



HOW TO START YOUR FIREPLACE

Exploit the **ALFA REFRATTARI Fireplace** follow the instructions below:

1. Put few pieces of wood at a time;
2. Fire placing the wood in the back of the fireplace.
3. Regulate the external air inlet and reduce the air draft regulating the smoke control valve to reduce the heat loss through the chimney flue.

WARNING:

After fireplace assembling, wait at least 5 days before starting the first fire in your fireplace.

Begin by making small fires for a couple of hours till he fireplace is completely dried out. Water in the shape of humidity, constitutes about 10% of product weight.

After prolonged periods of inactivity, you should take care to fire your fireplace using the same techniques outlined above.



ASSEMBLING INSTRUCTIONS

ASSEMBLING DIAGRAM

1. Insulate the wall where you will assemble the fireplace using insulating materials in order to avoid heat loss.
2. Use bricks and REFRA^X mortar to raise the fireplace base height as you need.
3. Wet the refractory parts of the fireplace and mount using the REFRA^X refractory mortar.
4. Leave a clearance space of few centimeters between the wall and the fireplace to allow thermal expansions.
5. Attach the fireplace to an air intake.
6. We suggest to place the air intake on the most exposed wall to air.

TO INSTALL AN *ALFA REFRATTARI FIREPLACE* YOU WILL NEED ABOUT 10 KG OF REFRA^X REFRACTORY MORTAR

HOW TO INSTALL THE CHIMNEY FLUE

- ✓ The ALFA REFRATTARI *Fireplace* curved shape, allow to install a chimney flue of narrow dimensions.
- ✓ The smoke valve is perfectly round shaped, with a handy joint, to ease the assembling of modern inox chimney flue.

1. Every fireplace needs a chimney flue of proper height and diameter. If you need to install the fireplace to an existing chimney flue, choose the fireplace which best fits the chimney dimensions.
2. The smoke exit from the chimney flue must not be obstructed by edges, deviations or narrowings.
3. Any chimney flue slants must be less than 45°.
4. To avoid smoke return, we suggest to put the chimney cap in the highest place of the roof.
5. Do not attach the fireplace chimney flue to other fireplaces, heaters or wood fired stoves.
6. We suggest to join the fireplace hood exit using inox steel flue liners (flexible will be good as well) whose diameter is the same as the hood exit diameter.
7. The whole chimney flue should be well insulated to avoid heat loss which obstructs natural smoke rising.
8. The chimney cap must be a wind-proof type to ensure a FAST smoke exit.



CHECK CONTROL

If the fireplace begins to smoke:

The ALFA REFRATTARI FIREPLACES have undergone the most rigorous smoke draft testing. In case of smoke, please control installation conditions:

- Any constrictions that can obstruct smoke rising.
- Slants of more than 45°.
- Insufficient chimney flue dimensions (diameter and height).
- Insufficient external air flow to the place where the fireplace is installed.
- Air intake in the room may result in air depression.
- Presa d'aria su una parete in depressione (lato opposto al vento prevalente)
- Open door to rooms with depression that may draw air from the fireplace room.
- Stairwell may cause air draft upwards from the fireplace room.

Se il focolare brucia troppa legna:

- Regulate the smoke valve to reduce air draft.
- Limitare l'afflusso di aria esterna nell'ambiente ove si trova il focolare , specialmente se l'aria nella griglia fa un effetto "forgia".

If the refractory material shows micro-veins or cracks after use:

- E' naturale che il materiale refrattario del focolare, dopo l'uso presenti delle venature ; tali venature sono necessarie alla dilatazione termica e costituiscono una caratteristica intrinseca del materiale refrattario.

ALFA REFRATTARI

Does not reply to questions regarding micro-veins or cracks in the refractory material, because these are intrinsic characteristics of the refractory materials.