as the combustion chamber temperature exceeds 80°C, the display changes to **green** (if the display does not change to **green** within 10 min of closing the combustion chamber door, then the heating up procedure has failed, i.e. the required combustion chamber temperature of 80°C was not exceeded).

Once the display has changed to **green**, the burn-off control of the heating-up starts. The heating-up phase takes approx. 60 min depending on the temperature and fill amount. This time is required to obtain a suitable bed of embers.

The display changing from **green** to **red flashing** indicates the right time to add wood.

Adding wood

Fill amount for heating up: 2 logs of max. total 2.5kg, depending on requirements.

The red flashing phase varies depending on the ambient influences between 5 and 10 min. If the combustion chamber door is opened, the display changes to green flashing.

If the temperature increase is sufficient (wood added and lit), the display changes to **constantly green** (the RIKATRONIC3 starts the burn-off control).

If an increase in temperature is not detected, the display changes, depending on combustion chamber temperature, to the status prior to adding wood, **either to red flashing** or to **constantly red**.

Burn out

If no more wood is added during the **red flashing** phase, the display changes to **constantly red**. No more logs may be added from this point since ignition of any logs added cannot be ensured. The stove must be heated up again.

ECO operation



If the room to be heated and the stove are already at temperature, continued operation with lower heat output and log addition is possible.

Fill amount in ECO operation: 2 logs in total approx. 1.5kg

If the Eco key is pressed when adding wood (after closing the combustion chamber door), the display changes to yellow flashing and Eco operation is activated.

This operating mode also regulates the burn off with lower heat output to the optimum.

If the Eco key is pressed again or the combustion chamber door is opened, the display changes from yellow back to green and normal operation is activated again.

Complete closing of the air flaps

The RIKATRONIC3 has a safety device that prevents the air flaps closing completely during heating operation (hazard of deflagration). However the air flaps can be closed completely with a sequence of ECO key and opening and closing the combustion chamber door to stop the existing draught on stove standstill.

- Ensure that the stove has cooled down, is switched off and that the combustion chamber door is closed
- Plug in the mains plug and activate the main switch at the rear of the stove
- Wait until the reference run has been completed and the display lamp is constantly red
- Now depress the ECO key for 5 sec with the combustion chamber door closed until the display changes to yellow flashing
- Open and close the combustion chamber door, the display is now constantly yellow
- The depress the Eco key again for 5 sec until a click is heard and the air flaps close completely

As soon as the air flaps reach end position, the display goes off and the stove can be switched off and the mains plug disconnected.

Power failure

In the event of a power failure the air regulation flap remains unchanged until the fire goes out (no display). If mains voltage is available again after a brief power failure, the display lights up as on start for 10 sec **green** and then changes to **red flashing** due to the repeat reference run of the air flap motor.

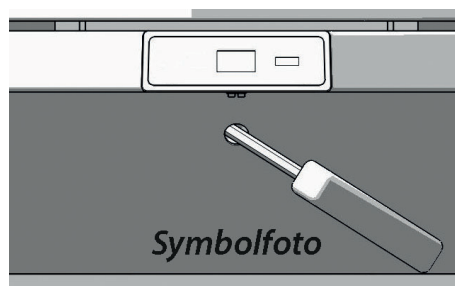
If the temperature of the stove is still more than 80°C, the display changes and the control system changes to the respective status. If the stove cools back down during the power failure, the display changes to **constantly red**.

Manual regulation

Note

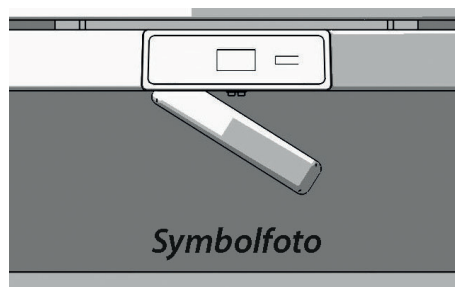
Manual operation may only be performed with the unit switched off. Any other procedure than that stated below may cause damage to components and inevitably leads to loss of warranty.

- Switch the stove off at the main switch and disconnect the mains plug.
- Insert the socket spanner supplied sufficiently far into the sleeve as shown.



Turning clockwise opens the air flaps; anti-clockwise closes them.

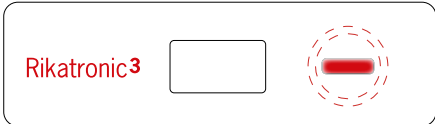
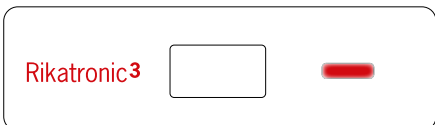
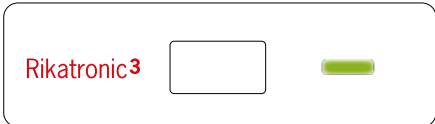
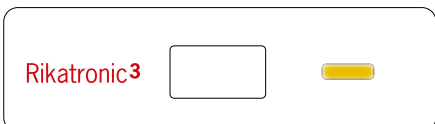
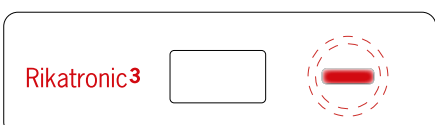
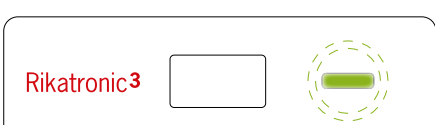
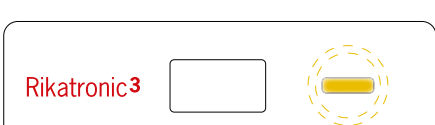
- Turn the socket spanner first to heating-up position (open until a stop is detected).
- Turn the socket spanner gradually anti-clockwise after the heating-up phase to control the air intake and thus the burn-off manually.



Note

Always ensure that the stove is supplied with sufficient air for combustion; otherwise increased smoke development may occur.

Status displays

LED display	Meaning	Action to be taken
 The display lamp flashes intermittently RED	The stove has just been switched on and the air flaps start the reference run. The control system starts a reference run again after a brief power failure.	The stove cannot heat up until the display lamp stops flashing.
 The display lamp is constantly RED	The combustion chamber is cold and the stove is in neutral. The combustion chamber temperature has fallen below the temperature specified for adding wood.	The stove is ready to heat up. Optimum control process can no longer be ensured, adding wood is not permitted. The stove must be heated up again.
 The display lamp is constantly GREEN	The stove is in normal operation.	
 The display lamp is constantly YELLOW	The stove is in ECO operation.	
 The display lamp flashes regularly RED	The temperature specified for adding wood was not reached.	Open the combustion chamber door and add a log or let the stove go out.
 The display lamp flashes regularly GREEN	After the opening of the combustion chamber door, the stove tries to light the wood added.	The riddle grate should be open during combustion as well as a lockable damper clap in the flue pipe (if in use).
 The display lamp flashes regularly YELLOW	The ECO key was pressed after adding wood. The magnetic switch sequence was initiated	See "Actions to be taken – flashes regularly green" See "Complete closing of the air flaps"

Warnings and malfunction messages

Note

If error messages recur several times, customer service is to be notified immediately.

