

# NOTICE

## General instructions for the Installation and use of wood-burning stoves

### CONFORMING TO THE EUROPEAN STANDARD EN13240

All our appliances conform to the standards in force and meet the safety requirements.  
The installation of our appliances must be done by competent personnel,  
respecting the DTU 24.2.2

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**ALL THE LOCAL AND NATIONAL REGULATIONS, IN PARTICULAR THOSE  
THAT REFER TO NATIONAL AND EUROPEAN STANDARDS MUST BE RESPECTED  
WHEN INSTALLING THE STOVE**

Please read carefully these **general instructions**, together with the complementary  
**special instructions** also delivered with the stove

# RULES OF INSTALLATION

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## **DRAUGHT**

The depression in the smoke conduit must be between 6 and 12 Pascals. This measure can be checked during heating using a manometer. A draught moderator is required in almost all cases to keep the draught to the recommended values.

Connecting the stove to a smoke conduit used for other units is forbidden.

## **VENTILATION OF THE PREMISES IN WHICH THE STOVE IS INSTALLED**

The operation of the stove requires an intake of air additional to that required for the regulatory renewal of air. This air intake is obligatory when the dwelling is equipped with mechanical ventilation.

The plug for the air intake must be situated either directly outside or in a location with external ventilation and be protected by a grill.

The exit for the air intake must be situated as close as possible to the stove. It must be able to be blocked when it gives directly on to the room. When the stove is being used, be careful to see that it is free of any obstruction. The cross-section of the air intake must be at least equal to one quarter of the cross-section of the smoke conduit with a minimum of 50 cm<sup>2</sup>.

It may be necessary to stop the extractor of the mechanical ventilation system to avoid the down draught of smoke into the room when the door is opened.

If other heating units may be used simultaneously, additional cross-sections of fresh air input must be provided for these units.

## **SITING OF THE STOVE**

The stove must be situated on a floor with an adequate bearing capacity. If an existing construction does not meet this prior condition, suitable measures (for example: the installation of a plate to spread the load) must be taken to enable the floor to bear the stove. The siting of the stove must allow easy access for cleaning the stove, the connecting conduit and the smoke conduit.

# INSTRUCTIONS FOR USE

Use only the fuels recommended: hardwood (Beech, Hornbeam or Oak) that is dry (less than 20% humidity or a minimum of 2 years covered storage after cutting) and of a size that suits the characteristics of the stove. Avoid the use of coniferous wood (pine, fir, spruce, etc.) which require more frequent maintenance of the stove and conduit.

The ash drawer must always be left in the stove except for cleaning  
Clean out the ash daily. Empty the contents of the ash drawer into a metal or non-flammable recipient exclusively kept for this purpose. Ash, when apparently cold, may be very hot even after cooling for some time.

When the stove is operating, the handling facilities and door handle may be very hot. To avoid burns, use the "oven glove" supplied with the stove to manipulate them.

Continuous low level operation, especially during mild weather (unsatisfactory draught) and when the wood is damp results in incomplete combustion leading to deposits of bistre and tar:

- Alternate periods of low operation with periods of normal operation
- Use small loads in preference.

## MAINTENANCE ADVICE

Have your chimney swept by specialists at least twice a year, including once during the heating season. At the same time have the complete stove and connecting conduit cleaned and checked by a competent technician who:

- Will clean the stove thoroughly, check the junctions of the various parts, dismantle and check the deflector and its position, inclined and supported on top on the hood and maintained on the base below.
- Will change any worn components if necessary (in particular the door seal).

Following a long period of non-use, check that the conduit is not obstructed before lighting.

**DO NOT USE A SPRAY TO CLEAN THE GLASS. ITS USE ON THE PAINTED CAST IRON PARTS OF THE STOVE COULD PERMANENTLY DAMAGE ITS COATING !**

## SAFETY RULES

Objects in inflammable materials or which are damaged by heat must be kept at least 1.5 metres from all stove surfaces, in particular clothing or objects that may be put to dry in front of the stove.

If there is a chimney fire, close the reloading door and then the primary and secondary air intakes and then contact the local fire brigade immediately.

During operation, all the stove's surfaces are hot: Be careful of burns!! Avoid installing the stove in an area of frequent passage.

Never try to modify the stove.

Never put into the stove loads of wood that exceed those indicated in the "Instructions for use" (i.e. less than half the height of the combustion chamber).

The use of fuels that are not recommended and unsuitable for the stove are forbidden, including liquid fuels.

The combustion chamber must always remain closed, except during reloading and removing ash.

Never overheat the stove.

Using the stove as an incinerator is forbidden.

Manufacturer's spare parts must be used.

