

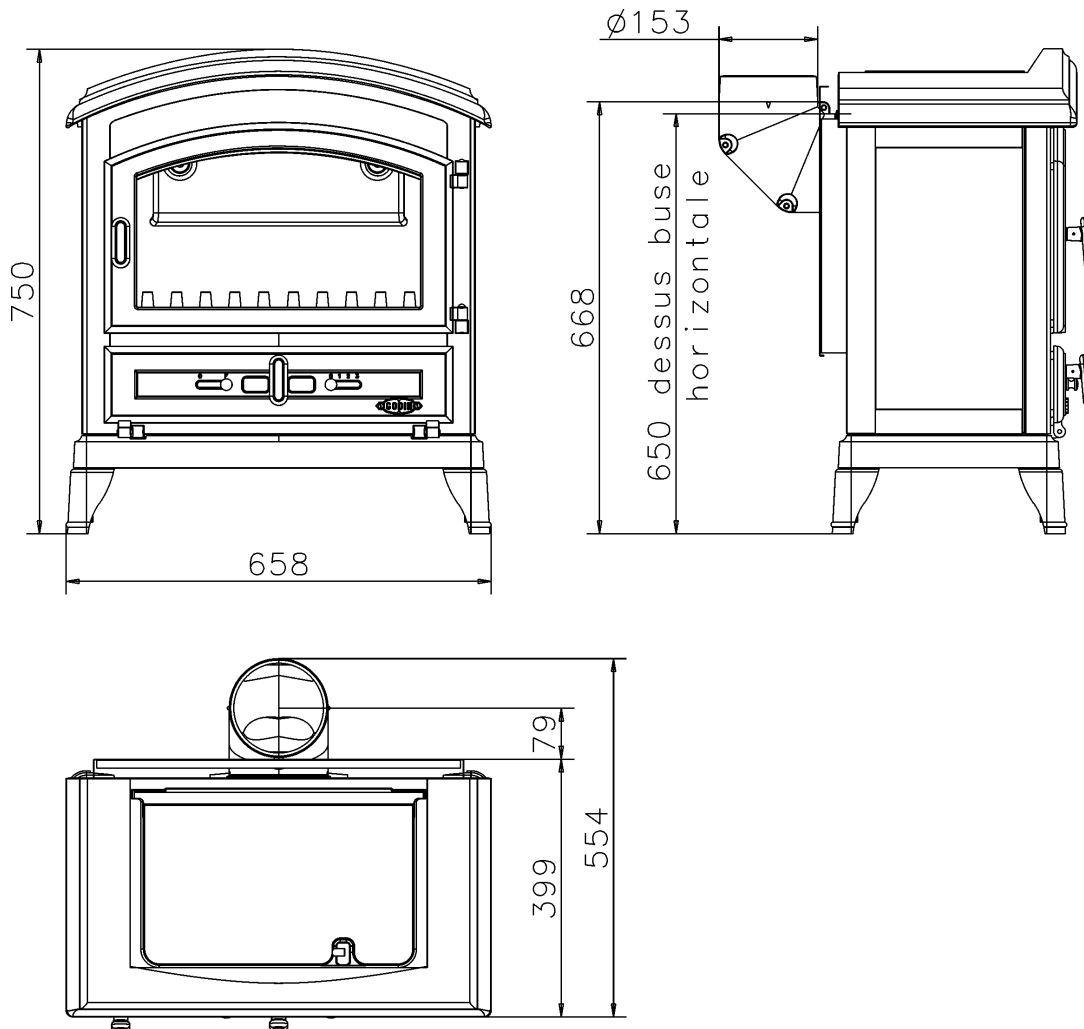
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every day a bit more...*

Circulaire N°4322 – 08

Documents for users and
fitters



WOOD BURNING STOVE LE CANADIEN PRODUCT CODE 310103



This appliance has been tested according to the criteria of the European standards NF EN 13240 : 2001 and A2 : 2005.