LED display	Meaning	Action to be taken
X X The display lamp flashes 1x RED and 1x YELLOW	The temperature sensor outputs incorrect values. The temperature sensor is defective.	Check whether dirt or soot has accumulated at the temperature sensor and if required clean the sensor carefully (see Cleaning and Maintenance). Contact RIKA customer service.
XX X The display lamp flashes 2x RED and 1x YELLOW	The magnetic switch is defective or jammed. The air flaps are jammed.	Check whether an object is blocking the air flaps. Contact RIKA customer service.
XXX X The display lamp flashes 3x RED and 1x YELLOW	The air flap motor cannot move to position.	Contact RIKA customer service.
XXXX X The display lamp flashes 4x RED and 1x YELLOW	Complete closing of the air flaps is not possible.	Contact RIKA customer service.

8. MAINTENANCE AND CLEANING

Basic information

Note

When you vacuum clean around the stove ensure that you do not vacuum into the combustion air intake during heating operation. You could vacuum out embers – FIRE RISK!

Note

Your stove must be cooled before any maintenance work is performed.
Type RIKATRONIC3: Only work on the unit when it is switched off and the mains plug has been disconnected.

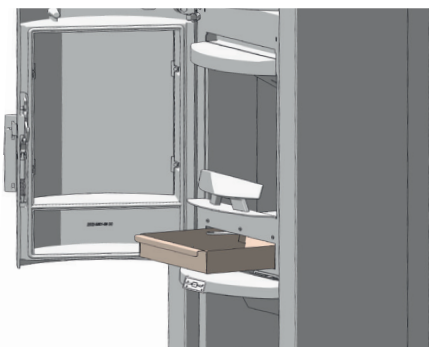
The frequency with which the stove requires cleaning and the maintenance intervals depend on the fuel you use. High moisture content, ash, dust and chips may more than double the maintenance required. Only use wood that has been stored properly and is dry and untreated.

Note

Ash may contain embers – only place ash in sheet steel containers. FIRE RISK! In a cold state, dispose of it in the household waste.

Empty the ash drawer

Empty the ash drawer regularly. The ash drawer is simply pulled forward with the combustion chamber door open.



Checking the door contact

(Only for models with Rikatronic)

Check that the door contact switch is working at regular intervals.

Press the door contact several times with your hand to prevent it from sticking.

Cleaning the door glass

The glass can be cleaned best with a moist cloth. Stubborn dirt can be removed with a special cleaner (free from corrosive acids and solvents – otherwise there is a risk of damage to the glass surface) available from your stove dealer. Usual cleaners containing acid or solvents can be too harsh and damage the glass.

Checking door seal

The condition of the seals at doors and glass should be checked at least 1 x per year. Repair or replace seals depending on condition.

Note

Only intact seals ensure your stove works perfectly.

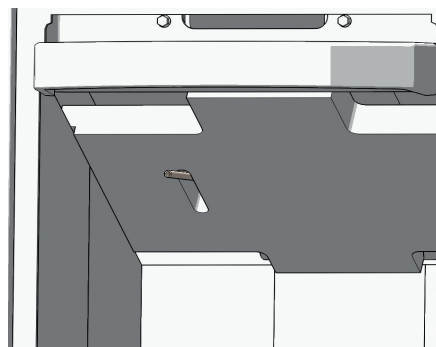
Cleaning painted surfaces

Wipe the painted surfaces with a damp cloth, do not scrub. Do not use solvent-containing cleaners.

Cleaning the flame temperature sensor

(only type RIKATRONIC3)

Remove the dust deposits from the sensor at regular intervals. Use a clean cleaning cloth or newspaper.



ENGLISH

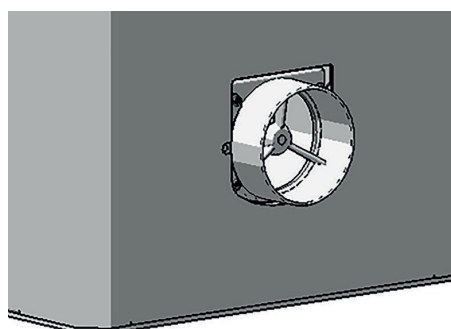
Cleaning the convection air openings

Vacuum clean any dust deposits from the convection air openings at regular intervals.

The stove should be cleaned thoroughly prior to the start of the heating season to prevent excess odour.

Combustion air - air intake

If necessary, please also clean the air intake with a Hoover.



Note

Only when the stove is cold! You could vacuum out embers – FIRE RISK!

Cleaning the flue gas channels

(annually)

Remove the flue pipes. Inspect and clean chimney connection. Brush off any soot and dust deposits in the fire and in the flue pipes and vacuum.

Note

Accumulated fly ash in the flue gas channels may impair the performance of the stove and pose a safety risk.

9. PROBLEMS - POSSIBLE SOLUTIONS

Problem 1

Fire burns with weak, orange flame, window is sooted up.

Cause(s)

- Poor chimney draught
- Damp wood
- Incorrect heating up
- Stove is sooted over inside

Possible solutions

- Check whether flue gas pipes are blocked with ash (see CLEANING AND MAINTENANCE).
- Use dry wood and correct fuel amounts (see BRIEF INFORMATION ON COMBUSTIBLE - LOGS)
- Check whether the suction nozzles and air inlet pipe or flue tube are blocked.
- Check door and cleaning cover seals for leaks (see CLEANING AND MAINTENANCE)
- Have service performed by authorised specialist company.
- Every glass plate must be cleaned from time to time (depending on use) with glass cleaner.

Problem 2

Stove smells strongly and / or fumes are emitted.

Cause(s)

- Burning-in phase (taking into service)
- Stove has accumulated dust and/or dirt

Possible solution(s)

- Wait to end of burning-in phase and vent sufficiently
- Suction off any dust deposits from the convection air openings at regular intervals

Problem 3

Flue gas discharge when wood is added and during heating phase.

Cause(s)

- Combustion chamber door opened too fast
- Too much ash in combustion chamber
- Adding logs to snappy
- Chimney draught too low
- Flue pipe connection leaks
- Logs combustion still running (visible flame)

Possible solution(s)

- open the combustion chamber door moderate
- regular cleaning of combustion chamber (vacuum)
- Adding logs carefully
- Check for blockages in the chimney
- Check connections and if necessary re-seal
- Add logs after flame is gone
- Check seals and replace (fire door, ..)

10. TECHNICAL DATA



TECHNICAL DOCUMENTATION

according to commission regulation
(EU) 2015/1185 und 2015/1186
Ecodesign

Contact details of the manufacturer

Manufacturer:	RIKA Innovative Ofentechnik GmbH
Contact:	Andreas Bloderer
Address:	Müllerviertel 20 4563 Micheldorf Austria

Details of the device

Model Identifier:	FOX II
Equivalent models:	-
Notified body:	Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria
Notified body no.:	1746
Test report no.:	PL-25026-28-P
Applied harmonised standards:	EN 16510-2-1:2022
Other applied standards/technical specifications:	-
Indirect heating functionality:	No
Direct heat output:	8,0kW
Indirect heat output:	-

Characteristics when operating with the preferred fuel

Seasonal space heating energy efficiency η_{s} :	74%
Seasonal space heating energy efficiency RIKATRONIC η_{s} :	-
Energy Efficiency Index:	112
Energy Efficiency Index RIKATRONIC:	-

Special precautions for assembly, installation or maintenance

Fire protection and safety distances such as distances to combustible building materials must be observed!
An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!
The flue gas values of the appliance must be observed for the chimney dimensioning!

