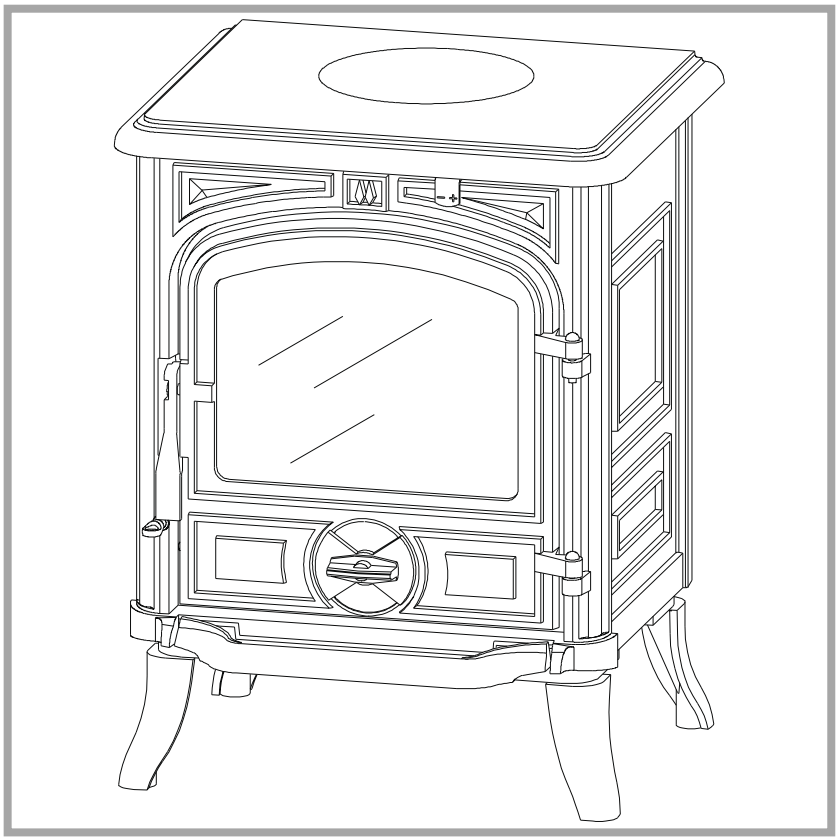
Belfort

Wood or coal stove

Model : 134 04 11

Output : 4,5 kW

NF EN 13240



Description of the appliance

Installation instructions

Operating instructions

Spare parts

Warranty certificate

Document n° 1174-3 ~ 15/10/2004

FR EN NL

Technical manual

to be saved

by the user

for future reference

FRANCO BELGE

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FRANCO BELGE congratulates you on your choice.
FRANCO BELGE, which has been granted the ISO 9001 certification, guarantees the quality of its appliances and is committed to meet its customers’ needs.
FRANCO BELGE, which can boast a 75-year experience in the industry of heating devices, uses state-of-the-art technologies
to design and manufacture its whole range of products.
This document contains instructions on how to install your appliance and make full use of its functions, both for your comfort and safety.

CONTENTS

This appliance is meant to burn wood or solid fuel safely.
WARNING
An incorrectly installed oil-fired stove can cause serious accidents.
This appliance should only be installed by competent personnel.

1. Product information

1.1. Package

- 1 package : Stove complete.

1.2. Optional equipment

- Optional for Great Britain : Water jacket.
- Set of 4 hight legs.

1.3. General characteristics

Reference	**134 04 11**
Maximum output kW	4,5
Chimney draft required Pa	20
Grate dimensions :	
- width mm	270
- depth mm	200
- usable height mm	240
Max. log size cm	25
Ash pan capacity litres	3
Net weight kg	77
Autonomy h	7,30

1.4. Description

Intermittent-burning heating appliance.
Wood burnt on **grate**
Wood burning stove
Close cast iron firebox
Removable appliance, to be installed near a wall.

- Detachable flue spigot for rear or top chimney connection.
- Detachable top for easy handling and cleaning (rear smoke exit only).
- Adjustable air controls for controlling the burning rate.
- Spin wheel for lighting.
- Large ash-pan.
- Grate shaker control.

1.5. Principle of operation

The " Belfort " is designed for operation with the door closed.
Heat is mainly diffused by radiation, through the window and body of the appliance.
Combustion occurs on the grate, with draught entry through the top of the combustion chamber when using wood and under the grate when using coal.

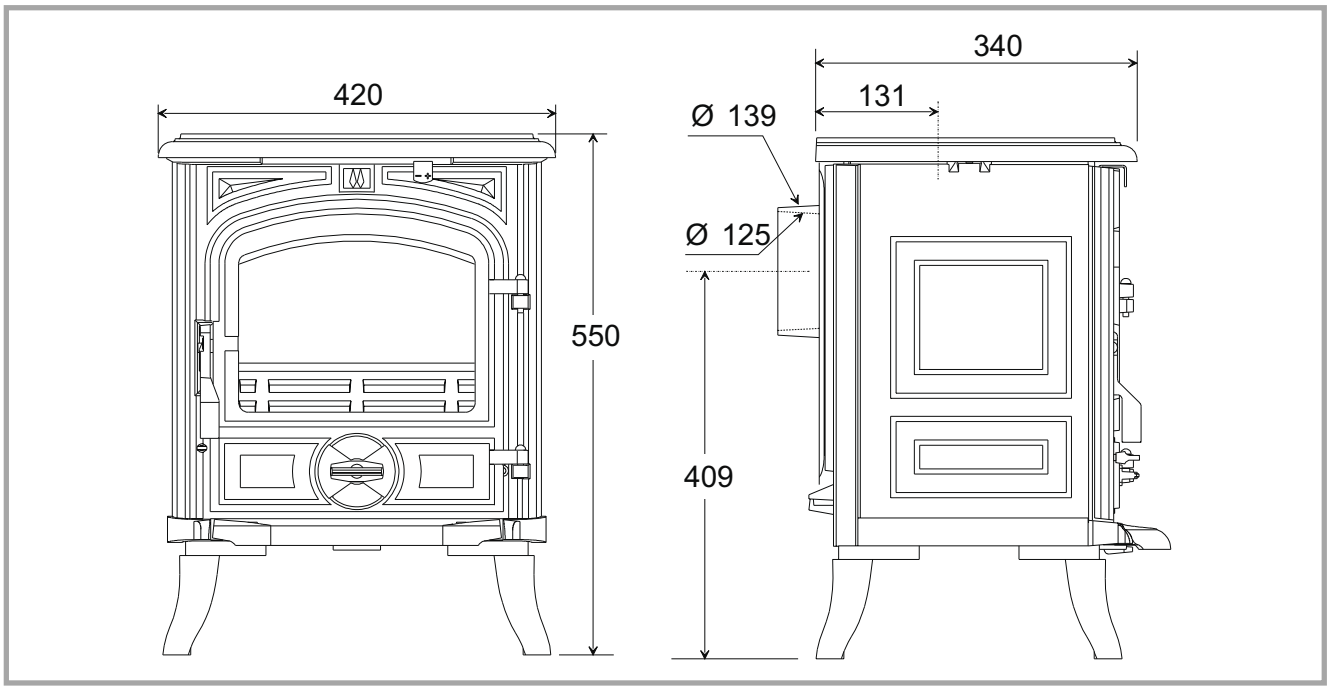


Figure 1 - Dimensions in mm

2. Installation instructions

2.1. Warning to the user

An incorrectly installed heating appliance can cause serious accidents (chimney fires, burning of plastic insulation materials, in partition walls, etc.).