TECHNICAL SPECIFICATIONS

Flue collar diameter	153 mm
Smoke exit on the top or at the back	
Recommended fuel	Wooden logs
Front loading, log length up to	50 cm
Big glass with panoramic view (resistant to 750°C) – Cast-iron firebox	
Speed regulation	Manuel
Weight	120 Kg
Power	10.5 kW
Corrected heated volume	180 à 420 m ³
Functioning time at normal speed mode*	1 hour
Functioning time at slow speed mode*	3 hours
Smoke mass flow	7.2 g/s
Appliance efficiency	79 %
CO rate in smoke with 13% of O ₂	0.23 %
CO rate in smoke	14.13 %
Consumption at the normal speed	3.4 Kg/h
Average temperature of smoke	345 °C
Minimal distance to adjacent combustible material	40 cm / back 150 cm / front 40 cm / lateral sides
INTERMITTENT APPLIANCE	

* with a loading of 3,4 kg de charme (30 cm) at 16.9 % of humidity and a 15,7 MJ/kg calorific value.

INSTRUCTIONS FOR FITTER

- Always respect all the regulations in force in the country where the appliance is installed. In France, the evacuation system for combustion products should be carried out according to the DTU 24.1 from February 2006.
- First of all, check the quality of the flue lining. Its role is crucial. It will influence the final result, supplying the firebox with primary air and extracting combustion gases. Most of the problems you may encounter while using a chimney are linked to a defect of the flue lining. So, it is a very important element that must be carefully studied. You should not entirely rely on the functioning mode of your previous appliance, as its needs in fresh air supply may be different.
- A good chimney should be made of a material that is not a good heat conductor and that does not cool quickly.
- The minimal cross-section of the flue lining, while functioning with the door closed, should be 150 mm subject to the conformity with the EN 13384.1 standard. If it is possible, we advise using a flue lining whose cross-section is less than 180 mm.
- The minimal cross-section of the flue lining, while functioning with the door open, should be 180 mm subject to the conformity with the EN 13384.1 standard.
- Any decrease of the section, even at the outlet, should not be accepted because it may reduce the smoke rate, causing a back draft in the room when the door is open.
- The chimney opening should be in the same room as the appliance.
- Draft valves are forbidden.
- The flue lining should be perfectly airtight.
- The connection duct and the smoke duct or tubing should be G assigned; it means they should be resistant to the chimney fire. The appliances should be connected to ducts that are made for a temperature 50 °C more than the temperature of the appliance, independently from the connection mode.
- Its height should be at least 5 m and it should go out to the open air at least 0.40 m from the ridge of the roof or any other obstacle situated at less than 8 m from the flue lining.
- Possible by-passes should be covered.
- Draft should be between 12 and 15 Pascals in normal use and it should decrease to about 5 Pascals in the slow mode. It should never drop below 12 Pascals in normal use, as this would mean it is inefficient.

If the depression is excessive, a draft moderator should be installed. If the depression is not sufficient, you should refer to the flue lining specifications described in this paragraph.

- If the cross-section of the flue lining is too big, the volume to be reheated will be too much and the draft will not function normally. In this case, a tubing made of wood/coal compatible material should be installed.

Tubing should follow the regulations of the DTU 24.1.. Its dimensions should correspond to precise calculations (EN 13384.1 standard) that only a professional fitter can define.

