IMPERA/XL

Operating Manual

RIKA®
THE AUSTRIAN FIRE

1. PREFACE 3
Explanations to symbols 3
Dimensions 3
Amount of fuel 3
Technical data 3
Packaging 3
Spare part overview exploded diagram IMPERA 4
Spare part overview exploded diagram IMPERA XL 6
Spare part overview article numbers Impera 8
Spare part overview article numbers Impera XL 9

2. IMPORTANT INFORMATION 10
General warning and safety information 10
Safety distances 10
Prior to set up 11

3. BRIEF INFORMATION ON FUEL - LOGS 12
Suitable fuels and fuel amounts 12
Wood types 12
Fuel amounts with nominal heat output 12
Clean combustion 12

4. INSTALLING THE STOVE 13
General information 13
Connection to the chimney 13
Connecting to a steel chimney 13
Combustion air 13
Feeding in external combustion air 13

5. OPERATION – MANUAL REAR WALL 14
Correct heating up 14
Operating the riddle grate 14
Control knob rear wall 14

6. CLEANING AND MAINTENANCE 15
Basic information 15
Cleaning flue pipes 15
Empty the ash drawer 16
Cleaning the door glass 16
Cleaning the convection air openings 16
Combustion air - air intake 16
Checking door seal 16
Checking chimneay connection 16

7. ASSEMBLY / DISASSEMBLY 17
Changing to rear connected flue gas 17

8. PROBLEMS - POSSIBLE SOLUTIONS 18
Problem 1 18
Problem 2 18
Problem 3 18

9. GUARANTEE 19

1. PREFACE

Explanations to symbols

...important note

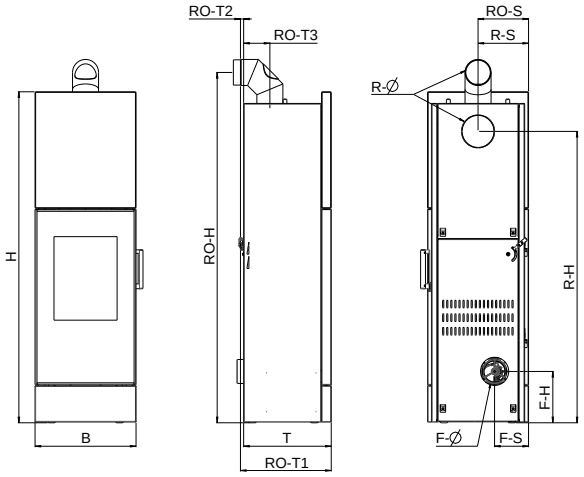
...useful tip

...allen key #4 (M5 winding)

...hex #10 (M6 winding)

...manually

Dimensions



Dimensions		Impera	XL
height	[mm]	1704	1834
width	[mm]	520	570
corpus depth	[mm]	451	451
Weight		**Impera**	**XL**
weight without stone	[kg]	230	251
weight with stone	[kg]	486	541
Flue pipe connection		**Impera**	**XL**
R - Ø flue pipe outlet	[mm]	130	150
RO - H original angle pipe connection height	[cm]	180	189
RO - T1 original angle pipe total depth	[cm]	47	48
RO - T2 original angle pipe distance to rear wall	[cm]	2	3
RO - T3 deapth from rear wall to middle of flue pipe	[cm]	14	14
RO - S original angle pipe side distance	[cm]	26	29
R - H rear connection height	[cm]	150	157
R - S rear connection side distance	[cm]	26	29
Fresh air connection		**Impera**	**XL**
F - Ø diameter	[mm]	125	125
F - H connection height	[cm]	26	35
F - S side distance	[cm]	18	18
Convection air connection		**Impera**	**XL**
K - Ø diameter	[mm]	-	-
K - H connection height	[cm]	-	-
K - S side distance	[cm]	-	-

Amount of fuel

	nominal load	part load
Impera	~1,7 kg	~0,9 kg
Impera XL	~2,3 kg	~1,2 kg

Practical values may vary depending on pellet quality.

Technical data

description	measure	Impera	Impera XL
room heating capacity depending on house coating	[kW]	3 - 6	4 - 8
fuel consumption	[m³]	70 - 160	90 - 210
electric supply	[kg/h]	bis ~1,7	bis ~2,3
average electrical input	[%]	88,5	90,2
fuse	[%]	9,4	11
efficiency	[mg/m$_N^3$]	435	431
CO_2	[mg/m$_N^3$]	18	19
CO-emission on 13% O	[g/s]	7,0	6,9
dust emission	[°C]	173,5	163,1
chimney draft requirement	[Pa]	12	12

The owner of small firing systems or the person authorised for the small firing system is to keep the technical documentation and is to submit it to the authorities or the chimney sweep on request.

Note
Please observe the national and European standards as well as local regulations concerning the installation and operation of firing installations!

Packaging

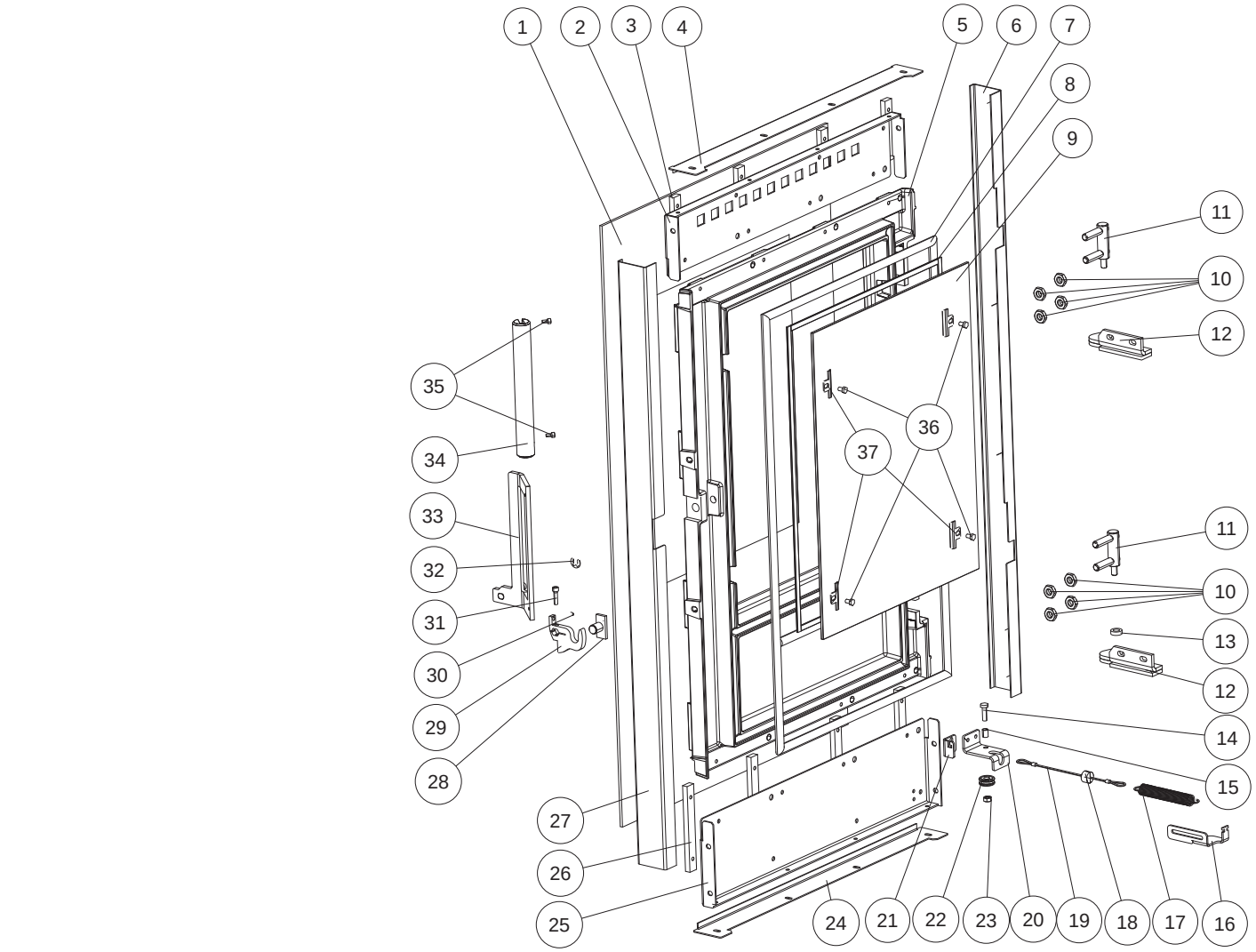
Your first impression is important to us!!