The insulation of both the appliance and the exhaust gas pipe has to be reinforced and done according to the Standards and the Building Regulations for safety reasons. The installation must be carried out according to the Standards and the Building Regulations.

Failure to respect the mounting instructions leads to engage the responsibility of the one doing the installation.

The manufacturer's responsibility shall be limited to the supply of the appliance.

2.2. Location of the unit

Ventilation :
For satisfactory appliance operation with a natural draught, check that sufficient air for combustion is available in the room.

Position of the unit :
For new installations, select a central position within the house, to provide a good heat distribution around the building.
The heat distribution towards the other rooms will be made through the communicating doors.
These rooms must be in negative pressure or must include ventilation gratings.

Floor and walls :
Make sure they are not combustible or covered with combustible material (as per the Building regulations).

Otherwise it must necessary to install a non-combustible protection.

There must be a clearance of at least 150 mm at each side of the appliance and at the back of the appliance from a non-combustible wall.

This distance must be extended to a minimum clearance of 350 mm from any combustible materials.

This measurement may be reduced to a minimum gap of 50 mm when the non-combustible wall is at least 200 mm thick.

When using a single wall flue pipe, there must be a clearance (A) of at least three times its diameter (B) from any combustible materials.

If the appliance has to be located in an opening, this distance must be extended to a minimum clearance (A) of 375 mm from the pipe or the stove body to any combustible materials.

Hearth

The appliance must stand on a fireproof hearth.

The hearth must be made of non-combustible material of thickness 12 mm minimum (C). This may include the thickness of a non-combustible floor.

The hearth must protrude at least 225 mm in front of the stove and 150 mm each side.

If the hearth is constructed on timber, there must be a clearance of at least 250 mm from the timber to the top surface of the hearth.

2.3. Flue

The chimney must comply with Current Building Regulations. If in doubt, consult your Dealer or local Building Inspector.

Existing flue :

- The flue must be in good condition and must provide sufficient draught.
- The flue must be suitable for the installation of solid fuel burning appliances and comply with Current Building Regulations.
- The flue must be clean. It should be swept to remove soot and dislodge tar deposits.
- The flue must be well insulated. If the flue inner wall surfaces are cold, a good thermal draw is impossible causing condensation problems (tar formation etc) to occur.
- The flue must not be shared with other appliances.
- The chimney must be at least 4.5 m (15 ft high).
- In case of a flat roof or when the roof gradient is lower than 15°, the stack must be 1,2 m (4 feet) high at least.
- If the chimney has any down draught tendency, due to its position in relation to nearby obstacles, then an anti-down draught cowl must be installed on the chimney or the chimney height must be increased.
- If the decompression in the chimney is excessive, a draught stabiliser must be installed.

Chimney to be built / Flue non-existent :

- The flue must not be supported by the stove.
- Consult a chimney specialist for advice on suitable flue systems for solid fuel appliances.

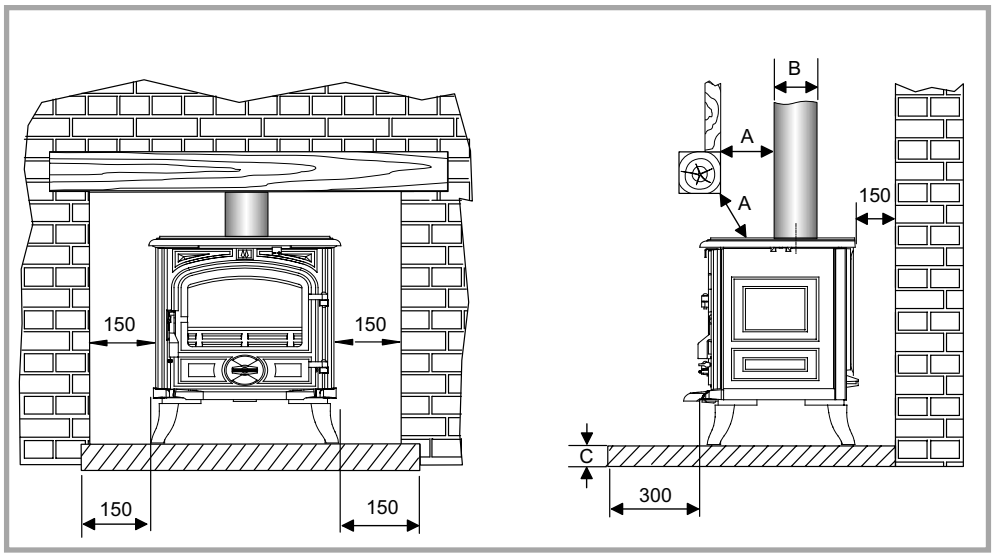


Figure 2 - Clearances

2.4. Assembly of flue spigot and blanking plates

The stove is supplied with a connection flue spigot with an inner diameter of 125 mm or an outer diameter of 139 mm.

2.4.1. Smoke exit on the top

Figure 4

- Remove the internal baffle (# 17, page 13).
- Fit the sealing rope in the groove and attach the flue spigot (# 26, page 13) using the three bolts and washers supplied.
- Check that the two blanking plates are fixed to the back wall (# 25 & 35, page 13)
- Replace the internal baffle.

2.4.2. Smoke exit at rear

Figure 5

- Remove the internal baffle (# 17, page 13) and the rear heat shield (# 16, page 13).
- Fix the sealing rope in the groove on the rear and fit the flue spigot, ensuring there is a good seal.
- Fix the sealing rope in the groove on the top and fit the two blanking plates, ensuring there is a good seal.
- Replace the internal baffle.
- Remove the cut-out in the rear heat shield and re-fit.