Characteristics when operating exclusively with the preferred fuel

Heat output			
Nominal heat output	P_{nom}	8,0	kW
Minimum heat output	P_{min}	4,0	kW
Useful efficiency			
Useful efficiency at nominal heat output	η_{thnom}	84,1	%
Useful efficiency at minimum heat output	η_{thmin}	86	%
Auxiliary electricity consumption			
At nominal heat output	e_{lmax}	-	kW
At minimum heat output	e_{lmin}	-	kW
In standby mode	e_{lSB}	-	kW
Permanent pilot flame power requirement			
Pilot flame power requirement	P_{pilot}	NPD	kW

Type of heat output/room temperature control	
single stage heat output, no room temperature control	Yes
two or more manual stages, no room temperature control (**)	No
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
Room temperature control with presence detection (**)	No
Room temperature control with open window detection (**)	No
with remote control options (**)	No

Details of the fuel

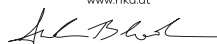
Fuel	Preferred fuel:	Other suitable fuel:	η_s [%]	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)(**)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs, moisture content ≤ 25 %	Yes	No	74,0	19	53	826	112	18	48	870	116
Wood logs RIKATRONIC, moisture content ≤ 25 %	No	No	-	-	-	-	-	-	-	-	-
Compressed wood, moisture content < 12 %	No	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	-	-	-	-	-	-	-	-	-

(*) PM = dust, OGC = gaseous organic compounds, CO = carbon monoxide, NO_x = nitrous gases

(**) Only required when applying correction factors F(2) or F(3)

Signed for and on behalf of the manufacturer by:
Andreas Bloderer / product management

RIKA®
Innovative Ofentechnik GmbH
A-4563 Micheldorf, Müllerviertel 20
Tel.: +43 (0)7582/686-14, Fax DW: -43
www.rika.at



Micheldorf, 27.01.2026

In case of doubt as well as missing or incorrect translations, the German version is the only valid one.

Subject to technical and visual changes as well as layout and printing errors.

Contact details of the manufacturer

Manufacturer:	RIKA Innovative Ofentechnik GmbH
Contact:	Andreas Bloderer
Address:	Müllerviertel 20 4563 Micheldorf Austria

Details of the device

Model Identifier:	FOX II R3
Equivalent models:	-
Notified body:	Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria
Notified body no.:	1746
Test report no.:	PL-25026-28-P
Applied harmonised standards:	EN 16510-2-1:2022
Other applied standards/technical specifications:	-
Indirect heating functionality:	No
Direct heat output:	8,0kW
Indirect heat output:	-

Characteristics when operating with the preferred fuel

Seasonal space heating energy efficiency η_{s} :	74%
Seasonal space heating energy efficiency RIKATRONIC η_{s} :	-
Energy Efficiency Index:	112
Energy Efficiency Index RIKATRONIC:	-

Special precautions for assembly, installation or maintenance

Fire protection and safety distances such as distances to combustible building materials must be observed!
An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!
The flue gas values of the appliance must be observed for the chimney dimensioning!

Characteristics when operating exclusively with the preferred fuel

Heat output				
Nominal heat output	P_{nom}	8,0	kW	
Minimum heat output	P_{min}	4,0	kW	
Useful efficiency				
Useful efficiency at nominal heat output	$\eta_{th,nom}$	84,1	%	
Useful efficiency at minimum heat output	$\eta_{th,min}$	86	%	
Auxiliary electricity consumption				
At nominal heat output	$e_{l,max}$	0,003	kW	
At minimum heat output	$e_{l,min}$	0,003	kW	
In standby mode	$e_{l,SB}$	0,002	kW	
Permanent pilot flame power requirement				
Pilot flame power requirement	P_{pilot}	NPD	kW	

Type of heat output/room temperature control	
single stage heat output, no room temperature control	Yes
two or more manual stages, no room temperature control (**)	No
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
Room temperature control with presence detection (**)	No
Room temperature control with open window detection (**)	No
with remote control options (**)	No

Details of the fuel

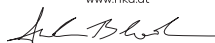
Fuel	Preferred fuel:	Other suitable fuel:	η_s [%]	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)(**)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs, moisture content ≤ 25 %	Yes	No	74,0	19	53	826	112	18	48	870	116
Wood logs RIKATRONIC, moisture content ≤ 25 %	No	No	-	-	-	-	-	-	-	-	-
Compressed wood, moisture content < 12 %	No	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	-	-	-	-	-	-	-	-	-

(*) PM = dust, OGC = gaseous organic compounds, CO = carbon monoxide, NO_x = nitrous gases

(**) Only required when applying correction factors F(2) or F(3)

Signed for and on behalf of the manufacturer by:
Andreas Bloderer / product management

RIKA[®]
Innovative Ofentechnik GmbH
A-4563 Micheldorf, Müllerviertel 20
Tel.: +43 (0)7582/686-14, Fax DW: -43
www.rika.at



Micheldorf, 27.01.2026

In case of doubt as well as missing or incorrect translations, the German version is the only valid one.

Subject to technical and visual changes as well as layout and printing errors.

Contact details of the manufacturer

Manufacturer:	RIKA Innovative Ofentechnik GmbH
Contact:	Andreas Bloderer
Address:	Müllerviertel 20 4563 Micheldorf Austria

Details of the device

Model Identifier:	FOX II 6 kW
Equivalent models:	-
Notified body:	Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria
Notified body no.:	1746
Test report no.:	PL-25026-29-P
Applied harmonised standards:	EN 16510-2-1:2022
Other applied standards/technical specifications:	-
Indirect heating functionality:	No
Direct heat output:	6,0kW
Indirect heat output:	-

Characteristics when operating with the preferred fuel

Seasonal space heating energy efficiency η_{s} :	72%
Seasonal space heating energy efficiency RIKATRONIC η_{s} :	-
Energy Efficiency Index:	108
Energy Efficiency Index RIKATRONIC:	-

Special precautions for assembly, installation or maintenance

Fire protection and safety distances such as distances to combustible building materials must be observed!
An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!
The flue gas values of the appliance must be observed for the chimney dimensioning!

Characteristics when operating exclusively with the preferred fuel

Heat output			
Nominal heat output	P_{nom}	6,0	kW
Minimum heat output	P_{min}	-	kW
Useful efficiency			
Useful efficiency at nominal heat output	η_{thnom}	81,8	%
Useful efficiency at minimum heat output	η_{thmin}	-	%
Auxiliary electricity consumption			
At nominal heat output	e_{lmax}	-	kW
At minimum heat output	e_{lmin}	-	kW
In standby mode	e_{lSB}	-	kW
Permanent pilot flame power requirement			
Pilot flame power requirement	P_{pilot}	NPD	kW

Type of heat output/room temperature control	
single stage heat output, no room temperature control	Yes
two or more manual stages, no room temperature control (**)	No
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
Room temperature control with presence detection (**)	No
Room temperature control with open window detection (**)	No
with remote control options (**)	No

Details of the fuel

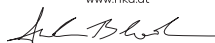
Fuel	Preferred fuel:	Other suitable fuel:	η_s [%]	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)(**)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs, moisture content ≤ 25 %	Yes	No	72,0	17	41	921	108	-	-	-	-
Wood logs RIKATRONIC, moisture content ≤ 25 %	No	No	-	-	-	-	-	-	-	-	-
Compressed wood, moisture content < 12 %	No	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	-	-	-	-	-	-	-	-	-

(*) PM = dust, OGC = gaseous organic compounds, CO = carbon monoxide, NO_x = nitrous gases

(**) Only required when applying correction factors F(2) or F(3)

Signed for and on behalf of the manufacturer by:
Andreas Bloderer / product management

RIKA[®]
Innovative Ofentechnik GmbH
A-4563 Micheldorf, Müllerviertel 20
Tel.: +43 (0)7582/686-14, Fax DW: -43
www.rika.at



Micheldorf, 27.01.2026

In case of doubt as well as missing or incorrect translations, the German version is the only valid one.