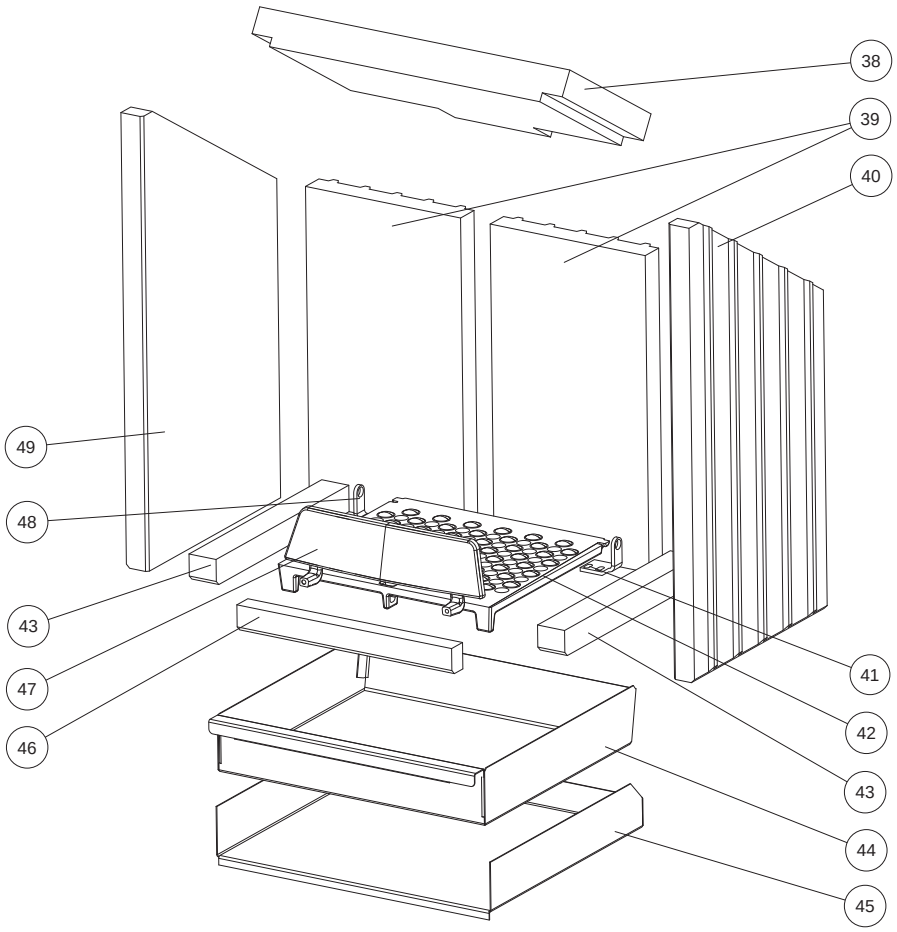
The packaging of your new stove provides excellent protection against damage. However damage to the stove and accessories may still occur during transport.

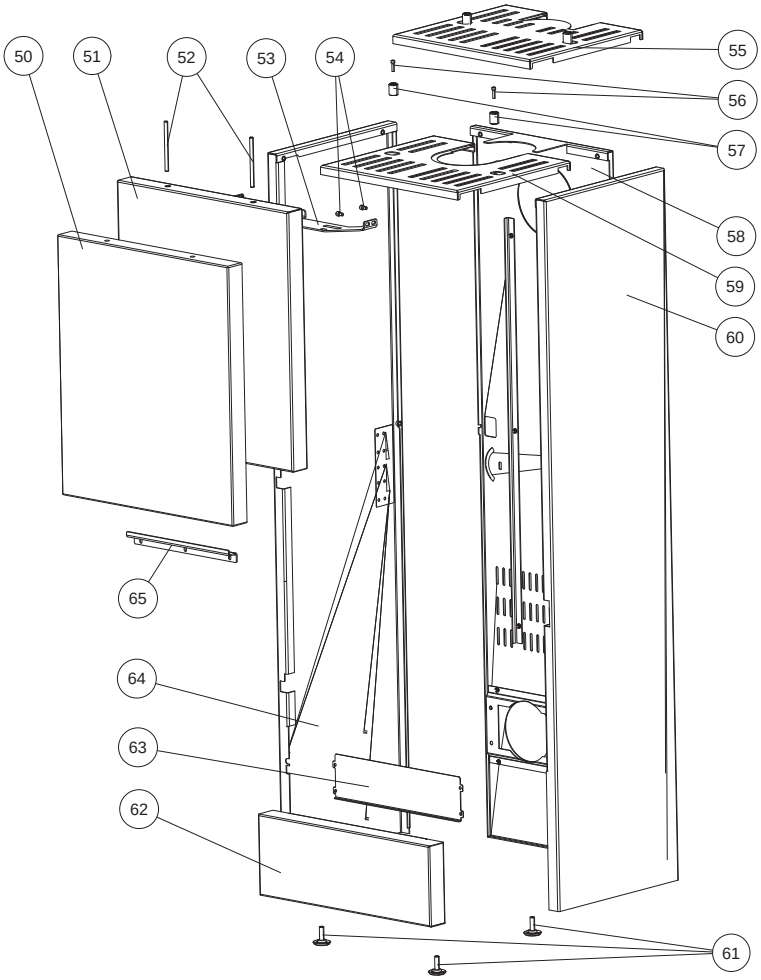
Note
Therefore please check your stove on receipt for damage and completeness! Report any deficiencies to your dealer immediately! Pay particular attention during unpacking that the stone panels remain intact. Scratches to the material can easily occur. Stone panels are excluded from the warranty

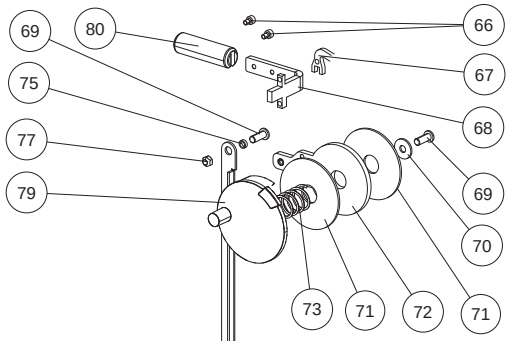
The packaging of your new stove is environmentally neutral to a great extent

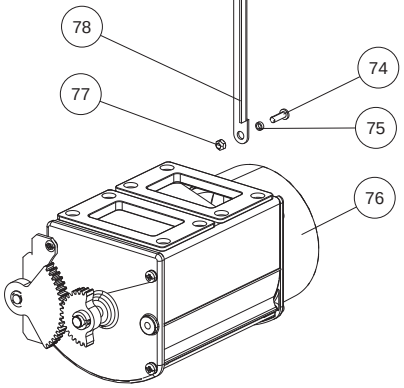
Tip
The wood used in the packaging has not been surface treated and may therefore be burnt in your stove. The cardboard and film (PE) can be disposed of via the municipal waste collection for recycling.

