

Product modifications

Environmental performance of the Bathyscafocus (porthole)

Date available : products leaving the factory from the week of 28/01/2013.

With the aim of improving the environmental performance of our fireplaces, we have made some technical modifications to the Bathyscafocus (porthole) in order to :

- increase efficiency
- decrease particle and CO emissions.

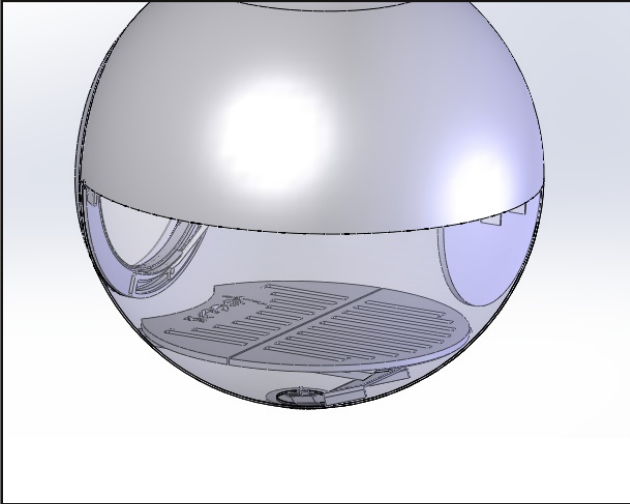
New performance of the Bathyscafocus (porthole)

- nominal heat output	9 Kw
- efficiency	79,4 %
- CO output at 13% of O2	0,10 %
- particle emission	<34 mg/m3

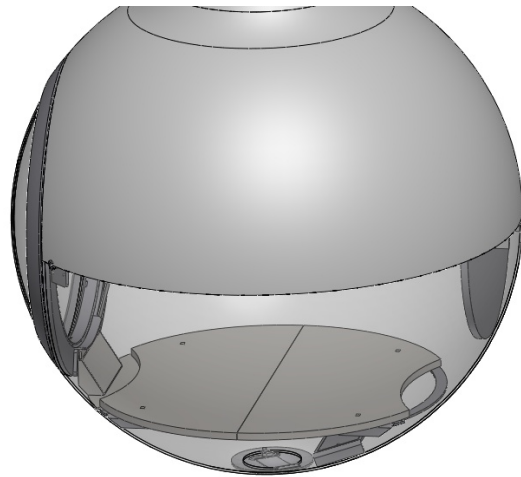
The design and look of the model have not been changed.