Subject to technical and visual changes as well as layout and printing errors.

Contact details of the manufacturer

Manufacturer:	RIKA Innovative Ofentechnik GmbH
Contact:	Andreas Bloderer
Address:	Müllerviertel 20 4563 Micheldorf Austria

Details of the device

Model Identifier:	FOX II R3 6 kW
Equivalent models:	-
Notified body:	Technische Universität Wien, Getreidemarkt 9/166, 1060 Wien, Austria
Notified body no.:	1746
Test report no.:	PL-25026-29-P
Applied harmonised standards:	EN 16510-2-1:2022
Other applied standards/technical specifications:	-
Indirect heating functionality:	No
Direct heat output:	6,0kW
Indirect heat output:	-

Characteristics when operating with the preferred fuel

Seasonal space heating energy efficiency η_{s} :	72%
Seasonal space heating energy efficiency RIKATRONIC η_{s} :	-
Energy Efficiency Index:	108
Energy Efficiency Index RIKATRONIC:	-

Special precautions for assembly, installation or maintenance

Fire protection and safety distances such as distances to combustible building materials must be observed!
An adequate supply of combustion air for the appliance must be guaranteed at all times. Air-suction systems can interfere with the combustion air supply!
The flue gas values of the appliance must be observed for the chimney dimensioning!

Characteristics when operating exclusively with the preferred fuel

Heat output				
Nominal heat output	P_{nom}	6,0	kW	
Minimum heat output	P_{min}	-	kW	
Useful efficiency				
Useful efficiency at nominal heat output	$\eta_{th,nom}$	81,8	%	
Useful efficiency at minimum heat output	$\eta_{th,min}$	-	%	
Auxiliary electricity consumption				
At nominal heat output	$e_{l,max}$	0,003	kW	
At minimum heat output	$e_{l,min}$	0,003	kW	
In standby mode	$e_{l,SB}$	0,002	kW	
Permanent pilot flame power requirement				
Pilot flame power requirement	P_{pilot}	NPD	kW	

Type of heat output/room temperature control	
single stage heat output, no room temperature control	Yes
two or more manual stages, no room temperature control (**)	No
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
Room temperature control with presence detection (**)	No
Room temperature control with open window detection (**)	No
with remote control options (**)	No

Details of the fuel

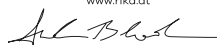
Fuel	Preferred fuel:	Other suitable fuel:	η_{is} [%]	Space heating emissions at nominal heat output (*)				Space heating emissions at minimum heat output (*)(**)			
				PM	OGC	CO	NO _x	PM	OGC	CO	NO _x
				mg/Nm ³ (13% O ₂)				mg/Nm ³ (13% O ₂)			
Wood logs, moisture content ≤ 25 %	Yes	No	72,0	17	41	921	108	-	-	-	-
Wood logs RIKATRONIC, moisture content ≤ 25 %	No	No	-	-	-	-	-	-	-	-	-
Compressed wood, moisture content < 12 %	No	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	-	-	-	-	-	-	-	-	-

(*) PM = dust, OGC = gaseous organic compounds, CO = carbon monoxide, NO_x = nitrous gases

(**) Only required when applying correction factors F(2) or F(3)

Signed for and on behalf of the manufacturer by:
Andreas Bloderer / product management

RIKA[®]
Innovative Ofentechnik GmbH
A-4563 Micheldorf, Müllerviertel 20
Tel.: +43 (0)7582/686-14, Fax DW: -43
www.rika.at

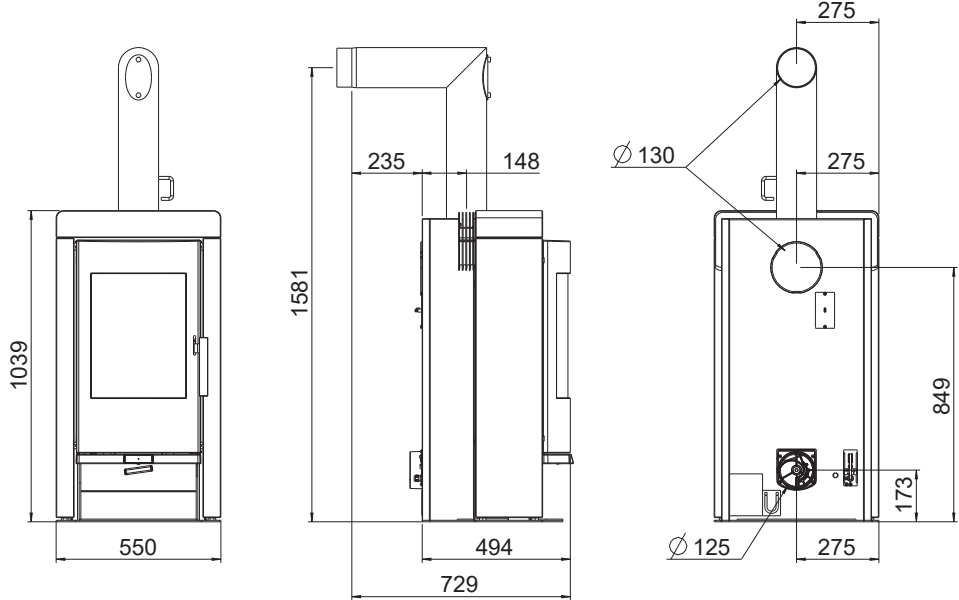


Micheldorf, 27.01.2026

In case of doubt as well as missing or incorrect translations, the German version is the only valid one.

Subject to technical and visual changes as well as layout and printing errors.

Dimensions, weight and connection



Dimensions

<i>H</i>	Height	[mm]	1039
<i>L</i>	Length	[mm]	494
<i>W</i>	Width	[mm]	550

Weight

<i>m1</i>	Mass of fireplace without stone panelling	[kg]	~150
<i>m2</i>	Mass of fireplace with stone panelling	[kg]	~260
<i>m_{chim}</i>	Maximum load through the chimney	[kg]	-

Flue pipe connection *

<i>d_{out}</i>	Diametre of the flue gas connection	[mm]	130
	Top connection Connection height	[mm]	1581
	Depth from rear wall to middle of flue pipe	[mm]	148
	Side distance	[mm]	275
	Rear connection height	[mm]	849
	Rear connection side distance	[mm]	275
	Side connection connection height	[mm]	-
	Depth to lateral connection	[mm]	-

Fresh air connection *

	Diameter	[mm]	125
	Connection height optional	[mm]	173
	Side distance	[mm]	275

* When planning the stove connection, take into account that the floor slab is 2–6 mm thick.

