

# **USER MANUAL**

## **CALISTA 917**



CALISTA 917 -V04\_202112\_EN

**JC BORDELET**  
c r é a t e u r d ' h a r m o n i e

## Precautions/Warnings

It is necessary to comply with all national regulations, especially those referring to national and European standards, when installing the appliance.

Expansion and retraction phenomena can occur during heating and cooling episodes; these are not to be regarded as defects.

It is recommended to burn only dry and hard wood (hornbeam, ash, beech) of 25 cm chopped into  $\frac{1}{4}$ . Maximum refuelling height: 180 mm or 4 kg (approximately 4 logs of 25 cm length)

The ignition of the appliance must be carried out using the reverse ignition method described in this manual. This enables a gradual rise in temperature of the appliance and the ducts and an easier start of the chimney effect. In addition to this, this principle is more ecological than a traditional start-up because it reduces pollution due to combustion gases (in traditional ignition, these gases escape from the large logs in a hearth that is still cold which does not enable to burn them).

The refuelling interval with nominal heat output is approximately 45 min. Appliance that operates intermittently.

It is forbidden to use your appliance as an incinerator.

The use of liquid fuels as well as fuels not recommended and not adapted to the appliance is not permitted.

The combustion and ash pit compartment must be kept closed to prevent backdraft of smoke except during ignition, loading or removal of residues.

Some parts of the appliance, especially the external surfaces, are hot during operation and stay hot after the fire has been extinguished. You should pay attention to these parts and handle the appliance with gloves provided for this purpose.

It is strictly necessary to respect the safety distances, not to place or store anything in the direct radiation area of the appliance. Significant fire hazard.

Making unauthorized modifications to the appliance will be dangerous and will immediately exclude the appliance from the guarantee.

This appliance must not be installed on a smoke duct or an air supply serving another appliance.

It is important that any air inlet grille be clear and unobstructed. A fault in the supply of combustion air would cause degraded operation of the appliance.

## First heating

The first fire must be mild, moderate and with not much wood. The subsequent fires will be of increasing intensity.

The finish paint of the appliance is a specific paint that is highly resistant to temperature that hardens during the first heating. It is very important not to touch the appliance during these first temperature increases so as not to damage the paint. The first fire must be mild, moderate and with not much wood.

During the first heating, smoke and a smell of paint from the appliance may be released, this is completely normal. Ventilate the room to make them disappear.

## Maintenance

It is strongly discouraged to touch, scrub or clean the appliance and extensions when they are hot.

We recommend cleaning with a soft, damp sponge or a soft cloth. Do not use metal gloss or abrasives.

In case of deep scratches, it will be necessary to sand with fine grain sandpaper and touch up with a high temperature paint spray supplied by JC BORDELET.

The glass of the hearth requires regular cleaning with specific products designed for this purpose. The specific product should be applied with a soft cloth and not directly on the glass. The use of wet wood with a degree greater than 20 % causes excessive tarring of the window. Once again, we recommend burning only very dry wood.

The ash pit must be emptied regularly to avoid overflow and clogging of the de-ashing grate. A fine ash bed of 2 to 3 cm on the floor of the chimney is perfectly compatible with its operation.

Do not empty the ash until the embers are completely cold (wait for 24 hours after the fire goes out, if necessary).

In order to ensure the correct operation of the installation, regular cleaning of the appliance, the connection duct and the smoke duct is necessary. This operation must be performed by a qualified professional twice a year, including once during the period of use on the flue and at least once a year on the appliance.

Only spare parts supplied by JC BORDELET must be used.

Regular maintenance of your appliance is necessary by a competent technician. We recommend you have this maintenance done during chimney-sweeping of your ducts.

## Chimney fire

In the event of a chimney fire, evacuate the occupants from the house.

Call your local fire department.

Turn off the electrical installation of the house from your electrical cabinet. Reduce the air supply in the room by closing the windows and obstructing the air inlet from the outside if you have one. Then remove the logs and ash from the chimney using a shovel, bucket, wheelbarrow or other metal container.

Leave the house.

Do not do anything that endangers you or your loved ones.