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# CAUSES OF POOR FUNCTIONING

PROBLEM	PROBABLE CAUSES	ACTION
<b>The fire takes badly The fire does not hold</b>	Green wood or wood too wet	Use hard wood, cut at least 2 years ago and having been stored in a ventilated shelter.
	The logs are too large	To light, use ruffled paper and very dry small pieces of wood. To keep the fire in, use split logs.
	Poor quality wood	Use hard wood, releasing much heat and producing good embers (charm, oak, ash, maple, birch, elm, beech, etc...).
	Insufficient primary air	Open wide the primary air shutter. (ash pan) Open the exterior fresh air intake grille.
<b>The fire races</b>	Insufficient draught	<ul style="list-style-type: none"> <li>■ Check that the pipe work is not obstructed, do a mechanical brushing if necessary</li> <li>■ Check that the flue conforms</li> </ul>
	Excess of primary air	Partially or completely close the primary air shutter. (ash pan)
	Excessive draught	Verify that the draught valve is not staying open. <ul style="list-style-type: none"> <li>■ Install a draught regulator.</li> </ul>
<b>Emanation of lit fumes</b>	Poor quality wood	Do not continually burn small wood, faggots, off cuts from joinery (plywood, pallets,...). To proscribe the pallets.
	The flue is cold	Heat the pipe work by burning a paper torch in the stove.
<b>Emanation of fumes during combustion</b>	The stove is under low pressure	In houses equipped with a VMC, half open an exterior window until the fire is well lit.
	The draught is insufficient	<ul style="list-style-type: none"> <li>■ Verify the conformity of the flue and its insulation.</li> <li>■ Verify that the pipe work is not obstructed, do a mechanical brushing if necessary.</li> </ul>
	The wind swirls in the pipe work	<ul style="list-style-type: none"> <li>■ Install an anti compressor on the crown.</li> </ul>
<b>Insufficient heat</b>	The appliance is under low pressure	In houses equipped with a VMC, it is necessary to install a complementary exterior air intake for the chimney.
	Poor quality wood	Only use the fuel recommended.
<b>The glass gets dirty in a short time</b>	Poor mixing of convection hot air	<ul style="list-style-type: none"> <li>■ Verify the convection circuit (entry grilles, diffusion grille, air pipe work)</li> <li>■ Verify that the neighboring rooms are equipped with an aeration grille to assist the circulation of hot air.</li> </ul>
	Draught insufficient	<ul style="list-style-type: none"> <li>■ Check the conformity of the flue of the chimney with the exigencies required and its insulation</li> </ul>
	Absence of air intake of outside	Install an air intake grate ( intake air with regulation cut from 4dm <sup>2</sup> (20x20cm for ex) near the chimney
<b>Fast wear of the cast iron elements Grate deformed</b>	Use of wet wood or not adapted	Use hardwood dry, preserved during 2 years at the shelter.
	No sufficient air intake by the grate	Check the state of the fireproof connections Widen the interstices between the glass and the edging of the door while adding to the places of fixing with largest connections.
<b>The joint's door comes unstuck</b>	Insufficient ventilation Misses ventilation of the grate by the ash pan	Check the air circulation recovering the heat of the fire place, increase the openings and the grates of ventilation. Check if the system of ventilation isn't blocked by closed grates, use non adjustable grates. Empty every day the ash pan.
<b>Condensation into the hearth</b>	Excessive use of aggressive liquid during the washing of the glass	Use the liquid so that it doesn't flow under the glass or wash with a foamy product.
	Damp wood combustion with small fire and closed glass	Use hardwood dry, preserved during 2 years at the shelter. Take care, wood newly cut have approximately 5 L water for 10 kg.

■ This sign recommends that you should use the services of a qualified professional to effect these operations.

# CONTRACTUAL WARRANTY

## Commercial warranty applicable to consumers.

For information, in addition to legal warranties, the INVICTA GROUP provides a contractual warranty for consumers only, and therefore excluding professional customers, covering fireplaces, inserts, wood-burner stoves, pellet stoves, wood-burner and oil-fired ranges with back boilers, gas heating and cooking appliances, in line with the conditions below, subject to settlement of the invoice issued by the INVICTA GROUP. In the event of difficulty applying this warranty, prior to any legal action, consumers have the possibility of seeking an amicable solution by contacting the INVICTA GROUP After-Sales Department. Pursuant to Article L 211-16 of the French Consumer Code, when, during the course of the commercial warranty granted on purchase or repair of an item, reconditioning covered by the warranty is requested from the vendor by the buyer, any period in which the item is out of service for more than seven days will be added to the remaining warranty period still to run. This period runs from the time when the buyer requests a repair service or when the item in question is made available for repair, if availability is subsequent to the request for repair.

## Territoriality

The commercial warranty for the consumer applies in all countries where the Products are sold by the INVICTA GROUP.