FOX II / FOX II RIKATRONIC3			8 kW	6 kW
P_{nom}	Nominal heat output	[kW]	8	6
P_{SHnom}	Nominal room heat output	[kW]	8	6
P_{part}	Part-load heat output	[kW]	4	-
P_{SHpart}	Part-load room heat output	[kW]	4	-
	Fresh air requirement	[m³/h]	21	16
	Space heating capacity depending on the house insulation	[m³]	90-210	70-160
η_{nom}	Efficiency of nominal heat output	[%]	84,1	81,8
η_{part}	Efficiency partial load heat output	[%]	86,0	-
	CO ₂ content	[%]	8,3	9,6
CO_{nom}	CO-Emission at nominal heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	826	921
CO_{part}	CO-Emission at partial load heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	870	-
NO_{xnom}	NO _x -Emission at nominal heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	112	108
NO_{xpart}	NO _x -Emission at partial load heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	116	-
OGC_{nom}	Hydrocarbon emission at nominal heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	53	41
OGC_{part}	Hydrocarbon emission at partial load heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	48	-
PM_{nom}	Dust emissions at nominal heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	19	17
PM_{part}	Dust emissions at partial load heat output with an oxygen content of 13% O ₂	[mg/m _N ³]	18	-
$\phi_{f,g nom}$	Flue gas mass flow at nominal heat output	[g/s]	8,2	5,8
$\phi_{f,g part}$	Flue gas mass flow rate at partial load heat output	[g/s]	6,7	-
T_{snom}	Flue gas temperature at the flue gas connection at nominal heat output	[°C]	241	260
T_{spart}	Flue gas temperature at the flue gas connection at partial load heat output	[°C]	217	-
P_{nom}	Minimum conveying pressure at nominal heat output	[Pa]	12	12
P_{part}	Minimum delivery pressure at partial load heat output	[Pa]	12	-
P_{min}	Minimum supply pressure for chimney calculation	[Pa]	12	12
V_h	Space heat loss when the fireplace is not in operation	[m³/h]	-	-
η_s	Annual space heating utilisation factor	[%]	74	72
EEI	Energy Efficiency Index		112	108
INT	Time-burning operation			
$T\text{-Klasse}$	Chimney designation		T400	

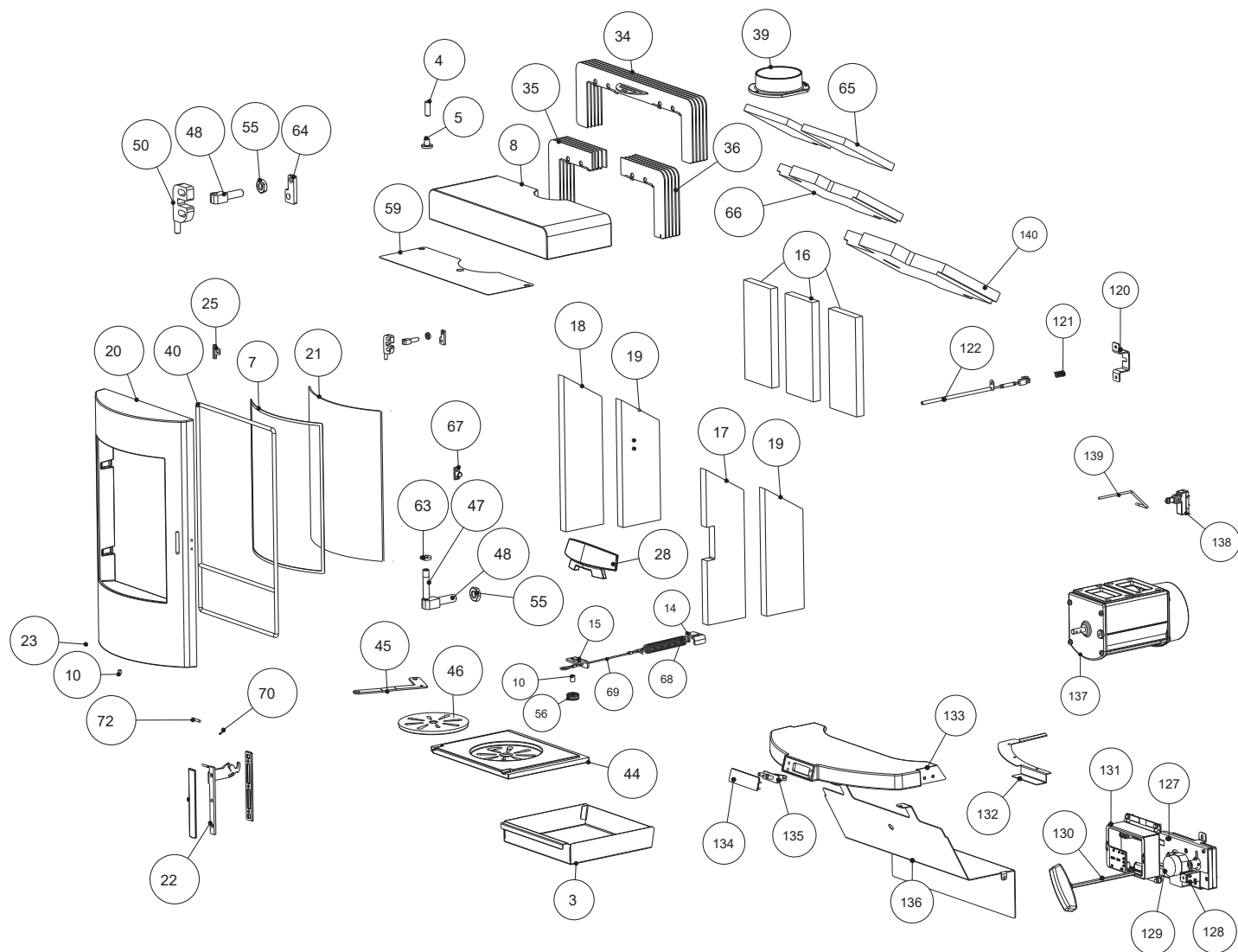
Note

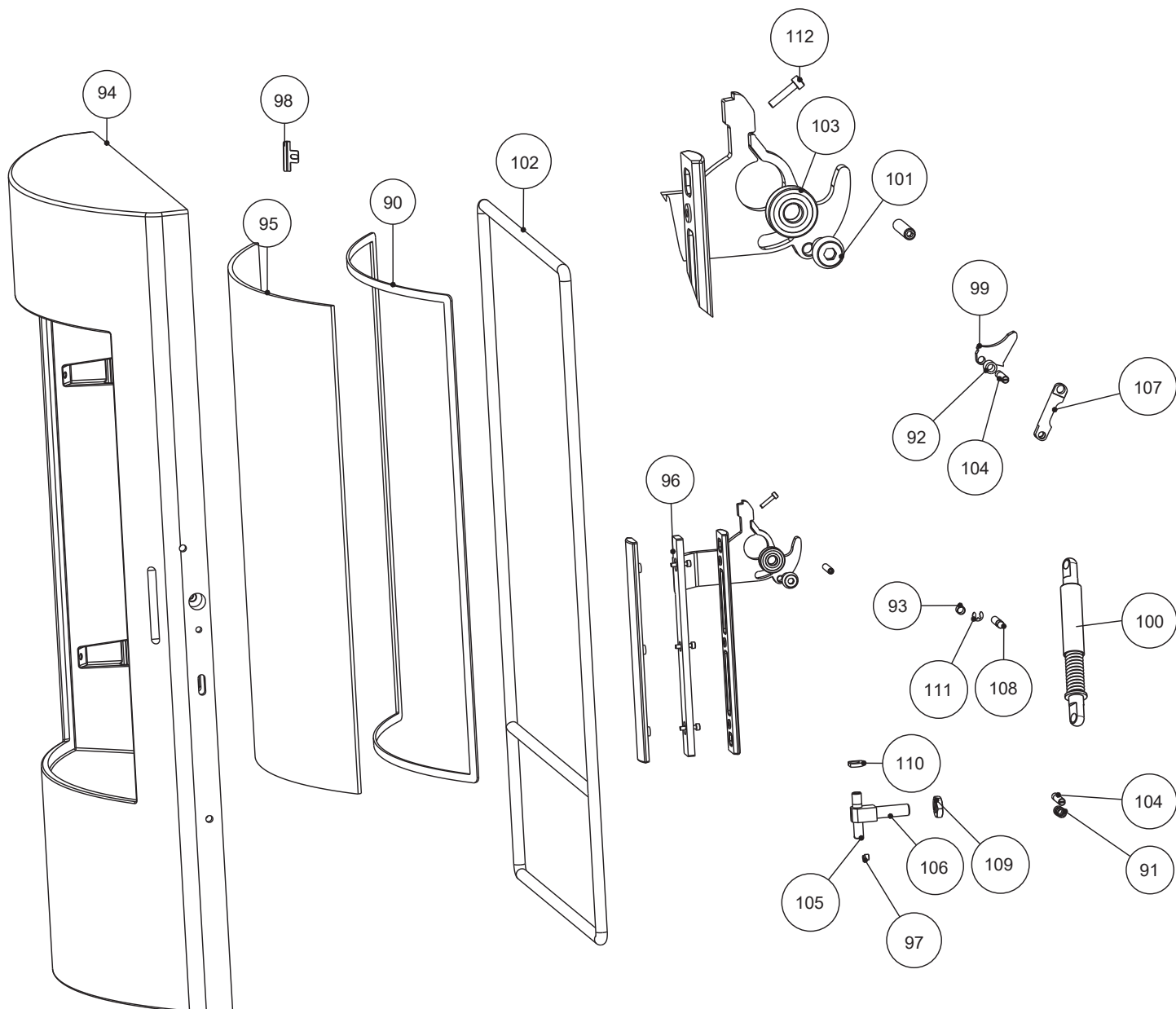
The criterion for the end of the test cycle for pellet stoves is 3 hours.
For log wood stoves, the CO₂ criterion is 4%.