2.5. Chimney connector

- The appliance must be installed as close as possible to the chimney.
- The connector pipe must be approved for installation with combustion products (either 24 ga. Black painted or blued steel or 316 grade 20 ga. Stainless steel or 1 mm vitreous enamelled steel).
- Pipe diameter must not be less than the appliance spigot diameter. If there is no other solution, the reduction can not be more than one diameter lower than the flue spigot and be situated as distant as possible from the flue connection of the appliance.

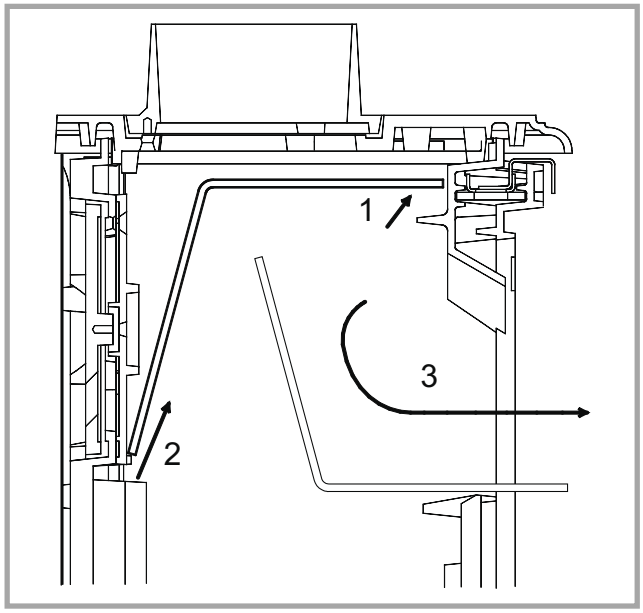


Figure 3 - Removing the flue baffle

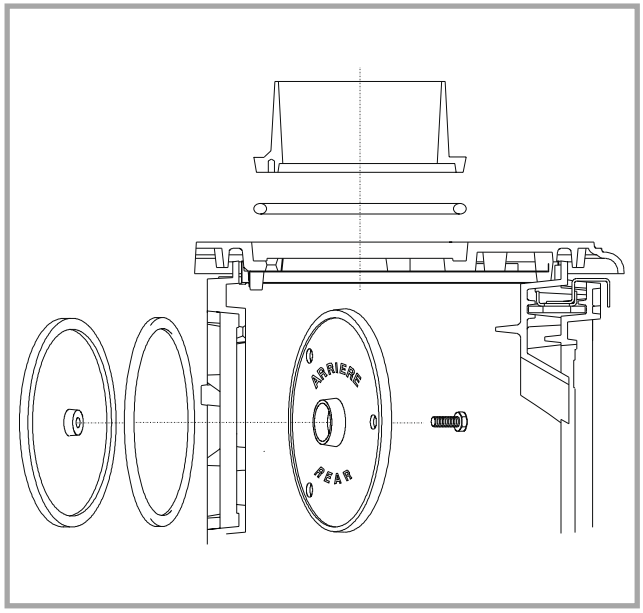


Figure 4 - Smoke exit on the top

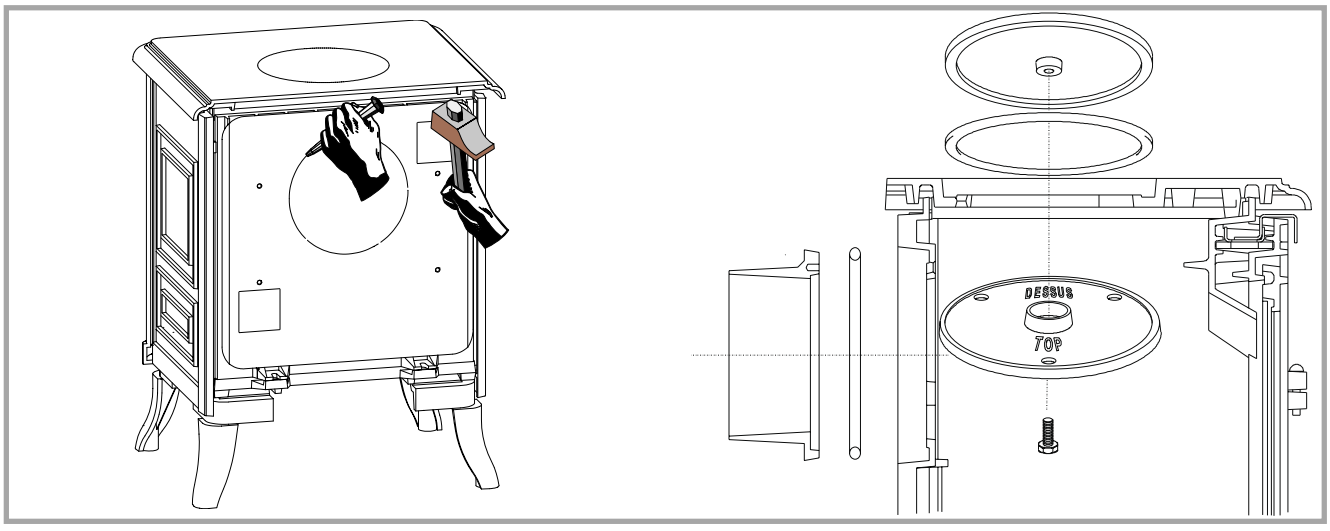


Figure 5 - Smoke exit at rear

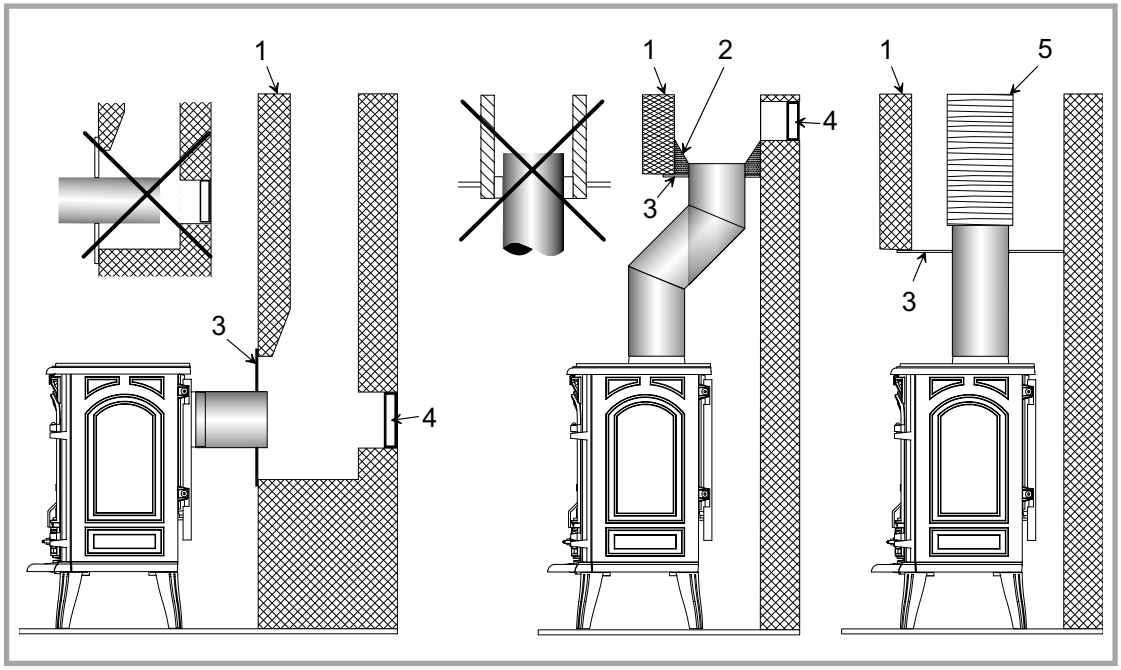


Figure 6 - Chimney connections

1 - Chimney
2 - Funnel-shape fireproof material
3 - Non combustible register plate
4 - Cleaning access door
5 - Liner

- The connection can be either vertical or horizontal. For horizontal connections, avoid right angle bends.
- The join between the connection pipe and the stovepipe, and the flue, must be leak tight.
- The connection pipe and any draught stabiliser must have access for cleaning.
- The spigot should be connected to a minimum of 125 mm flue system and in that case the appliance is capable of burning untreated wood and recommended solid fuels.

2.6. Maintenance of the stove body

- The stove must be regularly cleaned.
- Remove all deposits from the combustion chamber and clean the grate area.
- The vitro ceramic glass can only be cleaned using a soft cloth and stove glass cleaner, available from your Franco Belge Dealer. DO NOT USE ABRASIVES
- The vitro ceramic glass resists a temperature of 750°C. If the glass should be broken, it is recommended that only an original factory replacement should be fitted.

For enamelled finishes, the stove body can be cleaned using a soft cloth either dry, or slightly damp with a very mild detergent.

NEVER CLEAN ENAMEL SURFACES WHILST THE STOVE IS HOT.

The cast iron body panels of non-enamelled stoves can be cleaned with a proprietary stove cleaner or re-sprayed / touched up using a stove paint. These products are available from your Franco Belge Dealer.

Caution ! : The appearance of cracks when burning the enamelled units is quite usual and tends to disappear when the appliance is cooling down. It should not be considered as a defect but rather as a patina of the enamel which does not affect its quality nor its service ability.

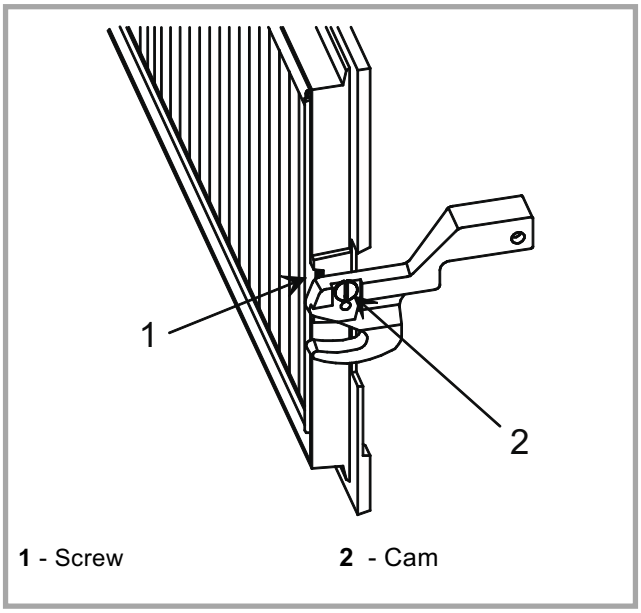