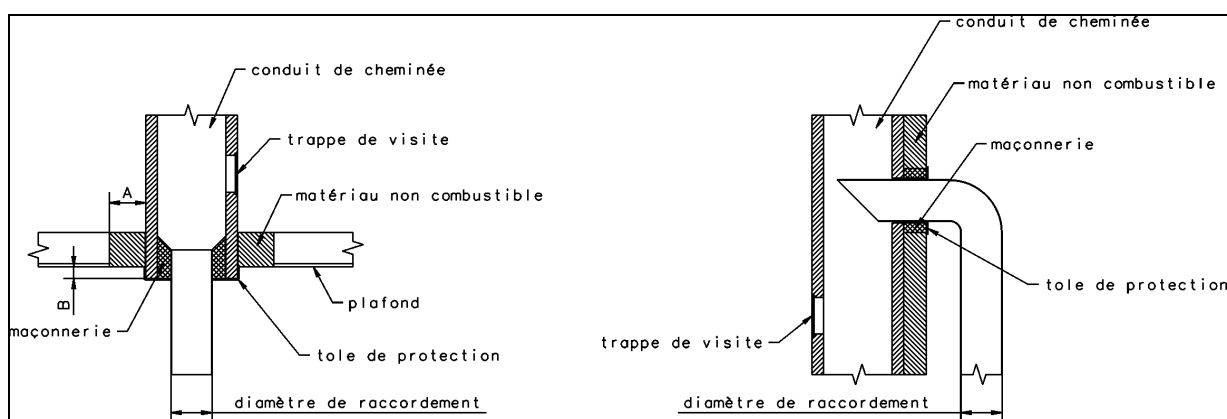
- Remove all the collecting tubes whose outlet sections are below 2.5 dm².
- We recommend placing an airtight cleanout door about 50 cm below the smoke tube axe.
- Before connecting, check that the flue lining is perfectly clean. Sweep it if necessary.
- Appliances should be installed in accordance with the current specifications of the technical documentation (D.T.U.). We recommend having the appliance installed by a professional fitter. All the national and local regulations should be observed.
- Extractors that are in operation in the same room or in the same space as the appliance may seriously disturb the functioning of the appliance.
- Simultaneous functioning of other appliances in the same space as the appliance can disturb the draft functioning.
- Air inlets in the room should never be clogged. They should be positioned in a way to prevent their clogging. The appliance uses air from the room of its location, that is why it is necessary to ensure a sufficient supply by outside air.
- These appliances cannot be connected to a multiple flue lining.
- The flue collar is mounted at the factory and fixed at the back of the appliance (if the back connection is possible). You may connect it directly to the flue by means of a horizontal tube. It can be also connected on the top, in this case it will be necessary to change the position of the flue collar and the stopper.

IMPORTANT:

- Check if the floor has a sufficient bearing capacity. If necessary, place a panel for the distribution of loading pressure or take any adequate and necessary steps.
- **If the floor is made of combustible material, it is recommended to protect it by means of an insulated panel made from non-combustible material and standing out at least 40 cm in front of the chimney.**
- Use tubes of recommended diameters and enamelled if possible, as their resistance to corrosion in the smoke is remarkably good. They should be as short as possible so that the heat contained in the smoke can be used to initiate draft.
- **The wall behind the chimney should not contain any combustible material.** If it does, you should protect it adequately (using material classified as Mo or A2-s1,d0). The security distance between the combustible material and the back of the appliance should be at least 40 cm.
- If the walls situated on the both sides of the appliance are made of combustible material, the distance between these walls and the appliance should be at least 40 cm.
- In case of a traditional stove, the ceiling should be located at least 80 cm from the top of the appliance.
- The appliance irradiates naturally, so it is recommended to keep any combustible material (wooden chairs, sofas,...) in front of the appliance at least at 150 cm distance.

CONNECTION TO THE FLUE LINING

The appliance should be connected in accordance with the DTU 24.1. The security distances between the outside of the connection duct and the flue lining and any combustible material (A) should observe the specifications of this standard. They depend mostly on the type of the duct, its temperature resistance and its temperature class. No connection should be made in the floor (B offset should be used).