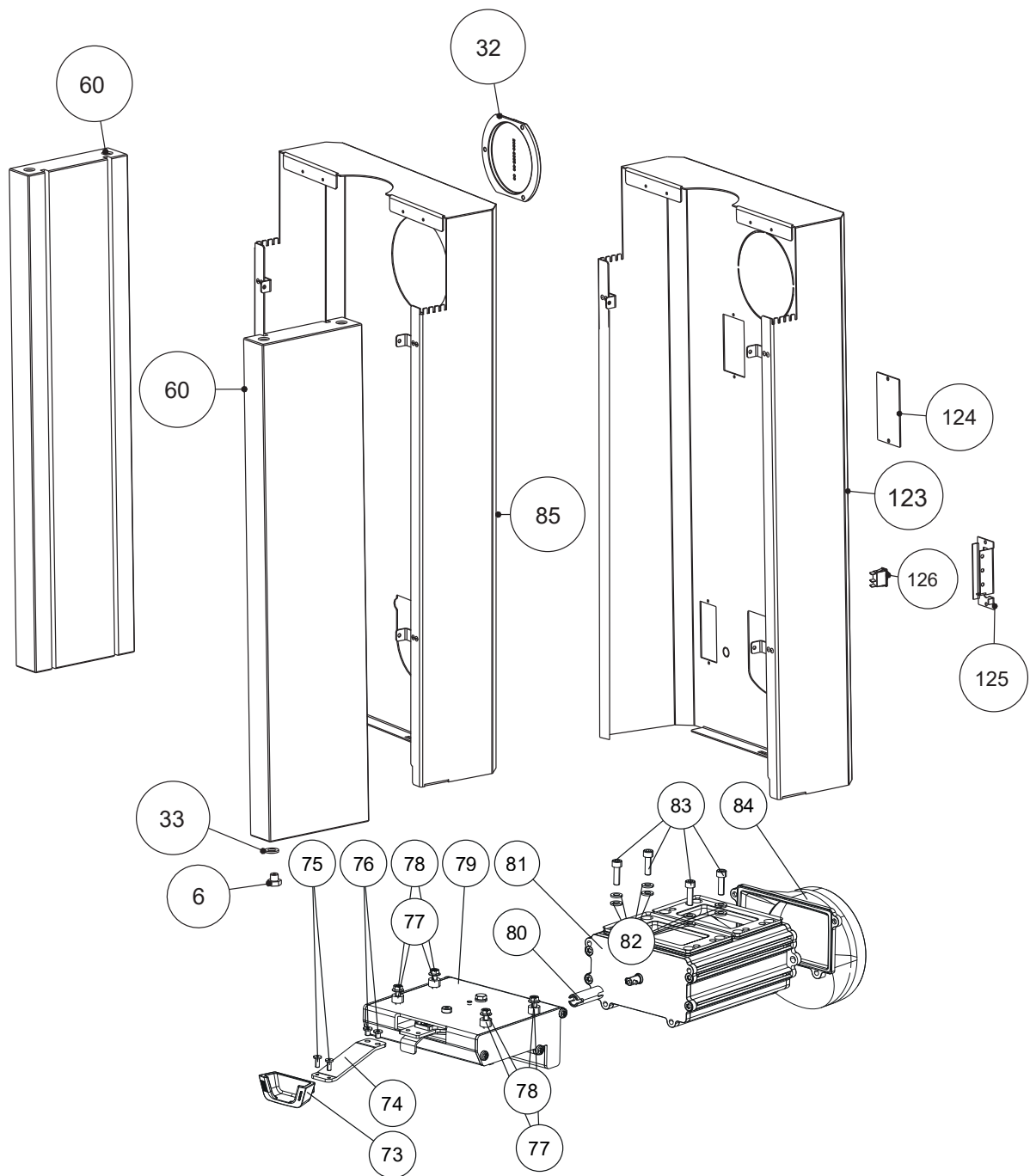
Spare part overview exploded diagram

Note

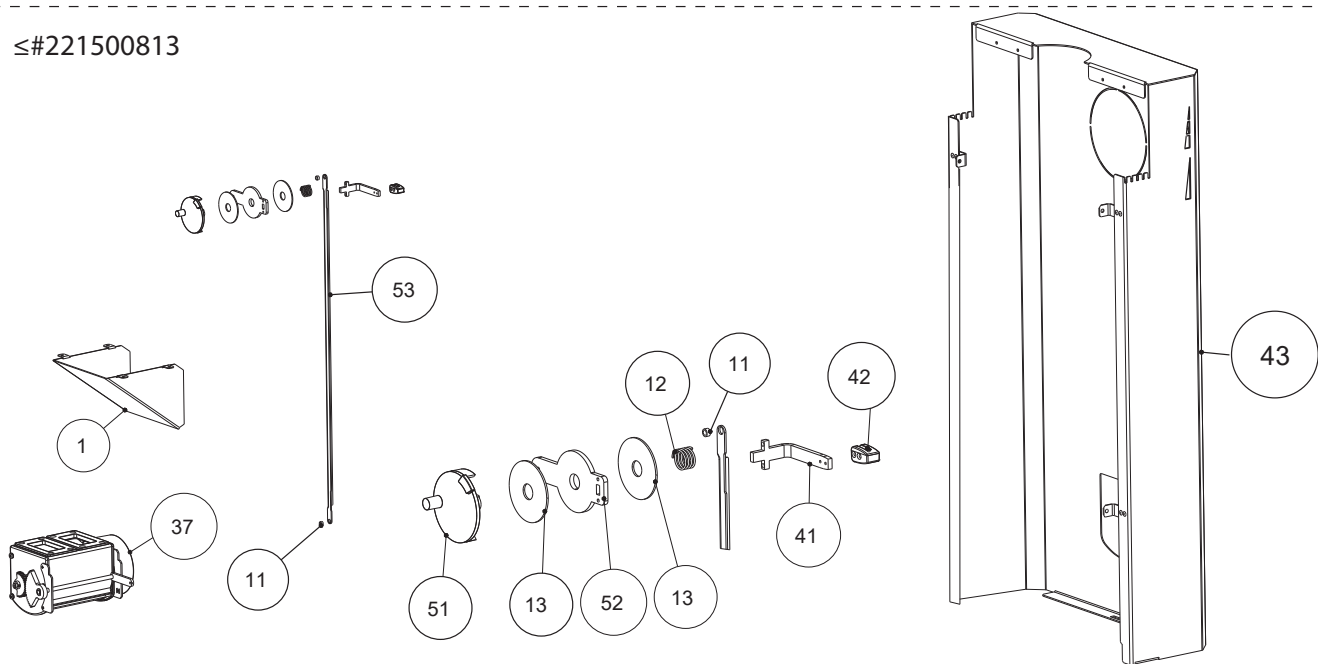
Only original parts supplied by the manufacturer may be used.