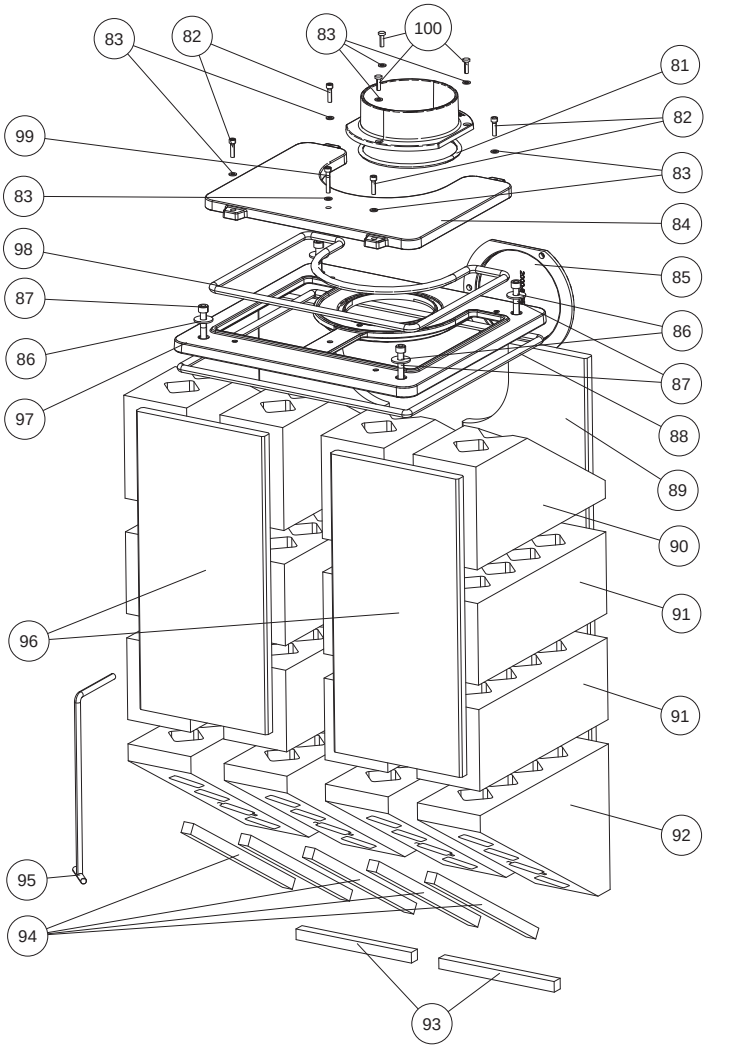

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37

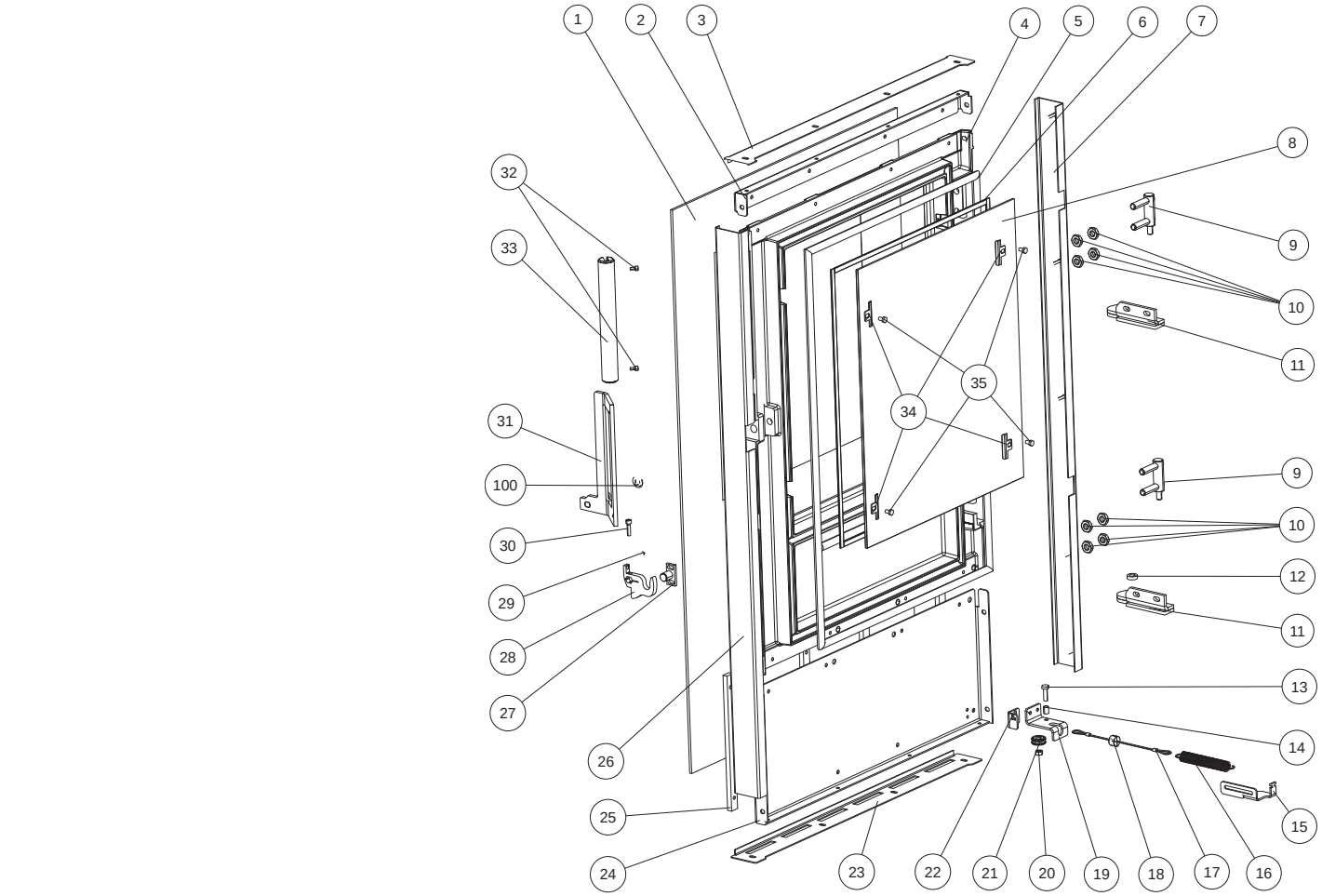

38
39
40
41
42
43
44
45
46
47
48
49

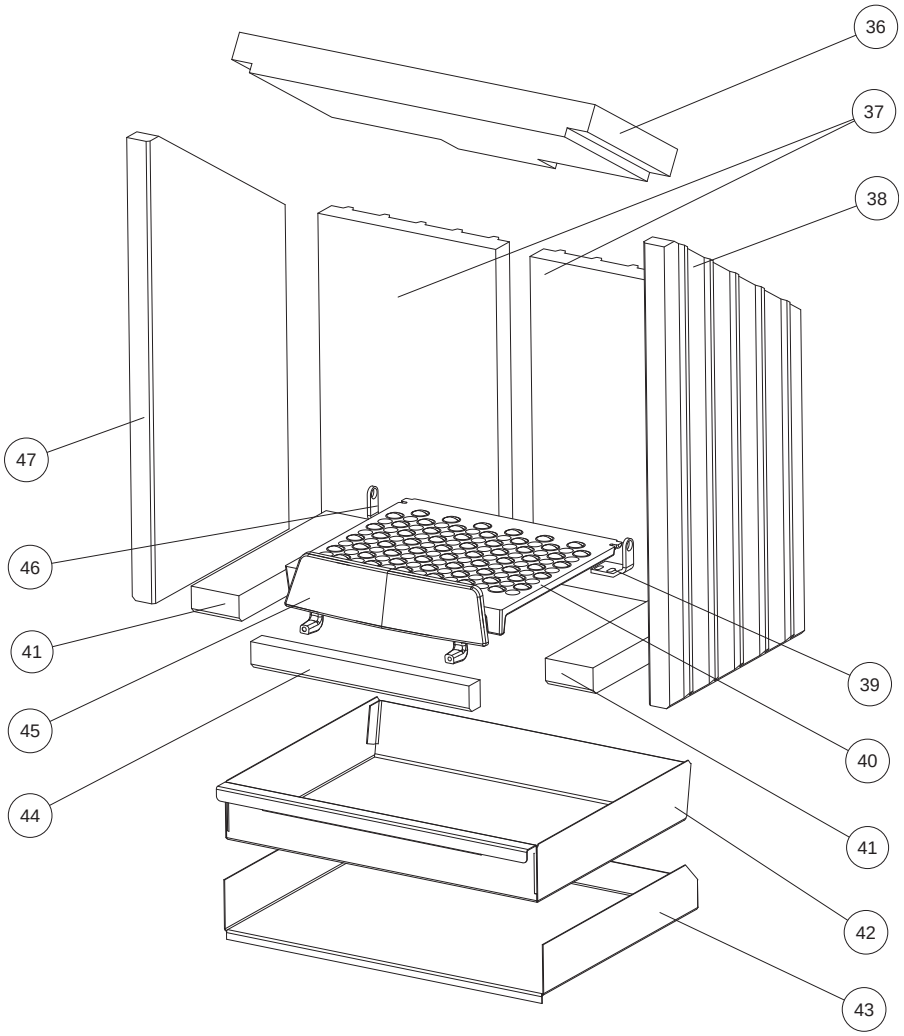

50
51
52
53
54
55
56
57
58
59
60
65
64
63
62
61