French	English
Conduit de cheminée	Flue lining
Trappe de visite	Cleanout door
Matériau non combustible	Non-combustible material
Plafond	Ceiling
Tôle de protection	Protection sheet
Diamètre de raccordement	Connection diameter
Maçonnerie	Masonry

Example of a flue lining connection

INSTRUCTIONS FOR USERS

- Before using the appliance, read the instructions and recommendations carefully.
- The appliance should be installed in accordance with national regulations in force in the country where it is installed.
- We recommend having the appliance installed by a professional fitter.
- Air inlets should never be clogged.
- The appliance should be connected to a flue lining that is not used for any other appliance. It cannot function as a multiple flue lining.
- Never modify the appliance without prior authorisation.
- The appliance should not be used with the door open.
- All the surfaces of the appliance are active (hot), take all the precautions to avoid burning.
- Take all the necessary precautions to keep children and elderly people sufficiently far from the appliance to avoid accidents.

LIGHTING - ADJUSTING

- Open the door.
- Prepare with usual lighting material, light up the fire and load small amount of wood, leaving the air inlet fully opened.
- To facilitate lighting, it is possible to leave the door ajar for a few minutes; in this case it should be under a constant supervision.
- When the fire is on, load some more wood and adjust the combustion by means of an air regulator or a thermostat (situated usually at the back or on the right side of the appliance), if the appliance is equipped with it.

REMARK:

- During the stove functioning, keep away any material that can be altered by the heat: furniture, paper, clothes.

WARNING:

- When in use, the handle of the stove should not be touched with a bare hand. Use a protection glove to touch it. Moreover, the combustion chamber and the ash pit door should be closed to avoid smoke back draft, except during lighting, reloading or ash removal.
- When in use, the stove door should remain closed.
- Loading can be done by the front door or by the side door, if the appliance is equipped with it.
- For normal use, put 3 or 4 logs and adjust the position to 2 or 3.

For a slow mode functioning, wait until the fire is sufficiently established, then load 1 or 2 large logs and adjust the air regulator or the thermostat to the minimum, if the appliance is equipped with one.

NOTE: Duration of the slow mode burning will depend on wood that is used and on the draft. Loaded fuel height should not exceed **15 cm**.

APPLIANCE FUNCTIONING

- Always follow the instructions.
- During first usage, load a small quantity of wood to check good functioning of the appliance. Gradually increase the amount of wood over a few days.
- Do not use the appliance as an incinerator.
- Use only recommended fuel.
- Do not use the appliance if its glass is broken or cracked. Have it replaced before using it again. We recommend contacting the vendor of your appliance for payable replacement of your glass. We recommend replacing at the same time the door and glass seals and not clamping it too much during the re-assembling in order to enable its dilatation.
- After a long period without using the appliance, make sure that the flue lining and the connection duct and smoke duct are not clogged.

Loading: VERY IMPORTANT RECOMMENDATION

Before loading, the fire should be sufficiently low. Do not open the door if high flames can be seen, with the door open they can be backdrafted.

Always open the door very slowly to permit draft and avoid backdraft.

Warning: It is strictly forbidden to place any kind of object whatsoever (kettles, saucepans etc) on the unit whilst it is in use or still hot.

FUEL IMPORTANCE

This appliance should fully satisfy your needs. However, one should not forget that any appliance can only liberate energy that is contained in its fuel.

If you think that your appliance heating capacity is insufficient, we can suggest that:

- Either the quantity of fuel is not sufficient.
- Or the energy contained in fuel is not sufficient.

Use only wood that has been cut for at least 2 years (36 months would be better). We highly recommend using wood that has been labelled NF heating wood.

In the theory, all types of wood have the same heating capacity for the same weight. Hard wood is good for heating as it is dense and very often less damp.

Dampness contained in wood can vary from 15% in dry wood to 50% in damp wood. Bear in mind that a lot of energy is needed to remove this dampness.

Available energy for heating is 4.16 Wh per kilo of dry wood. It is only 1.73 Wh per kilo of damp wood (50% of humidity).

Using damp wood can additionally cause the flue lining condensation, which clogs it quickly and can later on provoke a chimney fire.