New grate

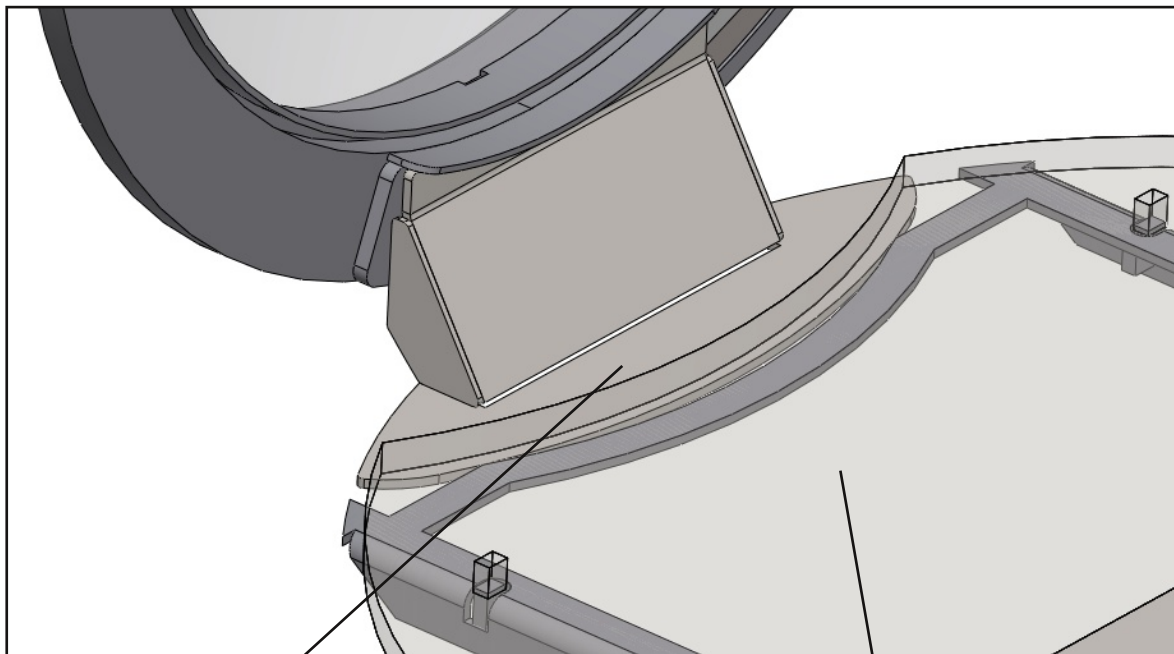
Old slotted grate



New solid grate



The slotted grate of the Bathyscafocus (porthole) has been replaced by two symmetrical, solid, 10-mm thick plates.