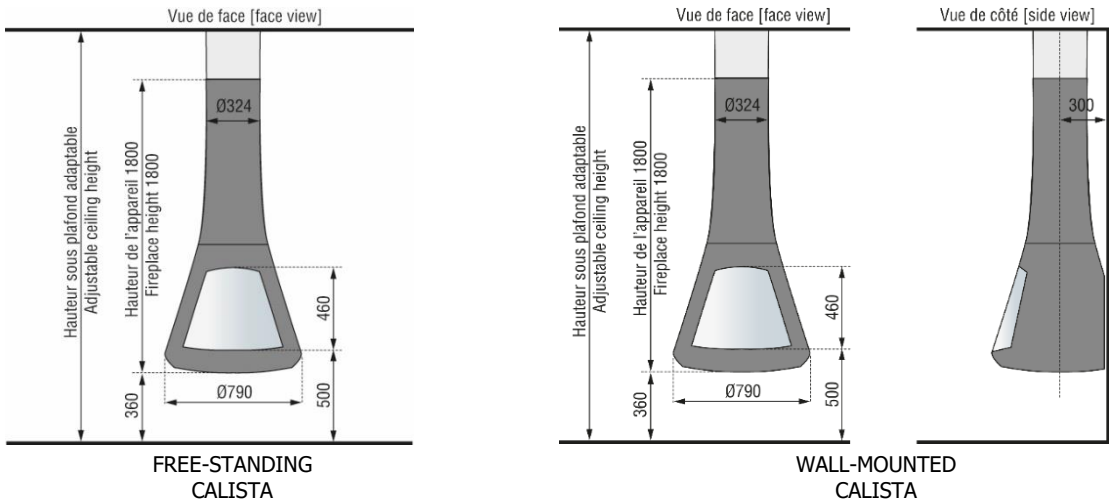
## Guarantee

Your JC BORDELET appliance is covered by a 5-year warranty for the heating unit and 1-year warranty for grilles and deflectors. Wear parts such as door gaskets and window gaskets are not included in this guarantee.

In order for the guarantee to apply, it is necessary to strictly observe the assembly and operating instructions. We recommend that you store them carefully.

Any changes made by the user or installer to the appliance will void the guarantee.

Guarantee benefits will only be granted after registering your appliance on the website: <https://garantie.seguin.fr/>



Type	<b>MT180917FF</b>
Indirect heating	<b>NO</b>
Rated thermal power	<b>9,3 kW</b>
Useful thermal power emitted in the room	<b>9,3 kW</b>
Rendement énergétique (hnom)	<b>75 %</b>
CO (13% O2) (CO <sub>nom</sub> )	<b>0,09 %</b>
CO (13% O2) (CO <sub>nom</sub> )	<b>1063 mg/Nm3</b>
PM (13% O2) (PM <sub>nom</sub> )	<b>35 mg/Nm3</b>
COG (13% O2) (COV <sub>nom</sub> )	<b>116 mg/Nm3</b>
NOx (13% O2) (NOx <sub>nom</sub> )	<b>112 mg/Nm3</b>
CO2	<b>9,2%</b>
Smoke temperature	<b>326°C</b>
Smoke temperature at the nozzle outlet (T <sub>nom</sub> )	<b>391°C</b>
Minimum draft - Nominal draft (p <sub>nom</sub> )	<b>12 Pa</b>
Maximum draft	<b>20 Pa</b>
Fuel	<b>Logs of dry wood 25cm</b>
Recommended wood load	<b>2 logs of 1kg 25 cm lenght split in ¼</b>
Type of combustion	<b>Intermittent combustion</b>
Refuelling intervals	<b>45min</b>
Mass flow rate of smoke	<b>9 g/s</b>
Smoke discharge diameter	<b>Ø150 mm</b>
Air inlet diameter	<b>Ø80 mm</b>
Mini combustion air inlet section (useful)	<b>100 cm²</b>
Airtight according to EN 16510-1	<b>OUI</b>
If tight, leakage under 10Pa according to EN 16510-1	<b>3m3/h</b>
Mass of appliance only	<b>180 kg</b>
Mass per meter of additional extension	<b>40 kg</b>
Seasonal space heating energy efficiency	<b>65 %</b>
Energy efficiency index	<b>98</b>
Energy efficiency class	<b>A</b>
Minimum distance between the glass pane of the appliance and all combustible materials	<b>1000mm</b>
Minimum distance between the side of the appliance and any combustible materials (dS)	<b>250mm</b>
Minimum distance between the rear of the appliance and any combustible materials (dR)	<b>250mm</b>
Minimum distance between the bottom of the appliance and any combustible materials (dF)	<b>340mm</b>

**In case of a wall-mounted appliance, the backing wall must be made of non-combustible material**

\* The backing wall must be made of non-combustible material and the whole surface of the construction right-of-way must be insulated.