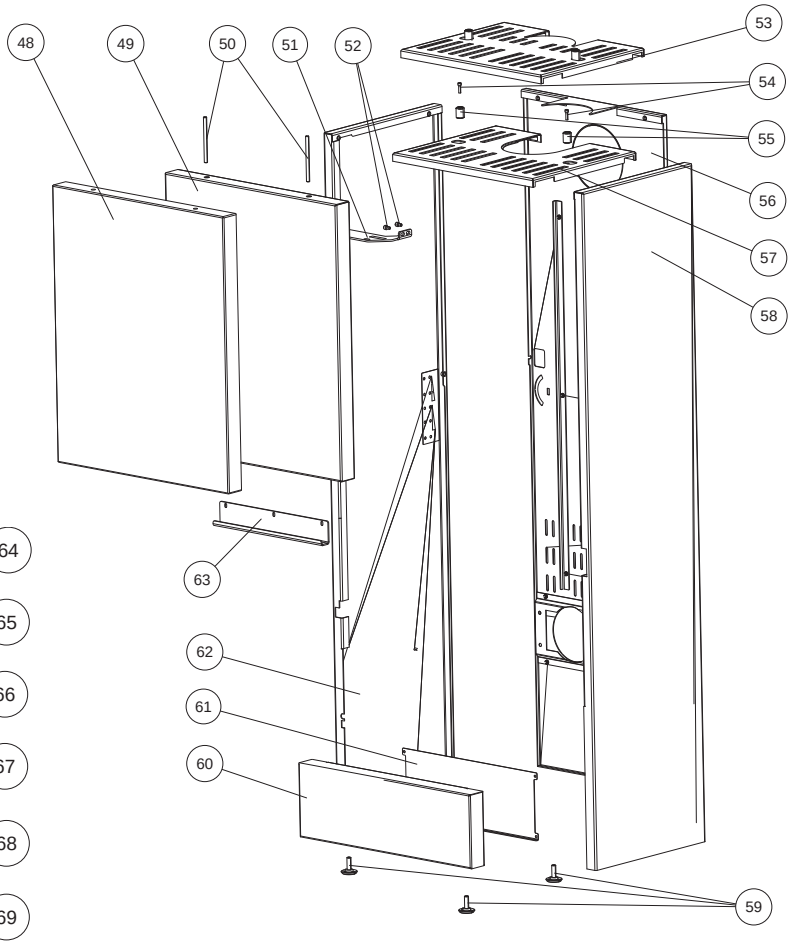

69
80
66
67
75
68
77
79
69
70
73
71
72
71

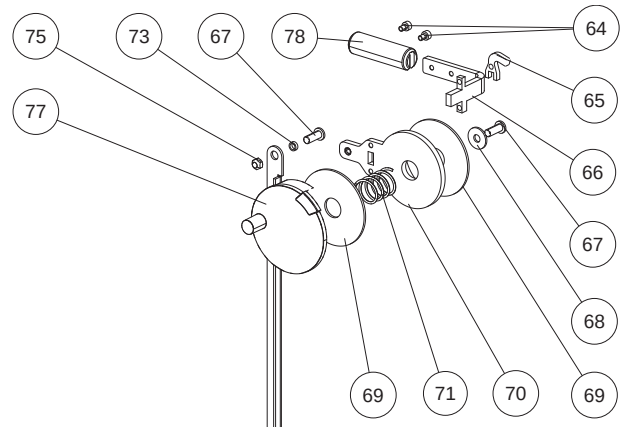

78
74
77
75
76

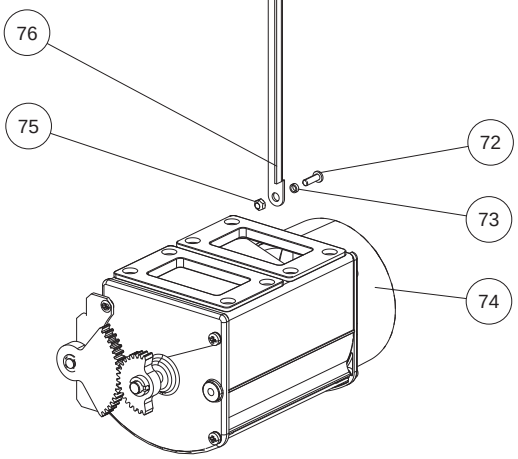

83
82
83
100
81
99
82
83
83
84
98
85
87
86
86
87
97
88
89
90
96
91
91
92
95
94
93