Figure 7 - Door closing pressure

2.7. Door closing pressure

Figure 7

The closing latch rotates around a pressure screw positioned cam.

- Loosen pressure screw **1**.
- Turn cam to desired position **2**.

Tighten pressure screw **1**.

2.8. Pre-utilisation check

Check the condition of the filler seals, that the door closes correctly.

- Check that the glass is not damaged.
- Check that the smoke passages are not obstructed by packaging or removable parts.
- Check that the seals of the smoke-line are in good condition.
- Check that the doors close correctly.
- Check that all removable parts are correctly installed (fuel retainer (fig. 9), oscillating grate (fig. 10), baffle (fig. 3) Etc.).
- Fit the ash tray, located in the ash pan, between the front legs (# 2, fig. 10).

2.9. Chimney maintenance and sweeping

Very important : To avoid accidents (chimney fire, etc.), regular maintenance should be carried out. If the stove is regularly used, the chimney should be swept several times per year, together with the stovepipe connection section.

Chimney condition should be checked at least once per year.

3. Instructions for user

The manufacturer will not be responsible for damages on parts of the appliance due to the use of prohibited fuel or due to an alteration of the appliance or its installation.

Don't run the stove in mild weather with coal : Under certain circumstances (e.g. fog and repeated thaw) the chimney will not draw sufficiently well and thus be at the origin of asphyxia.

Awaiting better weather circumstances, don't use any coal but only wood.

At the first lighting, the fire must be progressively increased to allow the various parts to expand normally and to dry up.

Note : When the fire is lit for the first time, the stove may give off fumes from the new paint. This is normal but ensure the room is well ventilated during the first few hours of operation.

Warning : properly installed and operated this appliance will not emit fumes into the dwelling. Occasional fumes from de-ashing and re-fuelling may occur. Persistent fume emission is dangerous and must not be tolerated. If fume emission does persist :

Open doors and windows to ventilate room.

Let the fire out and dispose of fuel from the appliance.

Check for flue or chimney blockage, and clean if required.

Do not attempt to relight the fire until the cause of the fume emission has been identified and corrected. If necessary seek expert advice.

Note : It is recommended to use a fireguard in the presence of children, and also in the presence of old and/or infirm people.