The insulation must be in the M0, A2s1d0 or A1 reaction-to-fire class and must have a thermal resistance higher than 0.7m².K/W (measured at 50°C).

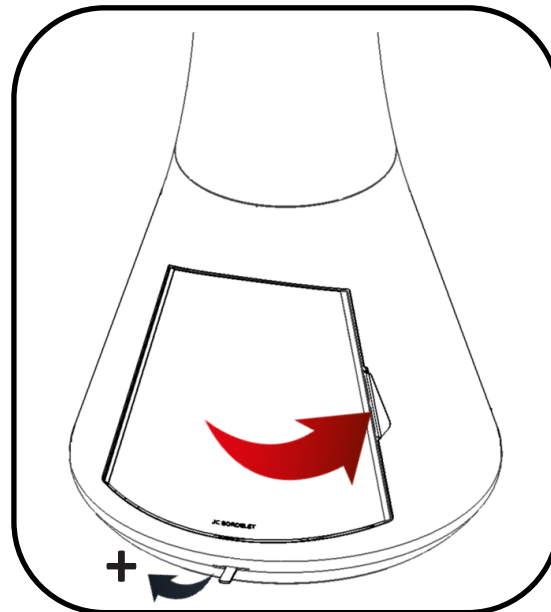
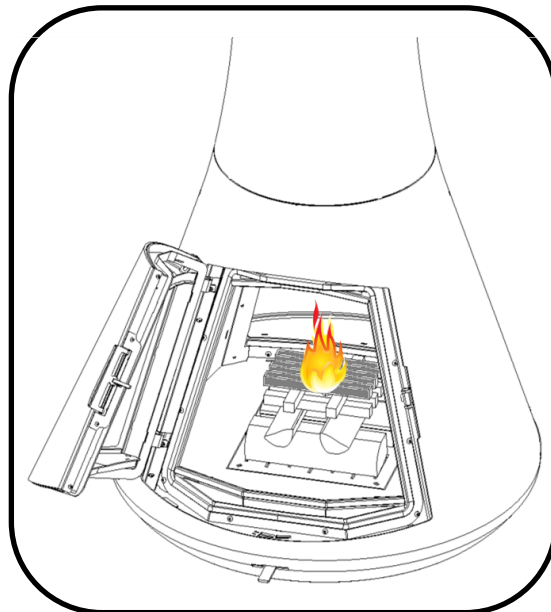
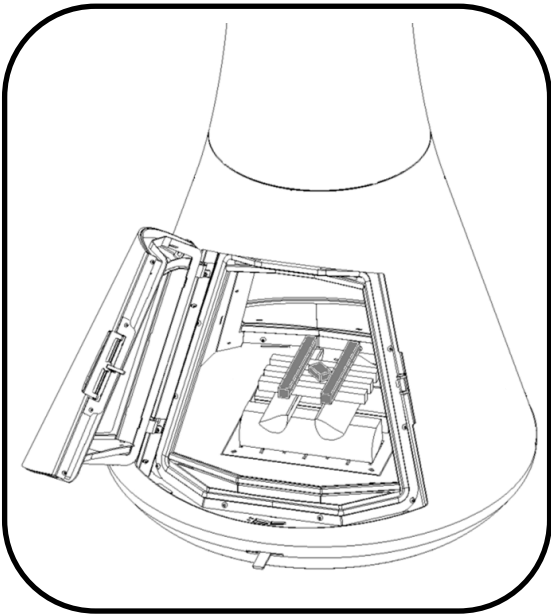