ASH REMOVAL

- Empty the ash pit every 2 or 3 days according to your usage. Ash removal should be carried out with precautions, using a protection glove to carry the ash pit and a special tool to open the ash pit.
- Never let ashes collect to such an extent that they come into contact with the grill. The grill will not be able to cool down and will deteriorate very quickly.

SWEEPING

- Have your chimney swept mechanically by a professional sweeper at least twice a year, including once during the heating season. The sweeper should give you a certificate. It is also possible to maintain the ducts with special products. However, it does not prevent you from having necessary mechanical sweeping.
- Check the appliance condition and make sure the door seals are in good condition, replace them if necessary.
- Clean completely the inside of the appliance including the smoke flues.
- Clean the glass with GODIN NET product for glass (product code 0009).
- In case of a chimney fire, close the air regulator and call firemen.

MAINTANANCE

Have the appliance checked by a competent person at least once a year.

WARNING

- **AT THE BEGINNING OF USING THE APPLIANCE, IT IS NECESSARY TO MAKE IT RUN IN A MODERATE WAY, TO ENABLE NORMAL DILATATION OF THE PARTS.**
- **HANDLES ARE HOT WHILE IN USE. USE THE GLOVE (if it is supplied).**
- **THE GLOVE SHOULD BE USED ONLY TO TURN THE HANDLE. IT IS NOT MADE FOR HANDLING BURNING OBJECTS. IT IS NOT WATERTIGHT. DO NOT USE IT FOR HANDLING CHEMICAL PRODUCTS.**
- **AFTER EACH USE, YOUR GLOVE SHOULD BE PLACED ON A COLD SURFACE WITHOUT ANY COMBUSTION RESIDUES (ashes).**

Do not worry if at the beginning of using the appliance, smoke and acrid smells are emitted, this is due to paints of different parts. This phenomenon can last a few days.

Maintenance of cast-iron and steel

Any steel or cast-iron stove needs some maintenance after each winter, during the warm season, in order to last a long time. As a matter of fact, when a stove is in use, there is no possibility for its parts to get oxidised. It is only possible during a long period without using it.

Cast-iron parts are to be maintained with a black paste (product code 0012). It should be applied cold, then waxed and, when it is dry, polished with a soft cloth.

Hot temperature spray paint (cast-iron grey, product code 0001) can also be used for neater finish on the outside parts of the stove. Before applying the paint, make sure that all the oxidation marks have been removed with thin grain emery cloth.

Cast-iron stoves with an enamelled outside finish need their inside firebox to be maintained.

This maintenance is necessary even more in case of appliances installed in houses that are infrequently inhabited.

All our maintenance products are described in our general catalogue (paste, paint, glass cleaning product, sweeping products, etc.). You may buy them at our retailers.

Specific warning concerning the stove door :

Our doors are hinged upon cone point screws or lock washers.

PLEASE NOTE: In the event that your fitter removes the stove door (to replace the glass, for example), it is important to fit new lock washers and/or the original cone point screws to the door in question.

SPARE PARTS

If after a number of years of using your appliance, some parts may need to be replaced, contact your SUPPLIER or any other PROFESSIONAL AGENT OF OUR TRADEMARK.

You should give him the information written on your INFORMATION PANEL that is situated AT THE BACK OF THE APPLIANCE or in your GUARANTEE BOND that should be kept even beyond its validity period.

Having all the nomenclature and technical documentation in relation with our products, he will be able to supply quickly any spare part and carry out necessary repairs.

Never use any spare part that is not supplied by GODIN SA.
Never modify the appliance without prior authorisation.