3.1. Fuel

Recommended fuel : **Wood**

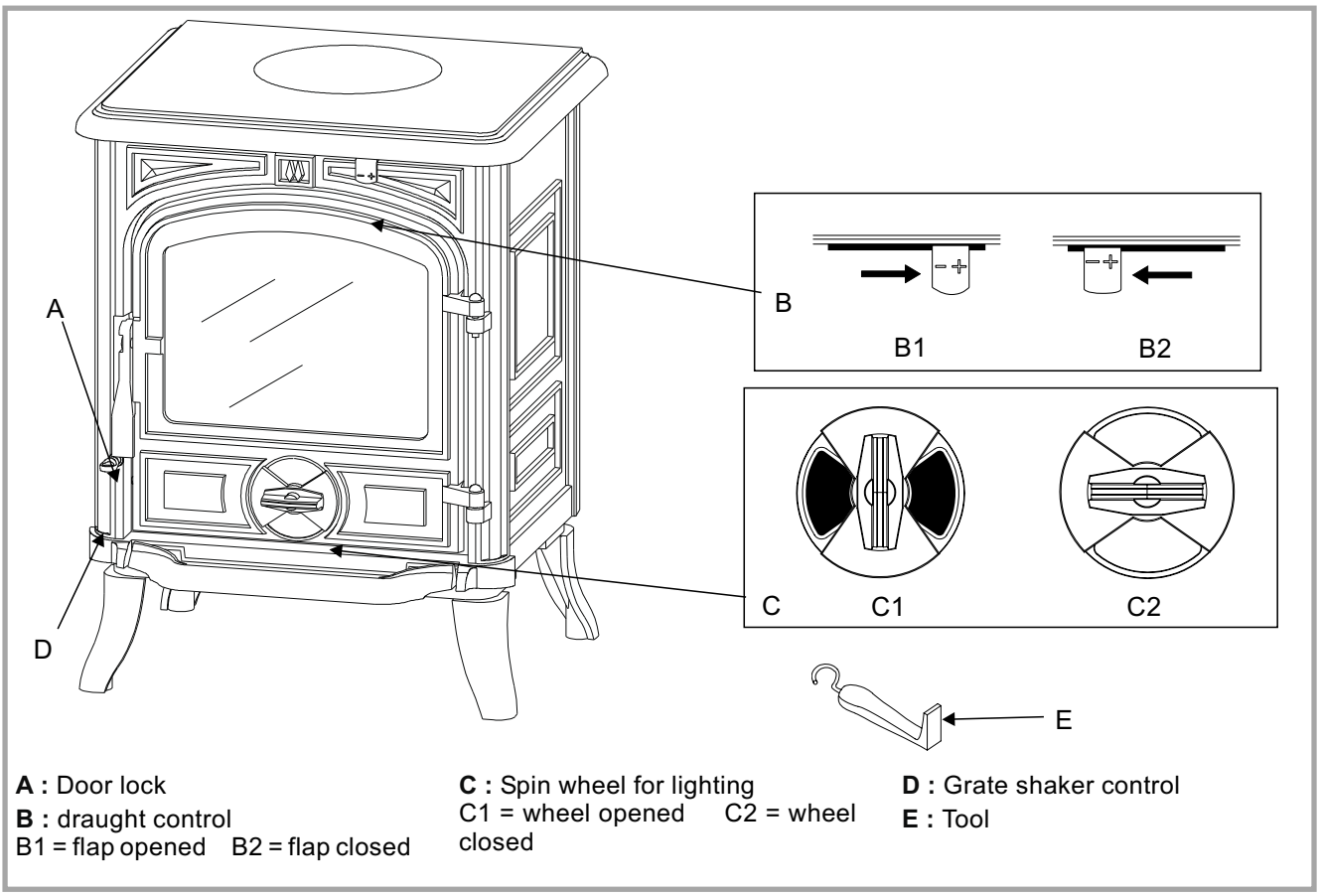
- Use hard wood logs, which have been cut for at least two years and stored, under shelter.
- Hardwood has a higher calorific value per cu metre (oak, ash, maple, birch, elm, beech, etc.).
- Large logs must be split and cut to a usable length, before being stored in a sheltered and ventilated place.

Recommended fuel : Coal

- Smokeless fuels, including coolite nuts, phurnacite, ancit and extracite.

Not recommended as fuel :

- "green wood". Green or damp wood reduces stove efficiency and soils the glass, the internal walls and the flue (soot, tar, etc.).
- "used timbers". Burning treated wood (railway sleepers, telegraph poles, offcuts of plywood or chip board, pallets, etc.) quickly clogs the flue ways (soot, tar, etc.), pollutes the environment (pollution and smell, etc.) and cause the fire to burn too quickly and overheat.



A : Door lock
B : draught control
B1 = flap opened B2 = flap closed

C : Spin wheel for lighting
C1 = wheel opened C2 = wheel closed

D : Grate shaker control
E : Tool

Figure 8 - Operating devices

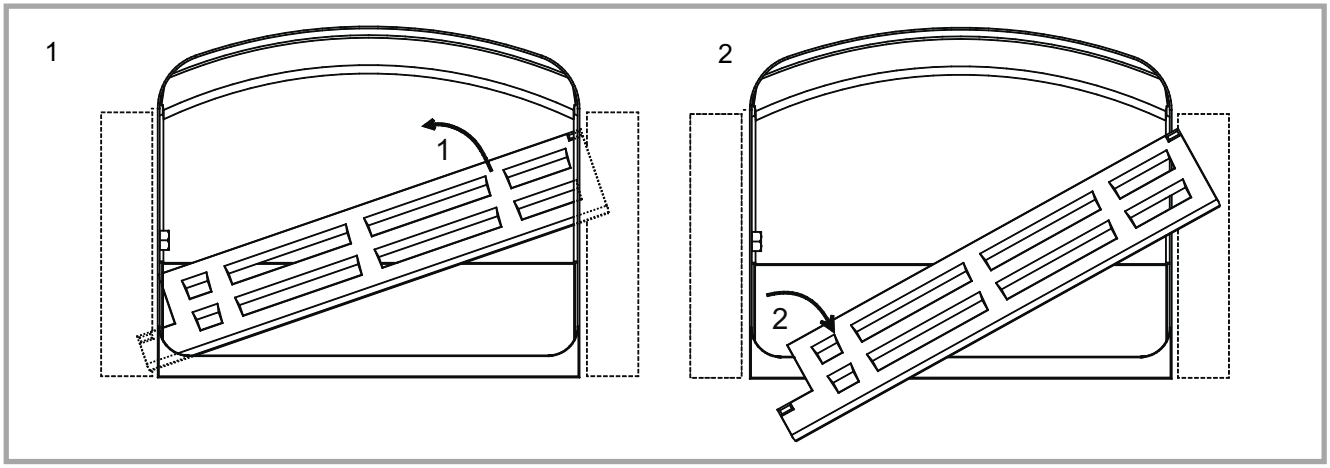


Figure 9 - Removing thefuel retainer

- "Green wood" and "recovered wood" can eventually cause a chimney fire.
- Prohibited fuel : Homefire and any form of bituminous coal or petroleum based coke.