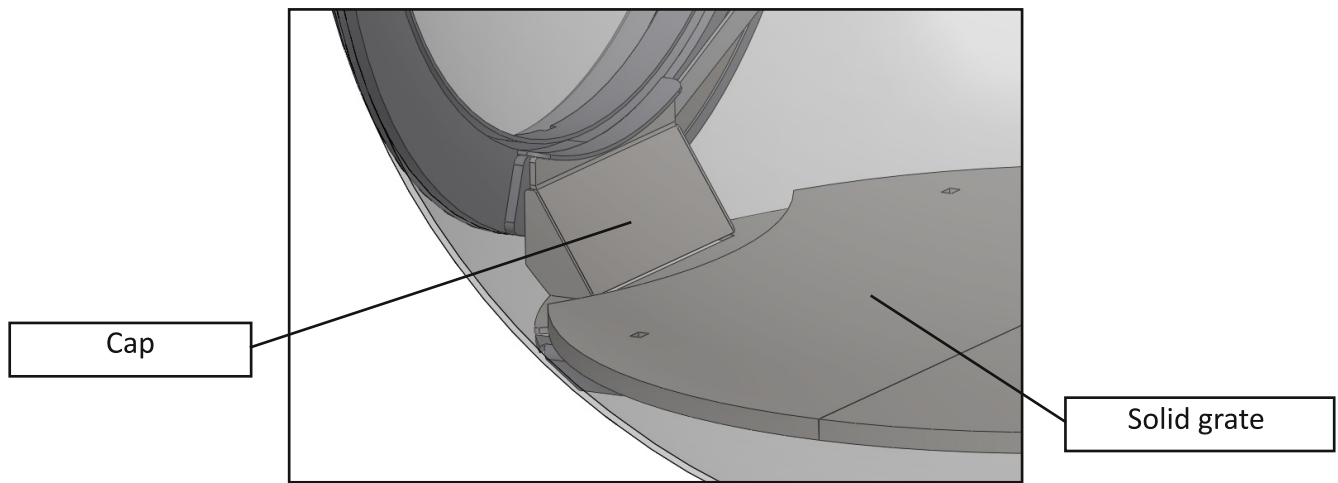


Positioning plate

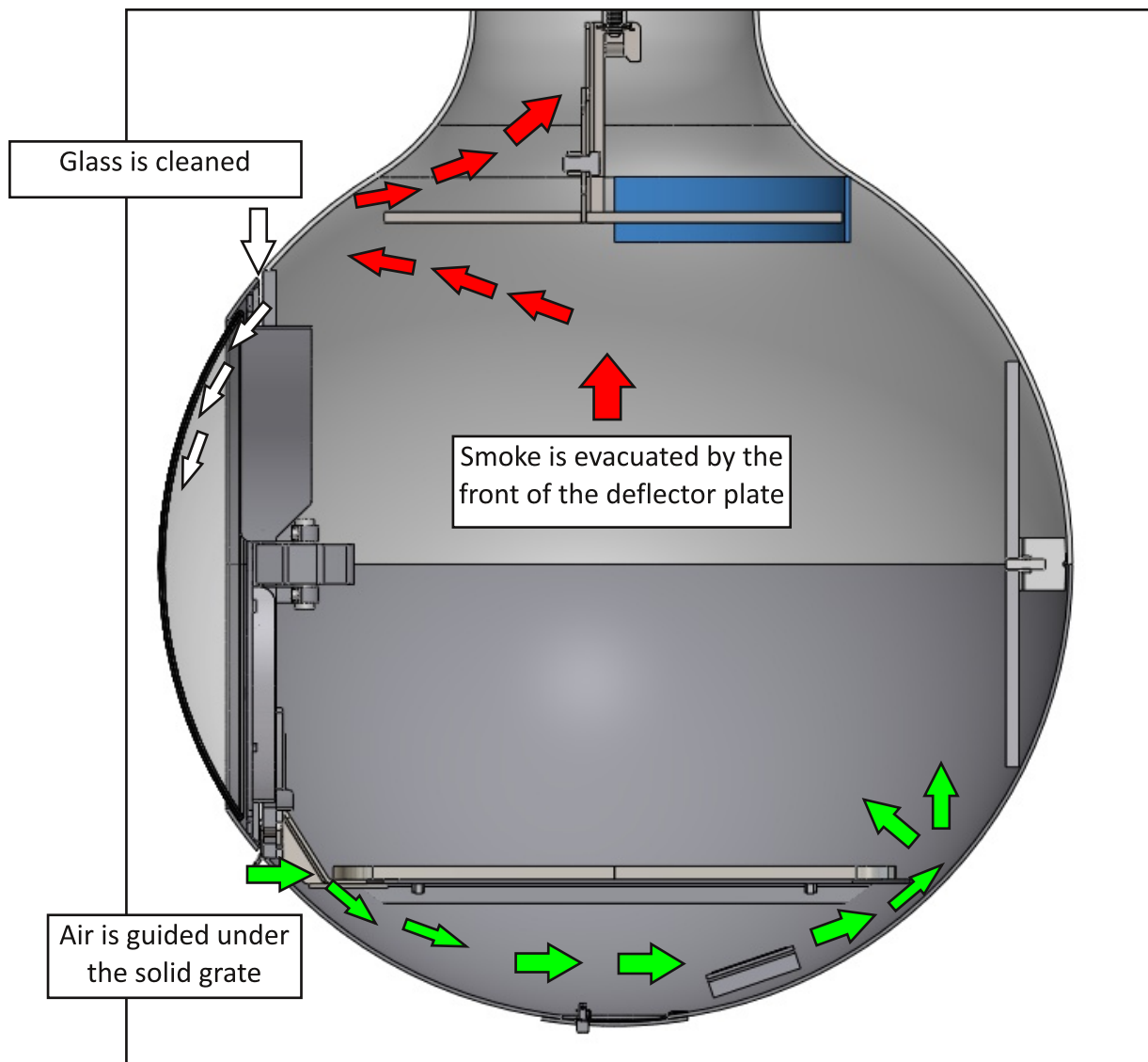
Solid grate
'see-through' view

Addition of an air-guidance system

Air is guided by the addition of a cap over the air valve in order to direct the air under the solid grate. This cap is made of a folded element with a positioning plate on the underside. This part is welded directly to the interior of the hearth.



Air circulation inside the hearth



Addition of a ferrule to the deflector plate

To limit the movement of air to the back of the hearth between the dome and the deflector plate, a ferrule is welded to the top of the dome.