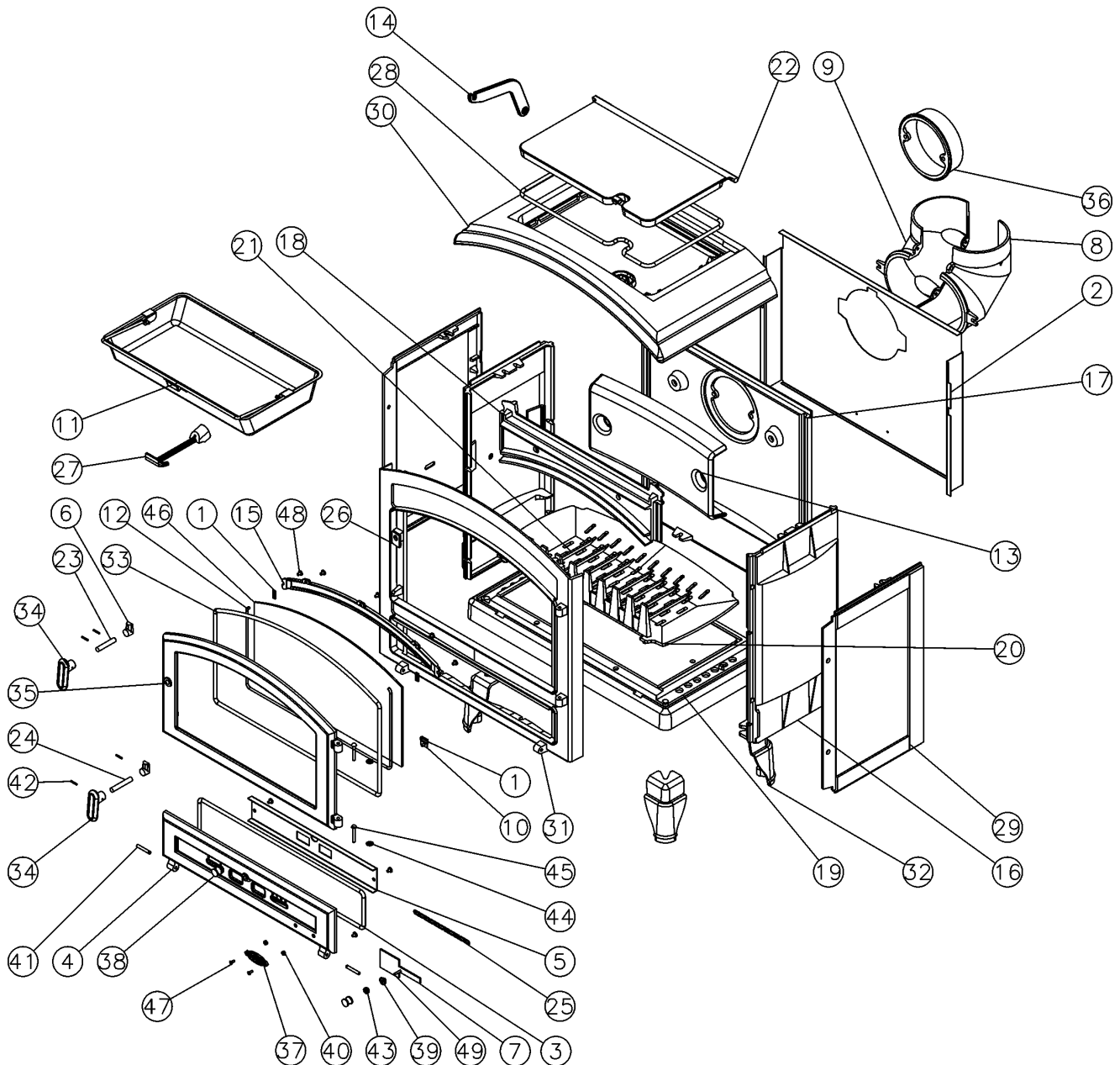
LIABILITY

We remind you that the maker's liability is limited to the product as it is sold, and that fitting out and installation service is under the entire responsibility of the fitter who will have to intervene, according to the rules of good practice and according to the prescription given in the instructions.

In order to constantly improve its products quality, GODIN reserves the right to modify its appliances without prior notice.