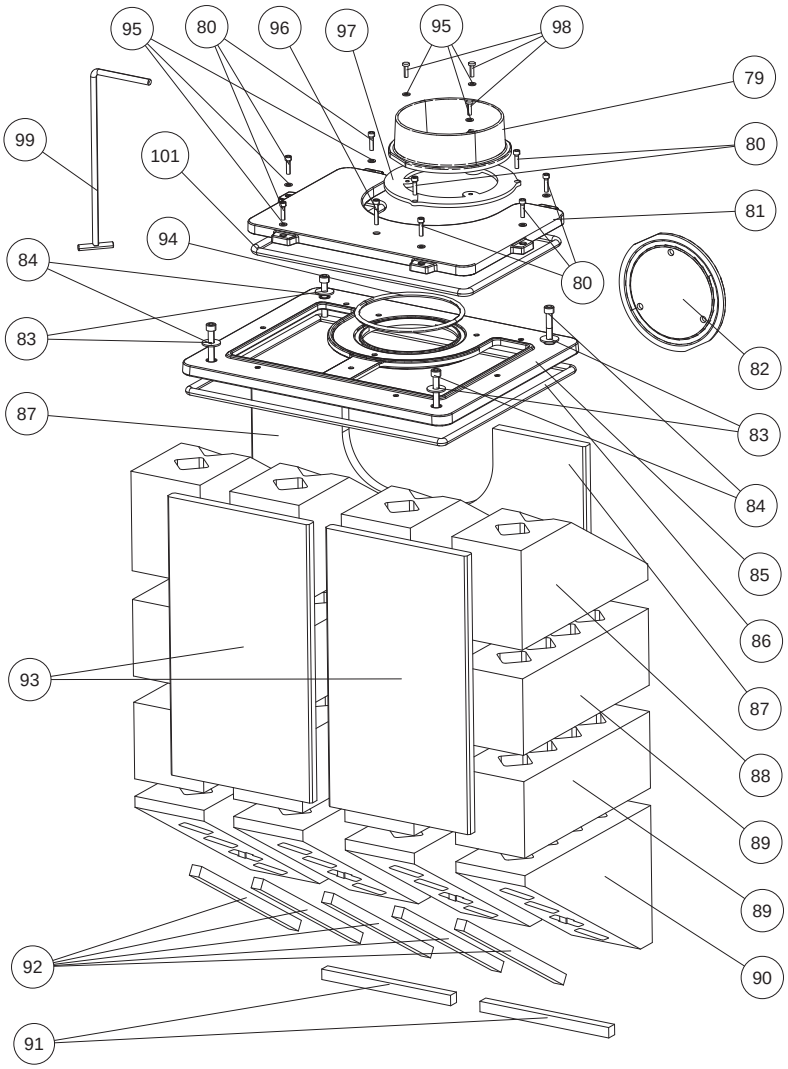

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
100


36
37
38
39
40
41
42
43
44
45
46
47


48
49
50
51
52
53
54
55
56
57
58
63
62
61
60
59


75
73
67
78
64
65
77
66
67
68
69
71
70
69


76
75
72
73
74


95
80
96
97
95
98
79
99
101
80
81
94
84
80
82
83
87
83
84
85
86
87
88
89
89
93
92
90
91

#	Art.Nr.:	Description
1	Z34837	Decorative glass
2	Z35138	door bracket top
3	L02290	Spacer bar above
4	Z35372	Glass frame top
5	Z34834	combustion chamber door
6	Z35373	Glass frame left
7	N100485	Round sealing strip D12
8	N103693	culimeta flat packing black 8x2
9	Z34838	inside glass
10	N111780	Hexagonal nut
11	B17004	hinge
12	B17002	hinge
13	Z22480	door hinge ring
14	N111968	Hexagonal screw M06
15	Z10709	distance
16	L02280	spring tensioner
17	N111999	tension spring (door)
18	N111943	wire cable stop
19	Z34342	wire cable
20	L02197	cable sheave holder
21	L02196	cable holder
22	Z33895	cable sheave
23	N103988	Hexagonal nut M06
24	Z35371	glass frame bottom
25	Z35137	Door bracket, lower
26	L02289	distanc bar bottom
27	Z35374	glass frame right
28	B12322	door lock
29	L02190	door latch
30	N111864	grub screw M05
31	N110017	allen screw
32	N104718	shaft securing device
33	B17195	door handle compl.
34	Z34974	door handle
35	N103990	allen screw M04 x08
36	N111799	Hexagonal screw M05x08
37	L00475	glass holder
38	Z35136	baffle plate bottom
39	Z35134	combustion chamber liner rear
40	Z35055	fire brick right
41	Z31567	grate support right
42	Z30993	grate
43	Z35135	fire brick bottom right and left
44	L02286	ash drawer
45	L002285	ash drawer support
46	Z35122	fire brick bottom
47	Z35105	wood retainer
48	Z31566	grate support left
49	Z35054	fire brick left
50	E15460	front stone soapstone
	E15461	front stone white stone
51	E15462	steel front
52	Z34860	safety bolt
53	L02302	stone holder
54	N111967	allen screw M06x10
55	B17229	cover rear connection
56	N110017	allen screw
57	Z35123	slider handle
58	B17234	rear wall
59	B17044	cover top connection
60	Z35376	side casing panel, right

#	Art.Nr.:	Description
61	N111695	height adjustment screw
62	Z35377	bottom cover panel
63	Z35139	front cover
64	Z35375	Side casing panel, left
65	Z35142	stone holder bar
66	N111990	Hexagon socket M04x06
67	L02201	regulator stop
68	L02200	regulator handle
69	N110045	flat allen screw M06
70	N100173	washer D06
71	Z34373	spring plate
72	L02282	slider
73	N111831	Pressure spring
74	N100751	flat allen screw M05
75	Z27866	distance
76	B17001	Airbox
77	N111974	self-locking nut
78	L02312	switching rod
79	Z34317	sliding lever
80	Z34975	regulator handle
81	N103066	Round sealing strip D06 (Recess)
82	N110017	allen screw
83	N111965	washer D05
84	Z35118	cleaning cover
85	Z35057	cooking cover
86	N111843	washer D08
87	N111599	allen screw M08
88	N100476	sealing cord black Ø10mm
89	Z35386	Power stone rear
90	Z35387	Power stone top
91	Z35388	Power stone middle
92	Z35389	Power stone bottom
93	Z35140	Power stone support
94	Z35331	Power stone support
95	B17221	power stone lifting tool
96	Z35390	Power stone front
97	Z35117	Power stone cover
98	N100476	sealing cord black Ø10mm
99	N111992	allen screw M05x20
100	N111203	Hexagonal screw M05x08

#	Art.Nr.:	Description
1	Z34835	Decorative glass
2	Z35021	door bracket top
3	Z35361	Glass frame top
4	Z34833	combustion chamber door
5	N100485	Round sealing strip D12
6	N103693	culimeta flat packing black 8x2
7	Z35362	Glass frame left
8	Z34836	inside glass
9	B17004	hinge
10	N111780	Hexagonal nut
11	B17002	hinge
12	Z22480	door hinge ring
13	N111968	Hexagonal screw M06
14	Z10709	distance
15	L02280	spring tensioner
16	N111999	tension spring (door)
17	Z34342	wire cable
18	N111943	wire cable stop
19	L02197	cable sheave holder
20	N103988	Hexagonal nut M06
21	Z33895	cable sheave
22	L02196	cable holder
23	Z35360	glass frame bottom
24	Z35020	Door bracket, lower
25	L02188	distanc bar bottom
26	Z35363	glass frame right
27	B12322	door lock
28	L02190	door latch
29	N111864	grub screw M05
30	N110017	allen screw
31	B17195	door handle compl.
32	N103990	allen screw M04 x08
33	Z34974	door handle
34	L00475	glass holder
35	N111799	Hexagonal screw M05x08
36	Z35121	baffle plate bottom
37	Z35053	combustion chamber liner rear
38	Z35055	fire brick right
39	Z31567	grate support right
40	Z30993	grate
41	Z35056	fire brick bottom
42	L01943	ash drawer
43	L02183	ash drawer support
44	Z35122	fire brick bottom
45	Z35105	wood retainer
46	Z31566	grate support left
47	Z35054	fire brick left
48	E15463	front stone soapstone
	E15464	front stone white stone
49	E15465	steel front
50	Z34860	safety bolt
51	L02209	stone holder
52	N111967	allen screw M06x10
53	B17230	cover rear connection
54	N110017	allen screw
55	Z35123	slider handle
56	B17233	rear wall
57	B17036	cover top connection
58	Z35365	side casing panel, right
59	N111695	height adjustment screw
60	Z35366	bottom cover panel