## Content and period

Heating appliances (fireplaces, inserts, wood-burning stoves, pellet stoves, oil stoves and ranges with back boilers, wood-burner ranges with back boilers, gas heating appliances):

Heating units (non-removable parts) are covered by the consumer warranty from the date of delivery by the haulier or to the sales outlet, for the following periods:

- 5 years for fireplaces, inserts, wood-burner and ranges with back boilers, sold under the INVICTA, LAUDEL or DEVILLE brand names,
- 2 years for pellet stoves sold under the INVICTA, LAUDEL or DEVILLE brand names,
- 2 years for oil-fired stoves and ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
- 2 years for wood-burner ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
- 2 years for gas heating appliances sold under the INVICTA, LAUDEL or DEVILLE brand names.

Electrical parts (extractors, ventilators, electronic cards) of pellet stoves sold under the INVICTA or DEVILLE brand names, together with electrical parts (electronic cards) of gas heating appliances sold under the INVICTA, LAUDEL or DEVILLE brand names come with a 2-year warranty.

Other components, such as:

- latches, screws and bolts, ventilators, printed circuits, switches, connector terminals, electric wires, electric sheaths for fireplaces, inserts, and wood-burners sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - latches, screws and bolts, decorative back-plates and deflectors of pellet stoves sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - latches, screws and bolts, distributors, buttons and burners of oil-fired stoves and ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - handles, screws and bolts, bricks and thermometers of wood-burner ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - handles, screws and bolts and burners of gas heating appliances sold under the INVICTA, LAUDEL or DEVILLE brand names,
- are covered by the consumer warranty for one year from the date of delivery by the haulier or to the sales outlet. During this period, the warranty applies to any material or manufacturing fault, provided appliances have been used correctly in line with the user manual supplied with the appliance and all applicable regulations. Proof of purchase of the Product (invoice, detailed checkout receipt) and photos of the product will be requested to process any complaints. The warranty is only valid if the appliance was installed at the address on the warranty certificate supplied with the appliance and if the buyer registered the warranty on the [www.invicta.fr](http://www.invicta.fr) Internet site or via the freephone telephone number **0.809.10.00.13**, it being specified that, in any event, the consumer must produce proof of purchase of the Product to activate the warranty.

The warranty is limited to free replacement of parts acknowledged to be faulty after verification by the INVICTA GROUP. If it proves too costly to replace the parts, the INVICTA GROUP may decide to replace the product. In any event, no damages of any kind or in any form may be requested of the INVICTA GROUP.

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# CONTRACTUAL WARRANTY

The INVICTA GROUP is released from any obligation relating to the warranty in the event of non-compliant installation of the Product in terms of legal, regulatory and/or administrative recommendations or professional practice or in the event of modification of the Product.

**The commercial warranty is non-applicable in the event of professional use.**

## **Other warranty exclusions:**

Removable external parts,

- Normal wear and tear of the Product, such as a change in aspect (colour, brilliance) or corrosion, as well as mobile or fixed internal parts of the Product made of steel or cast iron, the consequences of poor or no servicing of the Product, an accident, negligence or a mistake when handling the Product and, generally speaking, failure to comply with the recommendations for use and servicing and, in particular, servicing by qualified personnel,
- Since the 750°C resistant glass and temperatures in the combustion unit never reach this temperature, the glass cannot break due to overheating. Consequently, a broken glass due to incorrect handling during use or servicing of the appliance is not covered by the warranty,
- The seals of any heating appliance, pellet stove crucibles and igniters for pellet stoves and gas heating appliances that are considered to be wear and tear parts,
- The combustible elements used and the appliance duct which are beyond the control of the manufacturer, the parts of the fireplace in contact, direct or otherwise, with ignited combustible elements, such as:
  - decorative back-plates, fireplace baskets, deflectors, fire dogs in inserts, wood-burner and ranges with back boilers, sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - decorative back-plates and deflectors of pellet stoves sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - Diffuser tubes, wicks, igniters and cast iron rings of oil-fired stoves and ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - Refractory bricks, fireplace baskets and deflectors of wood-burner ranges with back boilers sold under the INVICTA, LAUDEL or DEVILLE brand names,
  - decorative back-plates and deflectors of gas heating appliances sold under the INVICTA, LAUDEL or DEVILLE brand names,

Also excluded from the warranty is any malfunction caused by mechanical or electric parts not supplied by the Product manufacturer and/or which are prohibited by laws governing heating appliances.

Damage caused by the use of a combustible substance other than the one intended for use with the Product concerned.

Costs relating to travel, transport, labour, packing, dismantling and the consequences of the appliance standing idle, resulting from warranty operations, are to be paid by the customer.

The warranty does not cover any total or partial, direct or indirect damage resulting from abnormal, negligent or improper use of the Product non-compliant with the recommendations for use and/or servicing or due to a cause beyond the intrinsic properties of the Product.

## **Transfer of the warranty**

The warranty is linked to the Product sold by the INVICTA GROUP and is automatically taken over by any new owner for the period still to run.

## **Price for the warranty**

The commercial warranty as defined above does not involve any payment by the consumer.