3.2. Instructions for use with wood

3.2.1. Lighting

Figure 8

- Slide the top air control (# B1) to the right. Open the lower spin wheel (# C1).
- Lay firelighters or rolled up newspapers on the grate with a reasonable quantity, if necessary, of dry kindling wood. Place 2 or 3 small logs on top.
- Light the newspaper or firelighters using a long taper and close the door.
- When the fire is burning fiercely, add further logs of a diameter up to 10 cms.
- When the stove body is very hot, close the lower spin wheel.

The burning rate can now be lowered by moving the top air control to the left.

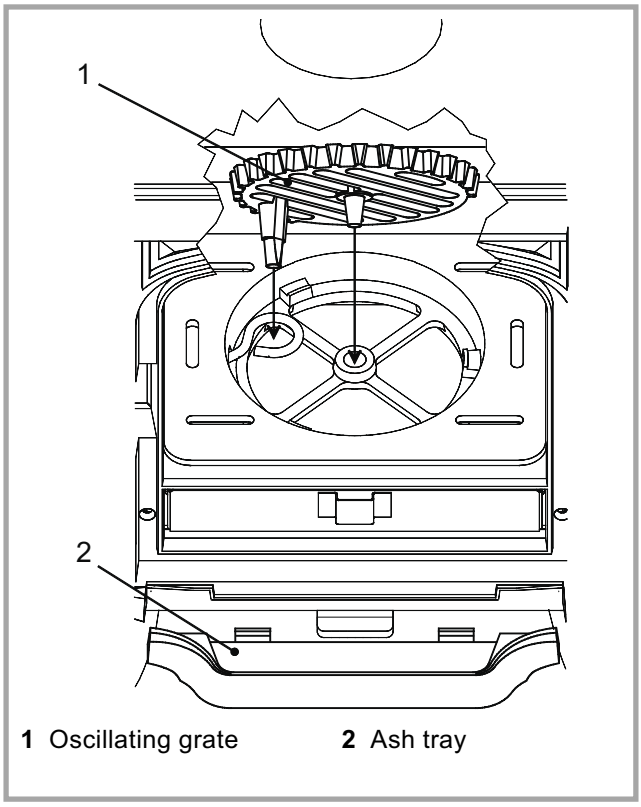


Figure 10 - Mounting the oscillating grate and the ash tray

3.2. Instructions for use with wood

3.2.1. Lighting

Figure 8

- Slide the top air control (# B1) to the right. Open the lower spin wheel (# C1).
- Lay firelighters or rolled up newspapers on the grate with a reasonable quantity, if necessary, of dry kindling wood. Place 2 or 3 small logs on top.
- Light the newspaper or firelighters using a long taper and close the door.
- When the fire is burning fiercely, add further logs of a diameter up to 10 cms.
- When the stove body is very hot, close the lower spin wheel.
- The burning rate can now be lowered by moving the top air control to the left.

3.2.2. Re-fuelling

Figure 8

- Slide the top air control (# B1) to the right. Open the lower spin wheel (# C1).
- Open the glass door and add logs.
- Leave the lower spin wheel open for a few minutes to allow the initial volatiles in the wood to burn.
- Close the lower spin wheel.

3.3. Instructions for use with solid fuel

3.3.1. lighting

Figure 8

- Slide the top air control (# B1) to the right. Open the lower spin wheel.
- Lay firelighters or rolled up newspapers on the grate with a reasonable quantity, if necessary, of dry kindling wood. Place a small quantity of solid fuel on top.
- Light the newspaper or firelighters using a long taper and close the door.
- When the fire is burning fiercely, add further fuel.
- When the stove body is hot, close the top air control by sliding to the left.
- The burning rate can now be adjusted by rotating the lower spin wheel.

3.3.2. Re-fuelling

- Open the lower spin wheel.
- Open the glass door and add fuel.
- Leave the lower spin wheel open for a few minutes to allow the initial volatiles in the fuel to burn.
- Adjust the lower spin wheel to the desired position.

3.4. Cleaning

It is essential to keep the grate free from a heavy build up of ashes. The Belfort is equipped with a grate riddling device which is used to "shake" ashes off the grate into the ash pan.
Whenever the stove is burning without life when the lower spin wheel is open, use the riddling lever to clear the grate of surplus ashes.
REMEMBER TO BURN SOLID FUEL CORRECTLY, AIR SHOULD BE ALLOWED TO FLOW FROM THE ASH PIT AREA THROUGH THE GRATE AND THROUGH THE FUEL. IF THE GRATE OR ASH PAN ARE CONGESTED, THE PERFOMANCE WILL BE EFFECTED.

If burning solid fuel, always empty the ash pan at least once a day or whenever it is full of ashes. Never allow the ashpan to overfill allowing ash to be in contact with the underside of the grate. If this condition is allowed, the grate will wear out pre-maturely.

3.5. Maintenance of the stove

- The appliance must be regularly cleaned.
- Remove all deposits from the combustion chamber and clean the grate area.
- Cleaning of the glass door can be done with a soft cloth dampened with water and vinegar or potassium ; this must be done when the appliance is cold ; then rinse with clear water. Do not use abrasive cleaners.
- The "vitroceramic" glass will resists to temperatures of up to 750 C. Should the glass break due to misuse, it must be replaced by the manufacturers own product.
- All the casing parts can be cleaned using a soft cloth either dry, or slightly damp. In case of condensation or water splashes clean the parts before they dry out.

Warning ! The appearance of cracks when burning the enamelled units is quite usual and tends to disappear when the appliance is cooling down. It should not be considered as a defect but rather as a patina of the enamel which does not affect its quality nor its service ability.

3.6. Recommendations

This room heater is a high heat producing appliance and may cause severe burns if touched on the glass front door, or on top directly over the burner - keep children away.

☞ **The stove may still be hot even when fire has burnt out.**

3.7. Firebricks

When replacing firebricks, the fire must be progressively increased to allow the firebricks to expand normally and to dry up.

3.8. Trouble Shooting

☑ : This sign means that you should ask for a qualified engineer to do the work.

Problem	**Probable causes**	☑	- Action
Fire difficult to start *Fire goes out*	**Wood green, too damp or poor quality.**		- Use the recommended fuel.
	Logs are too big.		- To light the fire, use small, very dry twigs. To maintain the fire, use split logs.
	Air starvation.		- Open lower air control (coal) or top air control (wood).
	Insufficient draught.	☑	- Check that the flue is not obstructed, sweep it if necessary - Seek advice from a chimney specialist.
Fire burns too quickly.	**Too much draught.**		- Ensure that the lower air control is closed (with wood burning) - Partially close the top air control lever.
	Excessive draught.	☑	- Install a draught stabiliser. Consult your Dealer.
	Poor quality wood.		- Do not continuously burn small wood, sticks, bundles, carpentry offcuts (plywood, pallets), etc.
Smokes when lighting up.	**Flue duct is cold.**		- Burn paper and kindling wood to increase heat.
	Room is in decompression.		- In houses equipped with mechanical ventilation, partly open a window until the fire is well established.
Smokes while burning.	**Draught is insufficient.**	☑	- Consult a chimney specialist. - Check that the flue is not obstructed, sweep if necessary.
	Down draught.	☑	- Install an anti-down draught cowl. Consult your Dealer.
	Room is in decompression.	☑	- In houses equipped with Mechanical Ventilation, an outside air intake must be installed for the chimney.
Low heat output.	**Incorrect Fuels.**		- Use the recommended fuel.