#	Art.Nr.:	Description
61	Z35039	front cover
62	Z35364	Side casing panel, left
63	Z35046	stone holder bar
64	N111990	Hexagon socket M04x06
65	L02201	regulator stop
66	L02200	regulator handle
67	N110045	flat allen screw M06
68	N100173	washer D06
69	Z34373	spring plate
70	L02282	slider
71	N111831	Pressure spring
72	N100751	flat allen screw M05
73	Z27866	distance
74	B17001	Airbox
75	N111974	self-locking nut
76	L02312	switching rod
77	Z34317	sliding lever
78	Z34975	regulator handle
79	Z20556	flue pipe connection
80	N110017	allen screw
81	Z34962	cleaning cover
82	Z10217	cooking cover (without seal)
83	N111843	washer D08
84	N111599	allen screw M08
85	B17034	Power stone cover
86	N100476	sealing cord black Ø10mm
87	Z35042	Power stone rear
88	Z35045	Power stone top
89	Z35044	Power stone middle
90	Z35043	Power stone bottom
91	Z35330	Power stone support
92	Z35331	Power stone support
93	Z35041	Power stone front
94	N103066	Round sealing strip D06 (Recess)
95	N111965	washer D05
96	N111992	allen screw M05x20
97	Z35130	adapter plate
98	N111203	Hexagonal screw M05x08
99	B17221	power stone lifting tool
100	N104718	shaft securing device
101	N100476	sealing cord black Ø10mm

2. IMPORTANT INFORMATION

General warning and safety information

Observance of the introductory general warning information is imperative.

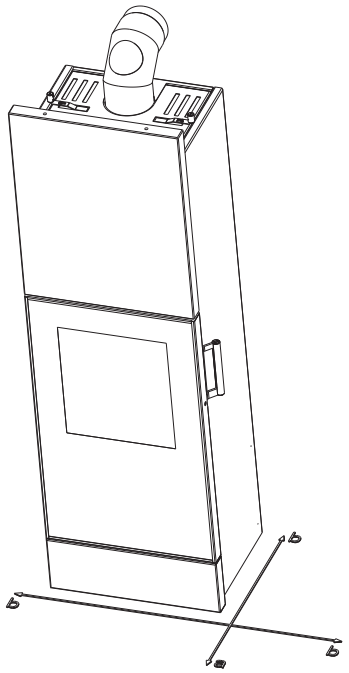
- Read the entire manual thoroughly before installing and putting the stove into service. Observe the national provisions and laws as well as the regulations and rules applicable locally.
- Only approved transport equipment with sufficient load carrying capacity may be used with your heating appliance.
- Your heating appliance is not suitable for use as a ladder or stationary scaffolding.
- 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 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.
- Placing non-heat resistant objects on the stove or near it is prohibited.
- Do not place clothing on the stove to dry.
- Stands for drying clothes 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!

Safety distances

Note
1. To non-combustible objects
a > 40 cm b > 10 cm
2. To combustible objects and reinforced concrete load-bearing walls
a > 80 cm b > 20 cm

Tip
please observe a minimum distance of 20 cm behind and sideways the stove for maintenance.



Prior to set up

Floor bearing capacity

Ensure that the substructure is capable of bearing the weight of the stove prior to set-up.

Note
No modifications may be made to the firing installation. This also leads to loss of warranty and guarantee.

Floor protection

A base is required (glass, sheet steel or ceramic) if the floor is combustible (wood, carpet, etc.).

Flue pipe connection

- 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.
- Push the embers together to form a firebed when you add new fuel (logs).
- 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.
- Use the heat-resistant gloves supplied to open the doors of your stove.

Stoves type 1 (BA 1):

- These may only be operated with the combustion chamber door closed.
- Suitable for multiple occupancy. (note the different country regulations)
- 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 phone the fire brigade and get yourself and other residents out of harm's way.

Note
on ROOM-AIR DEPENDENT and
ROOM-AIR INDEPENDENT OPERATION:
Your stove has been tested as a room-air dependent stove according to EN 13240 and does not conform in Germany to the requirements for room-air independent operation. In combination with room-air installations (e.g. controlled ventilation and venting systems (extractors etc.) it must be ensured that the stove and the room air system are monitored and safeguarded mutually (e.g. via a differential pressure controller etc.). The combustion air infeed of approx. 40 m3/h must be ensured. Please observe the respective local regulations and rules in consultation with your master chimney sweep.

3. BRIEF INFORMATION ON FUEL - LOGS

Suitable fuels and fuel amounts

Your stove is generally suitable for burning dry firewood. You can also burn fuels 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 etc. are burnt! This leads to damage to the stove and chimney and environmental pollution!

Note
FUEL AMOUNTS
The stove is fitted with a construction-specific flat firebox. This means only one layer of fuel may be laid on the base embers.
Please observe that adding greater quantities of fuel leads to emission of more heat and greater heating of the stove than it is designed for. This may cause damage to your stove.

Wood types

Different types of wood have different fuel values. Deciduous wood 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	fuel value kWh/m³	fuel 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

Fuel amounts with nominal heat output

Logs - wood briquettes (broken)

3 logs or pieces approx. 0.8kg each

The output of your stove is regulated via the Rikatronic³, however 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.

Guideline between 14% and 18% relative wood moisture.

Wood stored dry and ventilated for 2 – 3 years.

2. Correct firewood amount and size

- Too much firewood leads to overheating. This stresses the material too much and leads to poor flue gas values.
- Too little firewood or logs being too large means the stove does not reach optimum operating temperature. The flue gas values are also poor in this case.
- For right quantity of firewood (see AMOUNT OF FUEL)

4. INSTALLING THE STOVE

General information

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

Note
Assembly may only be performed by authorised specialist companies.

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

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

Note
Your stove is intended for room-air independent operation. Thus the stove pipe connections must be tightly sealed permanently for this use. 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 an approved chimney for solid fuel. The chimney must have a diameter of min. 120mm.
- Avoid long flue pipes to the chimney. The horizontal length of the flue pipe should not exceed 1.5 m.
- Avoid to many bends of the flue gas pipes.
- There should not be more than 3 bends in the exhaust pipe.
- If you just can not connect directly to the chimney, 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 15Pa.
- The derivation of the flue gases must be guaranteed even during a temporary power outage.

Note
If connecting to multiple connection chimneys additional safety equipment is required. Your local chimney sweep will advise you in this case you.

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 are 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 negativce pressure in the room or poor combustion

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

Feeding in external combustion air

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

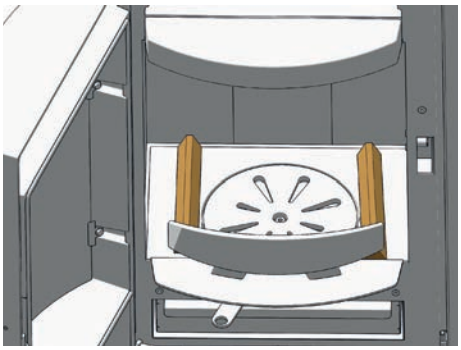
- Combustion air must be fed to the stove from outside via a sealed pipe for operation independent of the room air. According to EnEV, it must be possible to shut off the combustion air pipe. The open/closed setting must be clearly recognisable.
- Cut the perforated right rear wall out with a hacksaw.
- Connect to the intake nozzle either a pipe Ø125mm (logs stove and combi stove) or Ø50mm (pellet stove) and fix this with a pipe clamp (not included in scope of supply!) On pellet stoves with longer connection pipes, the diameter should be enlarged to some Ø100mm after approx. 1m.
- To ensure sufficient air intake, the line should not be longer than 4m and should not have too many bends.
- If the line leads outside it must have a windbreak.
- In extreme cold pay attention to icing of 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.