NOMENCLATURE AND EXPLODED VIEW

No	Number	Designation	Product code	No	Number	Designation	Product code
01	4	Glass sticky flat gasket	1 842 310101	26	1	Locking plate	1 2729 3701
02	1	Protective shield	1 2420 310103	27	1	Hook key ashpit	1 4101 3720
03	1	String braided ashpit door	1 8815 3101	28	1	Top string braided	1 8813 3877
04	1	Ashpit door	1 2801 3101	29	2	Exterior side	2 2304 3878
05	1	Ashpit protective screen	1 2805 3101	30	1	Top	2 1101 3878
06	2	Closing cam	1 2146 3119	31	1	Frontage	1 2101 3878
07	2	Setting air flap	1 4137 3142	32	4	Foot	1 2208 3878
08	1	Angled half flue collar piece, right	1 4017 3145	33	1	Loading door string braided	1 8814 3882
09	1	Angled half flue collar piece, left	1 4018 3145	34	2	Loading door handle	1 2839 3882
10	2	Fixing glass	1 2071 3152	35	1	Loading door	1 2831 3882
11	1	Tiroir cendres Ash drawer	1 3315 3275 96	36	1	Round pipe 153 exterior	1 4312 5743
12	1	String braided heat resisting glass	1 8826 3275	37	1	Logo	1 8501 6726
13	1	Smoke-box	1 4301 3275	38	2	Button	00001304007
14	1	Hook key jolt	1 4101 3275	39	2	Basin with screw	00001307833
15	1	Upper air duct	1 4112 3275	40	2	nut HM4	00001300263
16	2	Inferior side	2 0404 3275	41	2	Grooved pin 6x4	00001305127
17	1	Back	2 2401 3275	42	4	Mecanindus pin 3x18	00001300456
18	1	Frontage support	1 2175 3275	43	2	Spring 961 comp 5	00001301991
19	1	Base	1 2215 3275	44	2	Spring RS6	00001307254
20	1	Right fireplace carrier	4 0368 3275	45	2	Steel rivet TR 6x40	00001305507
21	1	Left fireplace carrier	4 0369 3275	46	1	Glass 465xh264xh218 ep4	00001307368
22	1	Jolt	1 14701 3275	47	2	TF90M4x10 brass split screw	00001304310
23	1	Loading door closing axis	1 2814 3701	48	10	TRL 5x8 screw	00001305475
24	1	Ashpit door axis	1 2266 3701	49	2	TRL 4x25 screw	00001301151
25	1	Little chain	1 9123 3701				



GODIN CONTRACTUAL GUARANTEE

All our appliances have a 2-year guarantee (except wood burning closed fireboxes) against any defect, starting on the date of purchase. This guarantee is subject to the correct installation, utilisation and maintenance conditions described in the manual supplied with the appliance.

Some parts that are in direct contact with high temperatures and that can undergo deformations caused by wear and tear are guaranteed 1 year for a standard replacement, like:

- decorative panels, side panels, grills, front hearth floors,
- guide plates, baffles, valves, fire-dogs, ash-pit,
- fire bricks,
- articulation mechanisms (door hinges, handles, etc.)
- fans, thermostats for overheating of appliances equipped with blast engine,
- temperature control elements, oven thermostats, fans for fan heated gas/electric cookers,
- burners, catalysers, burner rings for fuel appliances,
- boilers for central heating and cooking systems for wood/coal.

Our appliances have been specially designed so that replacing these parts is easy.

Some parts have a longer guarantee:

3 years for cast-iron or steel heating body of our boilers for central heating.

A wood burning closed firebox has a 5-year guarantee (only the heating body). Parts in direct contact with high temperatures and undergoing wear and tear are guaranteed 1 year.

Guarantee number:

Presence of handle holder



Presence of warning label

GODIN S.A. - - 532, RUE SADI CARNOT - 02120 GUISE - FRANCE

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