≤#221500813



Spare part overview - article numbers

Nr.	Art.Nr.	Bezeichnung
1 *4	Z34384	Abdeckung Regler metallic
1 *4	Z34385	Abdeckung Regler schwarz
1 *4	Z34386	Abdeckung Regler kupfer
3	L00618	Aschelade
4	Z32643	Bolzen
5	Z33324	Bolzen Deckelzentrierung
6	Z34366	Bolzen Steinauflage
7	N103693	Flachdichtung schwarz 8x2
8	Z32594	Deckel Speckstein
	Z34098	Deckel Vulcano green
	Z34099	Deckel Vulcano red
	Z35453	Deckel Stein weiß
10 *1	Z10709	Distanz
11 *4	Z33758	Distanz
12 *4	N111831	Druckfeder
13 *4	Z34373	Federplatte
14 *1	L01982	Federspanner
15 *1	L01526	Feststellplatte
33	Z34144	Filzscheibe
16	Z32590	Innenauskleidung hinten
17	Z32591	Innenauskleidung vorne rechts
18	Z32592	Innenauskleidung vorne links
19	Z32593	Innenauskleidung re u. li hinten
20 *1	Z34378	Feuerraumtür metallic
	Z34379	Feuerraumtür schwarz
	Z34380	Feuerraumtür kupfer
	B16505	Feuerraumtür metallic komplett
	B16506	Feuerraumtür schwarz kpl.
	B16507	Feuerraumtür kupfer komplett
20 *2	Z34608	Feuerraumtür metallic
	Z34607	Feuerraumtür schwarz
	Z34609	Feuerraumtür kupfer
21	Z34319	Türglas
22	B16508	Türgriff kpl.
23	N104060	Gewindestift M05x06
23 *1	N111864	Gewindestift M05
25	L00475	Glashalter
	N108908	Tellerfeder
28	Z32603	Holzfänger metallic
	Z32940	Holzfänger schwarz
32	Z35057	Blinddeckel schwarz
34	E14179	Option Rauchrohranschluss hinten
35	B15380	Lamellen links
36	B15381	Lamellen rechts
37 *4	B16501	Luftregler Steuerung oben
39	Z17799	Rauchrohrstutzen D130 schwarz
40	E13858	Dichtschnurset Kaminöfen Ø 12 (3 m inkl. Silikon)
41 *4	Z34374	Reglergriff
42 *4	Z34343	Reglerknopf
43 *4	Z34370	Rückwand metallic
	Z34371	Rückwand schwarz
	Z34372	Rückwand kupfer
	Z30072	Sichtdeckel metallic

Nr.	Art.Nr.	Bezeichnung
	Z10022	Sichtdeckel schwarz
	Z34542	Sichtdeckel kupfer
44	Z25946	Bodenrost
45	L00616	Rüttelrosthebel
46	Z25948	Rüttelscheibe
47	N111700	Schaftschraube M08X40
48	Z34377	Scharnier
50	L01800	Scharnierplatte
51 *4	Z34317	Schiebeanker
52 *4	L01912	Schieber
53 *4	L01913	Schubstange
55	N111780	Sechskantmutter
56 *1	Z33895	Seilrolle
59	L01496	Steinhalteplatte
60	Z32595	Seitenverkleidung Speckstein
	Z34100	Seitenverkleidung Vulcano green
	Z34101	Seitenverkleidung Vulcano red
	Z35454	Seitenverkleidung Stein weiß
63	L01413	Türauflager
64	L01909	Türverstellplatte
65	Z33323	Umlenkplatte oben
66	Z33588	Umlenkplatte unten
67	B12322	Verschlussplatte
68 *1	N111999	Zugfeder (Türfeder)
69 *1	Z34342	Drahtseil
	N111943	Seilklemmring
70	N111860	ISK-Schraube M03X12
72	N111798	Zylinderstift Türgriff
73 *5	Z36199	Reglergriff
74 *5	L04041	Reglerhebel
75 *5	N101143	Zylinderschraube mit ISK M04X10
76 *5	N112135	Zylinderschraube mit ISK M05X06
77 *5	Z33600	Distanz
78 *5	N112297	Sperrzahnmutter
79 *5	B17378	Schieberegler montiert
80 *5	Z35799	Zwischenwelle
81 *5	B17377	Zuluftregler
82 *5	N112175	Scheibe
83 *5	N108573	ISK-Schraube M06X20
84 *5	Z34592	Ansaugstutzen
85 *5	Z39603	Rückwand schwarz
	Z39604	Rückwand metallic
	Z10022	Sichtdeckel schwarz
	Z30072	Sichtdeckel metallic

Selbstverriegelnde Tür

90	N103693	Flachdichtung schwarz 8x2
91	Z26185	Distanz
92	Z10709	Distanz
93	Z33772	Distanz
94	Z34523	Feuerraumtür metallic
	Z34524	Feuerraumtür schwarz
	Z34525	Feuerraumtür kupfer
	B16630	Feuerraumtür grau kpl.

Note: Please consider the powdercoated parts can differ slightly in colour and colour effects though they are elaborated in high quality. Minor damage to the trim parts can be repaired with our special Senotherm paint spray. There is no matching RAL colour for the painted fairing parts.

Nr.	Art.Nr.	Bezeichnung
	B16631	Feuerraumtür schwarz kpl.
	B16632	Feuerraumtür kupfer komplett
95	Z34319	Türglas
96	B18175	Feuerraumtürgriff kpl.
97	N104060	Gewindestift M05x06
98	L00475	Glashalter
99	L01641	Griffarretierer
100	B16634	Druckkolben
101 *3	Z36036	Passschraube
102	E13858	Dichtschnurset Kaminöfen Ø 12 (3 m inkl. Silikon)
103 *3	Z36035	Graphitgleitlager
104	N108427	Schaftschraube M05X12
105	N111749	Schaftschraube M06x30
	N111700	Schaftschraube M08X40
106	Z34377	Scharnier
107	Z34526	Schubstange oben
108	Z33959	Schubstangenführbolzen
109	N111780	Sechskantmutter
110	L01413	Türaufleger
111	N109185	Wellensicherung D04
112	N111860	ISK-Schraube M03X12
RIKATRONIC3		
120	L00433	Andrückwinkel
121	N108131	Druckfeder
122	B15671	Temperatursensor
123	B16654	Rückwand metallic
	B16655	Rückwand schwarz
	B16656	Rückwand kupfer
124	Z33276	Verschlussplatte schwarz
	Z33277	Verschlussplatte metallic
125	Z33278	Netzanschlusshalter schwarz
	Z33279	Netzanschlusshalter metallic
126	B15754	Hauptschalter Ein/Aus
127	B16464	Getriebe Luftregler
128	N111815	Elektrohubmagnet
129	N111817	Luftreglermotor
130	N102647	Steckschlüssel
131	B16422	Hauptplatine Rikatronic3
132	Z34537	Kabelabdeckung metallic
	Z34538	Kabelabdeckung schwarz
	Z34539	Kabelabdeckung kupfer

Nr.	Art.Nr.	Bezeichnung
133	Z34419	Blende unten metallic
	Z34418	Blende unten schwarz
	Z34420	Blende unten kupfer
134	B16644	Folienhalter (inkl. Folie)
135	B15667	Tasterplatine
136	B16649	Blende metallic
	B16650	Blende schwarz
	B16651	Blende kupfer
137	B17860	Zuluftregler mit Ansaugstutzen
138	N111825	Kontaktschalter
139	Z34533	Schaltstange
140	Z32596	Umlenkplatte unten Rikatronic
	*1	ab Seriennummer 278046
	*2	bis Seriennummer 278045
	*3	bis Seriennummer 1350031 Set B18175 bestellen
	*4	bis Seriennummer 221500813
	*5	ab Seriennummer 221500814

Note: Please consider the powdercoated parts can differ slightly in colour and colour effects though they are elaborated in high quality. Minor damage to the trim parts can be repaired with our special Senotherm paint spray. There is no matching RAL colour for the painted fairing parts.