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.

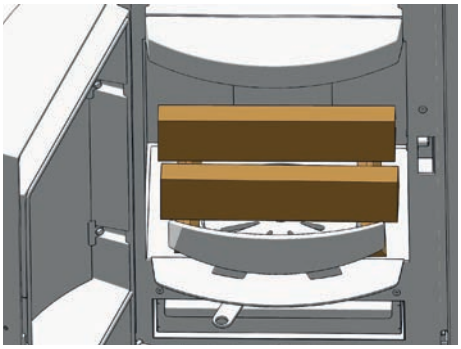
5. OPERATION – MANUAL REAR WALL

Correct heating up

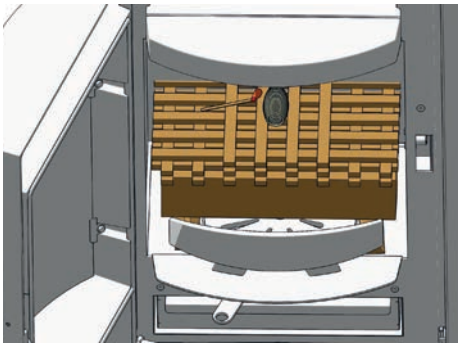
1. Press the control knob at the rear wall down completely into “Heating-up position” – primary and secondary air intakes are open completely in the heating-up position. Open the combustion chamber door, place left and right 2 small pieces of chipboard lengthways in the bottom of the combustion chamber.



Place 2 logs crossways on top of this chipboard.



2. Now place further pieces of chipboard in crossways layers on top of the logs and place a firelighter on the left underneath the chipboard (some uncoated paper can be placed underneath the chipboard instead of using a firelighter).



3. Open the riddle grate completely and 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 at the rear wall 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 (see CONTROL KNOB REAR WALL) another few minutes later (depending on draught and fuel quality / amount).

After the first burn-off, again add approx. 2kg wood (2 logs). Open the riddle grate and set the control at the rear wall 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
If a lot of smoke develops when wood is placed on a low firebed, an explosive gas/air mixture may arise and cause a deflagration. It is recommended that a new heating-up procedure is started for safety reasons.

Operating the 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 required for heating up.

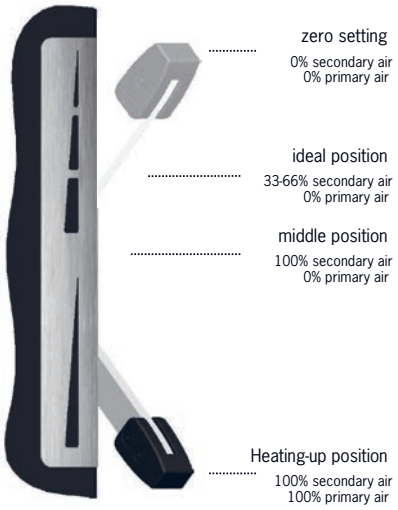
The riddle grate can be closed for further wood addition after the heating up.

The riddle grate should always remain closed. Exception: wood or briquettes are too wet.

Control knob rear wall

The “Heating-up position“ may only be used for heating up.

The performance of your stove also depends on the chimney draught; therefore the control know at the rear wall must be used according to your own experience.



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.

A stop to prevent inadvertent closing of the air intake has been integrated for safety reasons.

To prevent air intake completely, the control knob at the rear wall must be pressed back slightly, only then can the zero position be set and the air regulator thus closed.

6. CLEANING AND MAINTENANCE

Basic information

Note
Your stove must be switched off and cooled before any maintenance work is performed. Ensure that you do not vacuum into the combustion air line during heating operation during any cleaning (vacuuming). You could vacuum out embers – FIRE RISK!

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.

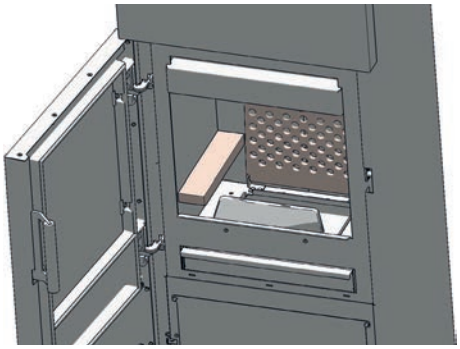
Tip
wood as fertiliser - The mineral content of the wood remains in the combustion chamber as ash as a residue of the combustion. This is an excellent fertiliser for all plants in the garden; it is a completely natural product. The ash should be stored first and extinguished with water.

Note
Ash may contain embers – only place ash in sheet steel containers.

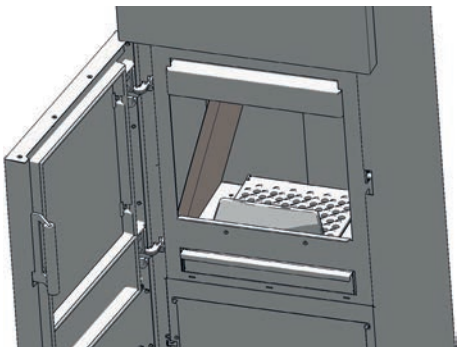
Cleaning flue pipes

The exhaust pipes should be cleaned twice a year .

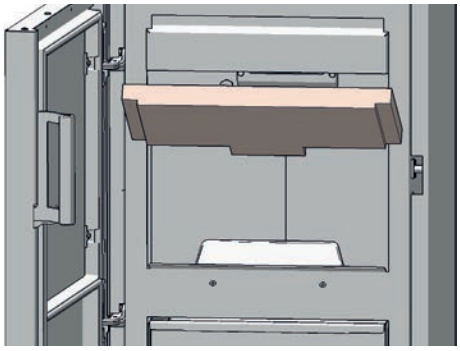
Open the firebox door. Open the grate and remove the left bottom fire brick.



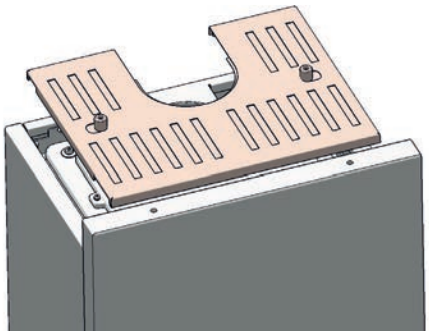
Close the grate again. Now lift the upper baffle plate slightly and remave the left fire brick.



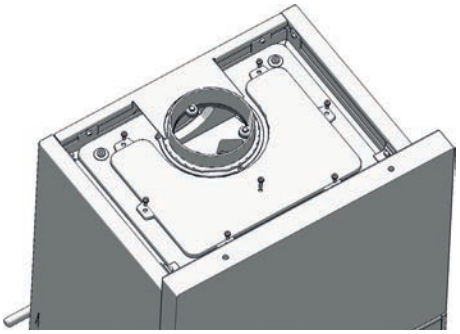
Now you can remove the top baffle plate.

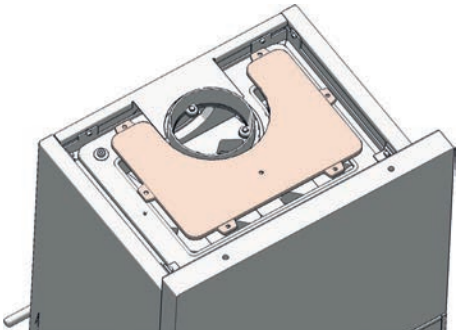


Remove the cover by simply lifting.