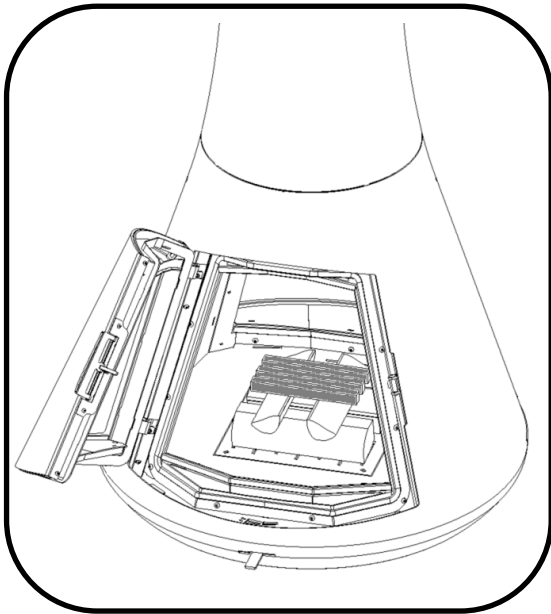
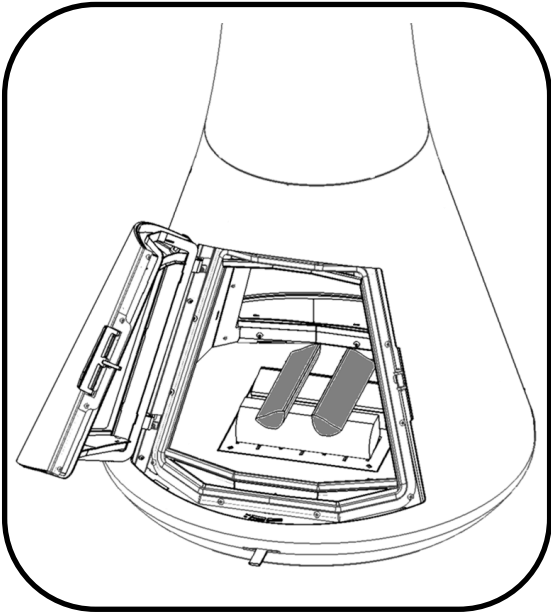
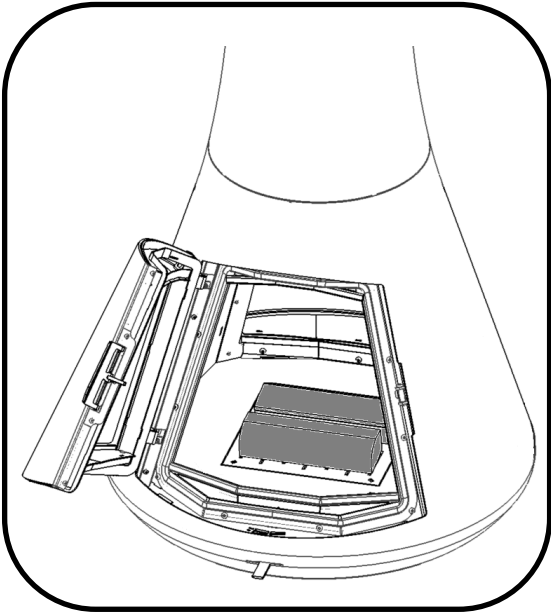
The insulation must not deteriorate at temperatures below 400°C (e.g. calcium silicate, rock mineral wool, etc.).