11. GUARANTEE CONDITIONS

We recommend having the installation performed by a RIKA-certified technician.

These guarantee conditions only apply for the European mainland. For all other countries, the separate conditions of the importer in the respective country apply. In cases of doubt, or in the case of missing or incorrect translations, the German version is always the sole valid version.

In the interest of ensuring damage limitation in good time, the guarantee claim should be sent in writing to the RIKA specialist or contract dealer.

In this event, the following documents must be presented:

- Written reason for complaint
- Invoice
- Commissioning record
- Model name and serial number

RIKA GUARANTEE

5 YEARS

on the welded stove body.

Up to 5 years or 10,000 kg of consumed pellets for pellet stoves.

The RIKA guarantee is a commercial or manufacturer's guarantee (subject to certain exceptions).

This relates exclusively to defects in the material and processing, and to the supply of replacement parts free of charge. Working hours and travel times are not covered by the manufacturer's guarantee.

The guarantee is conditional on the following:

- Only original parts supplied by the manufacturer must be used.
- Professional installation of the stove in compliance with the respective operating manual valid at the time of purchase.
- The stove must be connected by a professional certified for that type of stove.
- The commissioning is performed by a RIKA-certified technician.

If these points are not complied with, the guarantee claim is void!

Any costs incurred by the manufacturer as a result of an unjustified guarantee claim will be charged back to the claimant. Likewise excluded from the guarantee is any damage resulting from or caused by non-compliance with the manufacturer's instructions for operating the appliance, e.g. overheating, use of non-approved fuels, unprofessional interference with the appliance or the flue pipe, a flue suction that is incorrectly adjusted to the appliance or is insufficient or too strong, condensation water, non-performance of or inadequate maintenance or cleaning, non-compliance with the applicable building regulations, improper operation by the operator or third parties, transport and handling damage.

STATUTORY WARRANTY PROVISIONS REMAIN UNAFFECTED BY THE GUARANTEE!

12. WARRANTY CONDITIONS

As a consumer, you are entitled to the warranty, which covers any defects at the time of delivery. The warranty is two (2) years from the date of delivery of the stove.

See the respective general terms and conditions of business and warranty conditions of the RIKA dealer.

The warranty does not cover:

1. Wearing parts (normal wear and tear not resulting from a defect)
2. Parts in contact with fire, e.g. glass, combustion troughs, grates, baffle plates, deflectors, combustion chamber cladding (e.g. refractory clay), ceramics, ignition elements, sensors, combustion chamber sensors and temperature monitors
3. Paint, surface coatings (e.g. handles, cover panels)
4. Seals
5. Natural stone, thermal stone, etc.

valid from: 01.07.2023

13. DISPOSAL INFORMATION

RIKA Innovative Ofentechnik GmbH is ensuring that its products are eco-friendly throughout the product life cycle. This is why our commitment for electronic products goes beyond the end of their product life cycle.

Note

For proper disposal of the device, we recommend contacting a local waste disposal company.

Note

Please contact your RIKA specialist dealer for professional disassembly/dismantling of the device.

Note

We recommend that you remove the parts that come into contact with the fire, such as glass, fire trough, grates, draught plates, baffle plates, combustion chamber linings (e.g. fireclay), ceramics, ignition elements, sensors, combustion chamber sensors and temperature monitors and dispose of them in the household waste.

Information on the individual components of the device

- **Electrical or electronic components:** Remove the electrical or electronic components from the device by disassembling them. These components must not be disposed of in the residual waste. Proper disposal should be carried out via the waste electrical equipment take-back system.
- **Fireclay in the combustion chamber:** Remove fireclay components that have been installed in the combustion chamber from the appliance. If present, fastening elements must be removed beforehand. Fireclay components that come into contact with the fire or flue gas must be disposed of; reuse or recycling is not possible.
- **Vermiculite in the combustion chamber:** Remove vermiculite that has been installed in the combustion chamber from the appliance. If present, fastening elements must be removed beforehand. Vermiculite in contact with fire or flue gas must be disposed of; reuse or recycling is not possible.
- **Glass ceramic pane:** Remove the glass ceramic pane using a suitable tool. Remove the seals and separate them from the frame if present. Transparent glass ceramic can generally be recycled, but must be separated into decorated and non-decorated panes. The glass ceramic pane can be disposed of as construction waste.
- **Sheet steel:** Disassemble the sheet steel components of the device by unscrewing or flexing (alternatively by mechanical crushing). If present, remove the seals beforehand. Dispose of the sheet steel parts as metal scrap.
- **Cast iron:** Disassemble the components of the cast iron device by unscrewing or flexing (alternatively by mechanical crushing). If present, remove gaskets beforehand. Dispose of the cast parts as metal scrap.
- **Natural stone:** Remove existing natural stone mechanically from the unit and dispose of as construction waste.
- **Gaskets (glass fibre):** Remove the gaskets mechanically from the device. These components must not be disposed of with residual waste, as waste glass fibre cannot be destroyed by incineration. Dispose of gaskets as glass and ceramic fibres (artificial mineral fibres).
- **Metal handles and decorative elements:** If present, remove or dismantle metal handles and decorative elements and dispose of them as metal scrap.

Note

Please observe the local disposal possibilities for all components.

Extract from the waste code of the European Waste List Regulation

Waste code	Waste type
15 01 03	Wooden packaging
17 01 03	Tiles and ceramics
17 02 02	Glass
17 04 05	Iron and steel
17 05 04	Soil and stones

Electronic Waste

In accordance with the European Directive (2012/19/EU) Waste Electrical and Electronic Equipment (WEEE) and other local regulations, RIKA supports the setup of take-back systems and recycling infrastructures.

Old devices can easily be returned to the municipal waste collectors for recycling purposes. Please observe the national regulations to that end.



The device may not be disposed of in the normal household waste.

14. COMPLIANCE WITH EU REGULATIONS

CE

This product complies with the requirements of the European Community.

Hereby, RIKA Innovative Ofentechnik GmbH declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2011/1185/EU.

The most recent and valid version of the DoC (Declaration of Conformity) can be viewed at www.rika.at.







RIKA Innovative Ofentechnik GmbH

Müllerviertel 20

4563 Micheldorf / AUSTRIA

Tel.: +43 (0)7582/686 - 41, Fax: -43

verkauf@rika.at

www.rika.at

In case of doubt as well as missing or incorrect translations, the German version is the only valid one. Subject to technical and visual changes as well as layout and printing errors.

© 2026 | RIKA Innovative Ofentechnik GmbH