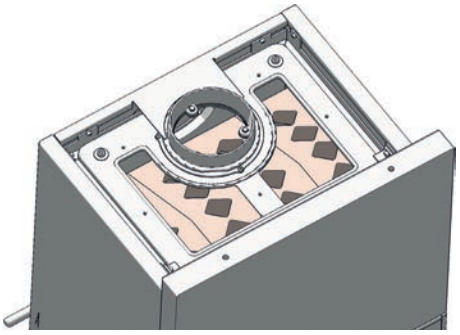


Open the 7 screws and remove the cover plate.





Clean the flue gas passes with the supplied wire brush



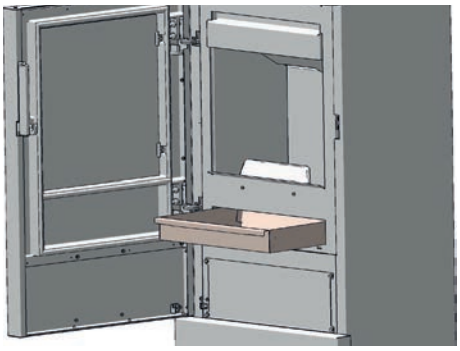
Then clean the combustion chamber well.

Install the removed parts in reverse order again..

EN

Empty the ash drawer

Empty the ash drawer regularly. You can simply pull forward the ash drawer with open fire door



Cleaning the door glass

The glass can be cleaned best with a moist cloth. Stubborn dirt can be removed with a special cleaner available from your stove dealer.

Cleaning the convection air openings

Suction off 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

Also clean the air intake if necessary.

Note
Only when the stove is cold and not running.

Checking door seal

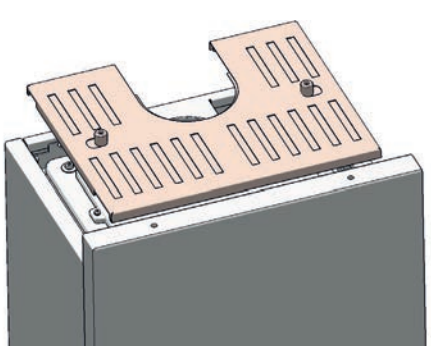
The condition of the seals at doors and glass should be checked at least 1 x per year. Repair or replace seals depending on condition.

Checking chimneay connection

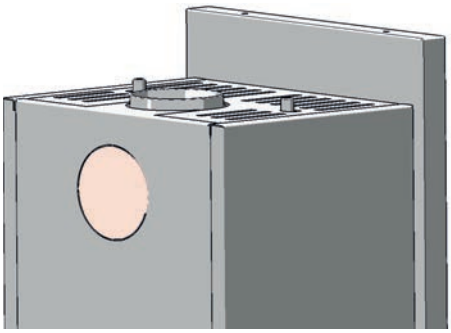
Inspect and clean connection. Accumulated fly ash may impair the performance of the stove and pose a safety risk.

Changing to rear connected flue gas

Remove the stove cover by simply lifting

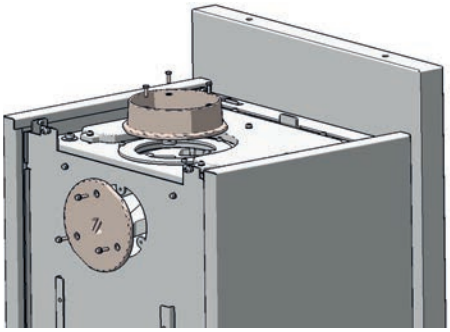


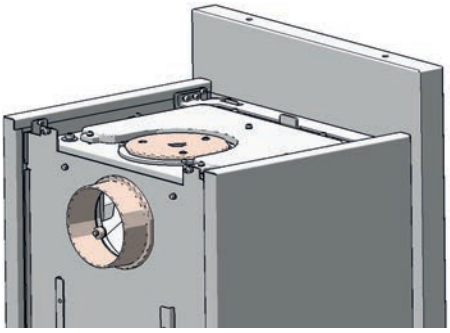
Remove the rear panel and cut it out along the perforation.



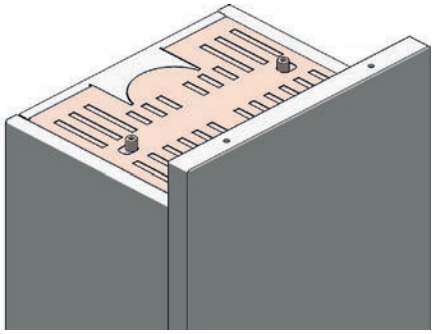
Replace the flue outlet to the cooking lid

#10





Finally the rear wall and the optional stove cover (# E15266-Impera, # E15403 Impera XL) can be mounted



8. PROBLEMS - POSSIBLE SOLUTIONS

Problem 1

Fire burns with weak, orange flame. Pellets heap up in fire trough, window sooted up.

Cause(s)

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

Possible solutions pellet operation

- Check whether flue gas pipes are blocked with ash (see CLEANING AND MAINTENANCE).
- Use dry wood and correct fuel amounts (see BRIEF INFORMATION ON FUEL - 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 smokes outside.

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)
- Inspection openings leak

Possible solution(s)

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

Note
Please note that checks on the control system and wiring ma only be performed in unit switched dead. Any repairs may only be performed by trained specialists.

Tip
If a malfunction message occurs, the cause must first be remedied; the unit can be put back into operation by acknowledging the malfunction at the touch display.

9. GUARANTEE

These warranty conditions are only valid for the following countries: Austria, Germany and Switzerland. Separate conditions imposed by the importer apply for all other countries.

For the purpose of timely damage limitation, the warranty claim on the part of the claimant is to be enforced at the RIKA dealer in writing using the invoice and stating the purchase date, model name, serial number and reason for complaint.

WARRANTY

5 years on the welded stove body. This exclusively applies to defects in materials and workmanship as well as free replacement. Labour and travel times are not included in the manufacturer's warranty.

Only original parts supplied by the manufacturer should be used. Loss of warranty on non-observance!

The precondition for the warranty is that the stove has been installed and commissioned properly according to the User and installation manuals valid at the time of purchase. Connection must be performed by a specialist for such stoves.

Any costs incurred by the manufacturer due to unjustified warranty claims are to be charged to the claimant.

Wear parts and parts affected by fire are excluded, such as glass, coating, surface coatings (e.g. handles, panels), seals, fire trough, grates, draught plates, deflector plates, combustion chamber liners (e.g. fireclay), ceramics, natural stone, thermo stone, ignition elements, sensors, combustion chamber sensors and temperature controller.

Damage arising from non-observance of the manufacturer's instructions for operation of the unit or any damage that is caused by action such as overheating, use of non-approved fuels, tampering with the device or the flue gas pipe, electrical excess voltage, an incorrect, insufficient or excessive flue draught, condensation, non-performance or deficient maintenance and cleaning, non-observance of the relevant and applicable building regulations, incorrect operation by the user or third parties, transport and handling damage is also excluded.

THE WARRANTY DOES NOT AFFECT THE STATUTORY WARRANTY PROVISIONS.

01.07.2013

Art.Nr.: Z35345 | 05.03.2014

RIKA Innovative Ofentechnik GmbH
4563 Micheldorf/Austria, Müllerviertel 20
Telefon: +43 7582 686-41, Fax-DW: 43
E-Mail: verkauf@rika.at

RIKA.AT