If the backing wall is made of combustible material, it is necessary either:

- to remove the combustible material and to install insulation as described above;
- or to place a non-combustible partition at a distance of least 2cm from the combustible material wall and to ventilate by two openings (bottom and top).

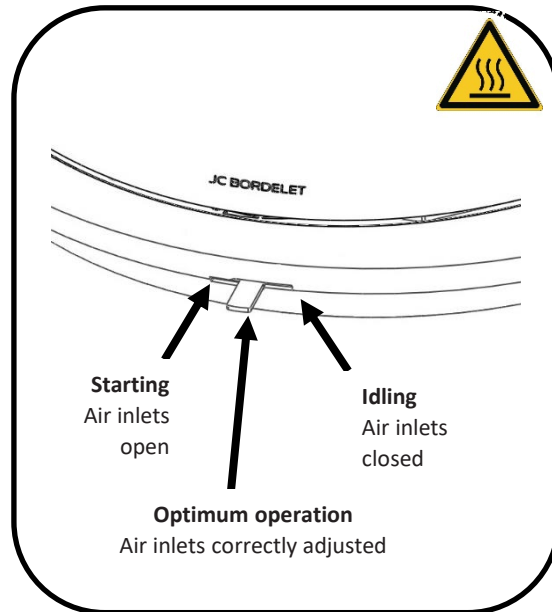
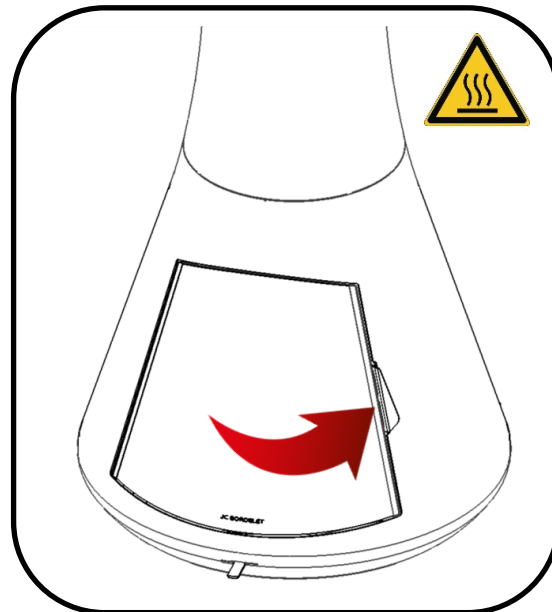
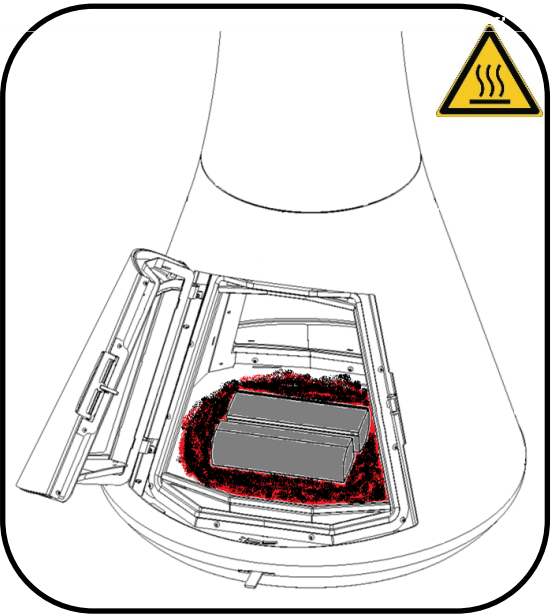
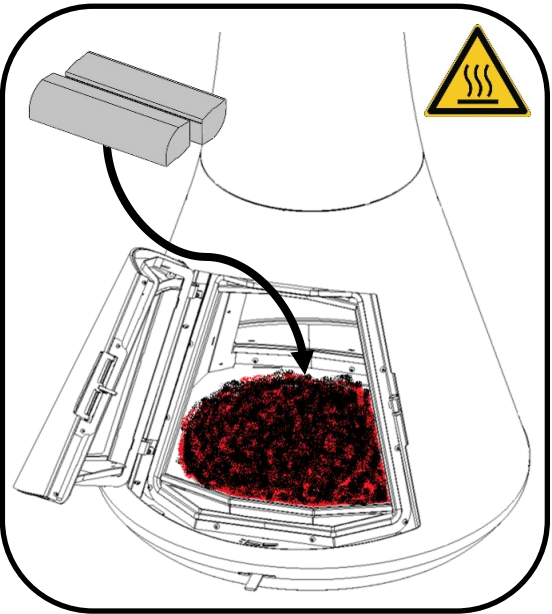
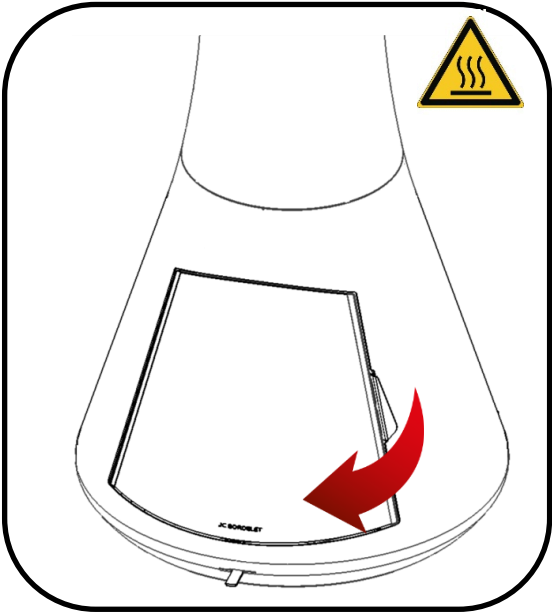
An insulation layer must then be placed on the partition as described above.