4. Spare parts

When ordering spare parts, specify **the stove type** and **serial number**, including the **colour index** (on the guarantee or identification plate), **the name** of the part and **the part number**.

Example :
- Belfort wood stove : "**Belfort**",
- model.: **134 04 11 Y**,
- top : **352136 EF**.

Y = 1340411**Y** ; **J** = 1340411**J** ; **I** = 1340411**I** ; **C** = 1340411**C** ; **D** = 1340411**D** ; **P** = 1340411 **P**

N°	Code	Description	Type	Y	J	I	C	D	P	Qty
1	100917	Cam pin	12x20 M7	Y	J	I	C	D	P	01
2	105123	Knob	191B	Y	J	I	C	D	P	01
3	105261	Firebrick	328X70X35	Y	J	I	C	D	P	01
4	105262	Firebrick	207X207X35	Y	J	I	C	D	P	02
5	110404	Hinge pin	6X30	Y	J	I	C	D	P	02
7	134258	Bushing		Y	J	I	C	D	P	01
8	181632	Adhesive rope		Y	J	I	C	D	P	0,90 m
9	163196	Descriptive plate		Y	J	I	C	D	P	01
10	166003	Spring	11x15	Y	J	I	C	D	P	01
11	181614	Ceramic rope	d. 9,5 mm	Y	J	I	C	D	P	1,92 m
13	181615	Ceramic rope	Ø 12	Y	J	I	C	D	P	1,35 m
14	188798	Glass	267X205	Y	J	I	C	D	P	01
15	189103	Screw	27x8x6	Y	J	I	C	D	P	01
16	205368	Back panel		Y	J	I	C	D	P	01
17	222542	Flue baffle		Y	J	I	C	D	P	01
18	259015	Fixing plate		Y	J	I	C	D	P	04
19	262321	Heat shield			J	I	C			01
20	300118 EF	Leg		Y				D		04
20	300118 79	Leg			J					04
20	300118 MP	Leg				I				04
20	300118 MK	Leg					C			04
20	300118 RH	Leg							P	04
21	300477	Base		Y	J	I	C	D	P	01
22	301526 EF	Door lock		Y						01
22	301526 79	Door lock			J					01
22	301526 MP	Door lock				I				01
22	301526 MK	Door lock					C			01
22	301526 66	Door lock						D		01
22	301526 RH	Door lock							P	01
23	301742 EF	Air damper		Y				D		01
23	301742 79	Air damper			J					01
23	301742 MP	Air damper				I				01
23	301742 MK	Air damper					C			01
23	301742 RH	Air damper							P	01
24	301901	Oscillating grate		Y	J	I	C	D	P	01
25	303718 EF	Blanking plate		Y				D		01
25	303718 79	Blanking plate			J					01
25	303718 MP	Blanking plate				I				01
25	303718 MK	Blanking plate					C			01
25	303718 RH	Blanking plate							P	01
26	303860 EF	Flue collar		Y				D		01
26	303860 79	Flue collar			J					01
26	303860 MP	Flue collar				I				01
26	303860 MK	Flue collar					C			01
26	303860 RH	Flue collar							P	01
27	306268	Back wall		Y	J	I	C	D	P	01