Ignition



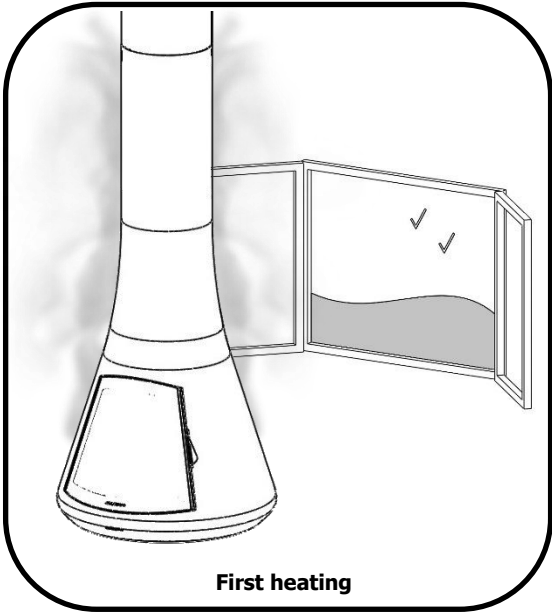
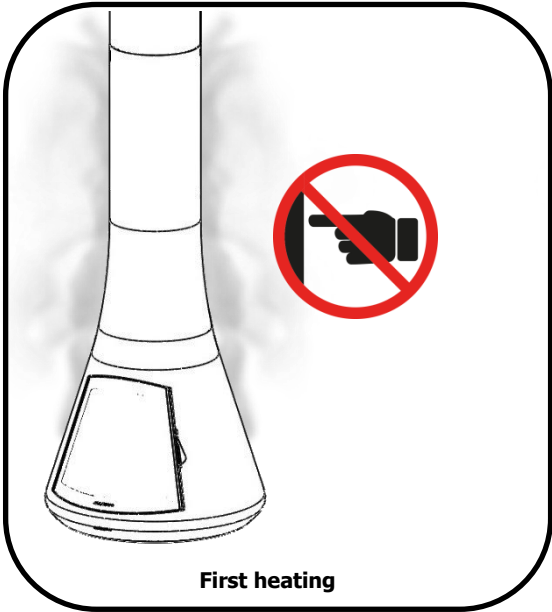
REMINDER: The ignition of the appliance must be carried out using this ignition method (reverse ignition).

# Refuelling

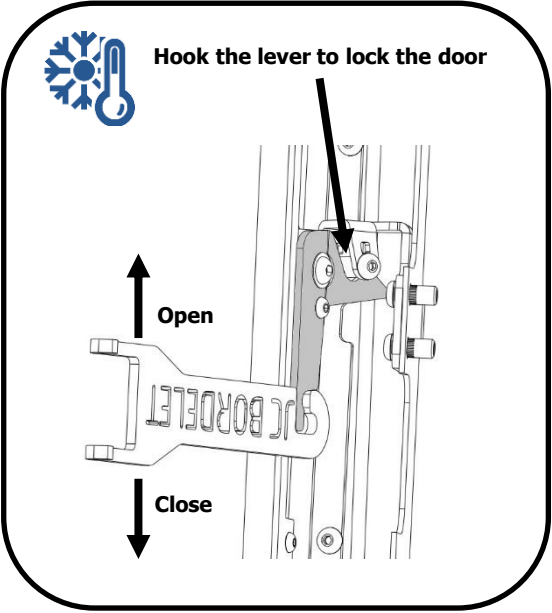
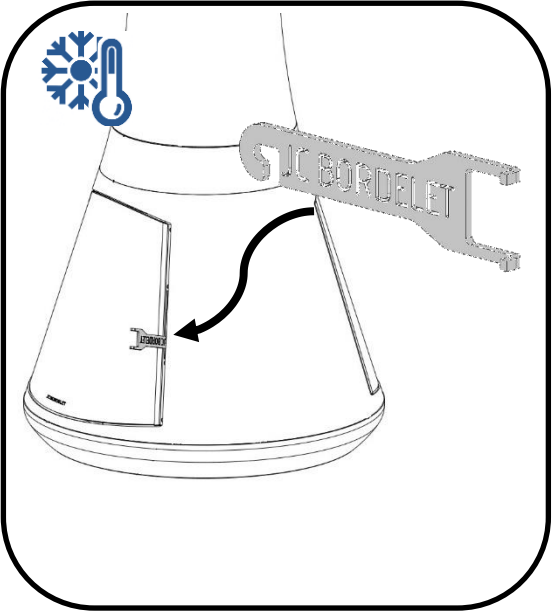