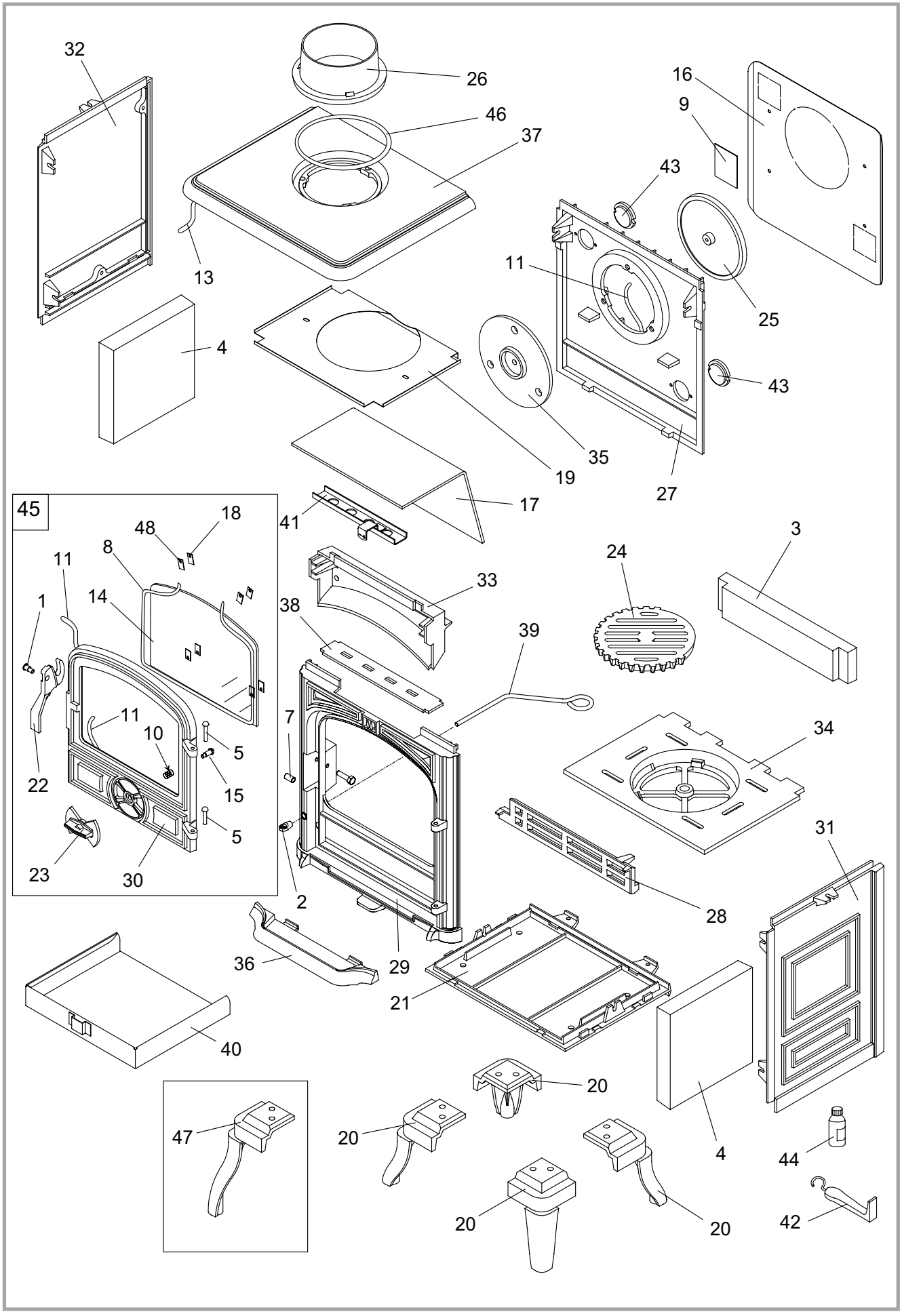


Figure 11 - Stove - exploded view

Y = 1340411**Y** ; **J** = 1340411**J** ; **I** = 1340411**I** ; **C** = 1340411**C** ; **D** = 1340411**D** ; **P** = 1340411 **P**

N°	Code	Description	Type	Y	J	I	C	D	P	Qty
28	307432	Fuel retainer		Y	J	I	C	D	P	01
29	309870 EF	Front plate		Y				D		01
29	309870 79	Front plate			J					01
29	309870 MP	Front plate				I				01
29	309870 MK	Front plate					C			01
29	309870 RH	Front plate							P	01
30	309989 EF	Main door		Y						01
30	309989 79	Main door			J					01
30	309989 MP	Main door				I				01
30	309989 MK	Main door					C			01
30	309989 66	Main door						D		01
30	309989 RH	Main door							P	01
31	310724 EF	R. side panel		Y				D		01
31	310724 79	R. side panel			J					01
31	310724 MP	R. side panel				I				01
31	310724 MK	R. side panel					C			01
31	310724 RH	R. side panel							P	01
32	310822 EF	L. side panel		Y				D		01
32	310822 79	L. side panel			J					01
32	310822 MP	L. side panel				I				01
32	310822 MK	L. side panel					C			01
32	310822 RH	L. side panel							P	01
33	315603	Air duct		Y	J	I	C	D	P	01
34	319731	Grate support		Y	J	I	C	D	P	01
35	327801	Clamp		Y	J	I	C	D	P	01
36	327902 EF	Ash-tray		Y				D		01
36	327902 79	Ash-tray			J					01
36	327902 MP	Ash-tray				I				01
36	327902 MK	Ash-tray					C			01
36	327902 RH	Ash-tray							P	01
37	352136 EF	Top plate		Y				D		01
37	352136 79	Top plate			J					01
37	352136 MP	Top plate				I				01
37	352136 MK	Top plate					C			01
37	352136 RH	Top plate							P	01
38	237423	Reducing plate		Y	J	I	C	D	P	01
39	458404	Rod		Y	J	I	C	D	P	01
40	624040	Ash-pan		Y	J	I	C	D	P	01
41	613302 60	Air control flap		Y	J	I	C	D	P	01
42	808001 ED	Hand tool		Y	J	I	C	D	P	01
43	325304	Reducing plate		Y	J	I	C	D	P	02
44	161027	Touch-up paint			J					01
44	161048	Touch-up paint				I				01
44	161032	Touch-up paint					C			01
44	161039	Touch-up paint							P	01
45	988839	Main door complete		Y						01
45	988841	Main door complete			J					01
45	988842	Main door complete				I				01
45	988843	Main door complete					C			01
45	988889	Main door complete						D		01
45	988897	Main door complete							P	01
46	181607	Ceramic rope	d. 9,5 mm	Y	J	I	C	D	P	0,50 m
47	300122	High leg (optional)		Y				D		04
48	142881	Gasket		Y	J	I	C	D	P	04

FRANCO BELGE

❧ Guarantee certificate ❧

❧ Legal guarantee

The specifications, dimensions and information shown on our documents are provided for information purposes only and under no circumstances are binding upon the vendor.

With the aim of constantly improving our equipment, all modifications considered as necessary by our departments may be made without notice.

The provisions of the present guarantee certificate are not excluding or limiting the owner of the equipment's rights, concerning the legal guarantee regarding faults or hidden vices which applies in all circumstances, in the conditions detailed in articles 1641and following of the civil code, and in the country in which the equipment was purchased.

❧ Contractual guarantee

Our equipment is guaranteed against faults and hidden vices subject to the following conditions:

1) Installation and adjustment of the device by a professional installer.
2) Observance of the instructions provided in our technical documents and our installation/adjustment instructions.
3) The installation, use and maintenance of the device carried out in conformity with the applicable standards and legislation, and with the indications provided in the technical instructions accompanying the device.

This guarantee covers the replacement, in our factory, of parts recognised as being defective from the outset by our "Guarantee Inspection" Department. Carriage and labour is at the user's cost. Moreover, if the repair or replacement of parts covered by the guarantee is found to be too costly vis-a-vis the price of the appliance, the decision to replace or repair the appliance will be taken by the vendor.

Our guarantee is for 2 (two) years for all appliances, with the exception of closed combustion fireplace and inserts for which our guarantee is 5 (five) years excluding the following:

1) Indicator lights, fuses, electrical elements and fans.
2) Parts subject to wear or in contact with high temperatures namely: soles and burner grills, bottom plates baffles, ash pans, paintwork and surface treatments for decorative parts. Also excluded from this guarantee are seals and windows.
3) Any damage which may result from the use of the appliance with a fuel other than that stipulated in our instructions.
4) Damage occurring to parts caused by elements outside the appliance (down draught, storm damage, damp, abnormal pressure or vacuum, heat shocks, etc.).
5) Damage to electrical parts caused by plugging in and using the appliance on a mains system, the voltage of which (measured at the entrance to the appliance) is 10% above or below the nominal voltage of 220 V.

❧ Exclusion of liability

In the case of a product manufactured at the client's request, under no circumstances may we, as a subcontractor, be considered liable vis-a-vis the client or third parties for defects arising from the installation or a design fault with the item in question.

✉ Name and address of the installer : _

_ _

☎ Telephone : _

✉ Name and address of the customer : _

_ _

Date of installation : __ __ / __ __ /__ __ __ __

Model of the appliance : ❑ **134 04 11**

Color : ❑ **Y** ❑ **J** ❑ **I** ❑ **C** ❑ **D** ❑ **P**

Serial number : ___ ___ ___ ___ ___ ___

• This certificate has to be completed and kept carefully.
In case of claims, send a copy of this to :

STAUB FONDERIE
BP 73, 59660 MERVILLE, FRANCE.