Precautions

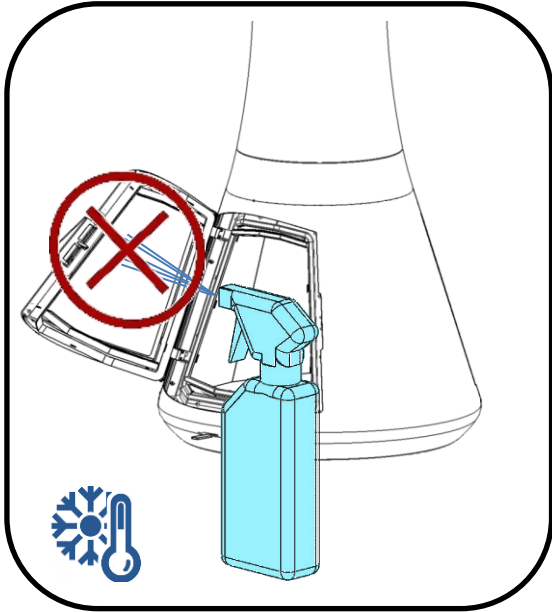
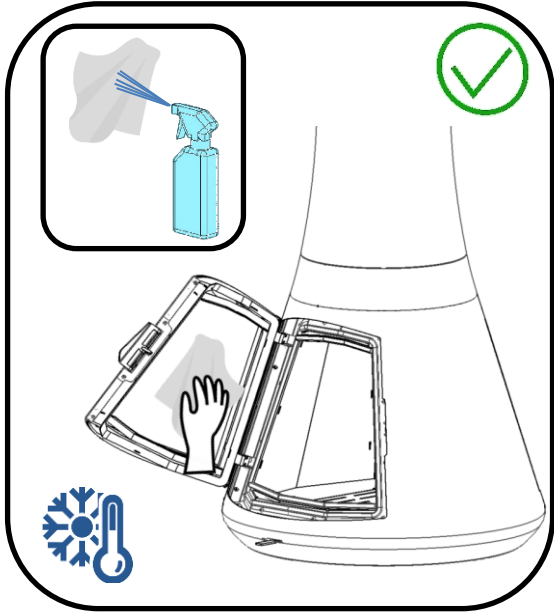
First heating



Rear door opening



Glass pane cleaning





ORDERS	POSSIBLE REMEDIES
Soiling of the glass Backflow when opening the door Condensation Corrosion	<ul style="list-style-type: none"> <li>- Burn wood with humidity &lt;20%</li> <li>- Increase the combustion air supply *</li> <li>- Check the air supply settings of the device</li> <li>- Clean the device</li> <li>- Check the frequency of chimney sweeping (twice a year, including once during the period of use)</li> <li>- Clear the flue outlet of any disturbing element (eg satellite dish, etc.) *</li> <li>- Raise the cap on the smoke outlet *</li> <li>- Raise the flue (40 cm protrusion from the ridge) *</li> <li>- Insulate the flue *</li> </ul>
Wood is hard to burn	<ul style="list-style-type: none"> <li>- Use wood with a smaller section or in quarters</li> <li>- Put at least two logs (with the exception of densified logs)</li> <li>- Burn wood with humidity &lt;20%</li> <li>- Increase the combustion air supply *</li> <li>- Clear the flue outlet of any disturbing element (eg satellite dish, etc.) *</li> <li>- Raise the cap on the smoke outlet *</li> <li>- Raise the flue (40 cm protrusion from the ridge) *</li> <li>- Insulate the flue *</li> </ul>
The wood burns too fast	<ul style="list-style-type: none"> <li>- Put logs of larger section</li> <li>- Check the presence of the deflectors in the device *</li> <li>- Check the adjustment of the air supply to the device *</li> <li>- Install a draft moderator *</li> </ul>
Bistrage of the flue	<ul style="list-style-type: none"> <li>- Burn wood with humidity &lt;20%</li> <li>- Increase the combustion air supply</li> <li>- Clear the flue outlet of any disturbing element (eg satellite dish, etc.) *</li> <li>- Raise the cap on the smoke outlet *</li> <li>- Raise the flue (40 cm protrusion from the ridge) *</li> <li>- Insulate the flue *</li> </ul>

\* This operation must be carried out by a qualified professional.

# JC BORDELET

c r é a t e u r   d ' h a r m o n i e

ZI de Lhérat

63310 RANDAN

Tél: 0470561600 – Fax : 0470561689

[www.bordelet.com](http://www.bordelet.com)

