

# NEW GAS-SAVING GLORY-HOLE WITH HEXADOOR FRONT

A glory hole with gas saving functions and a hexadoor from Gilad Lifshitz has recently been delivered to Finland. In times of constantly rising energy costs, the saving of gas is becoming more and more essential.

This 500 mm glory hole with a built-in frequency-controlled blowfan and a safety

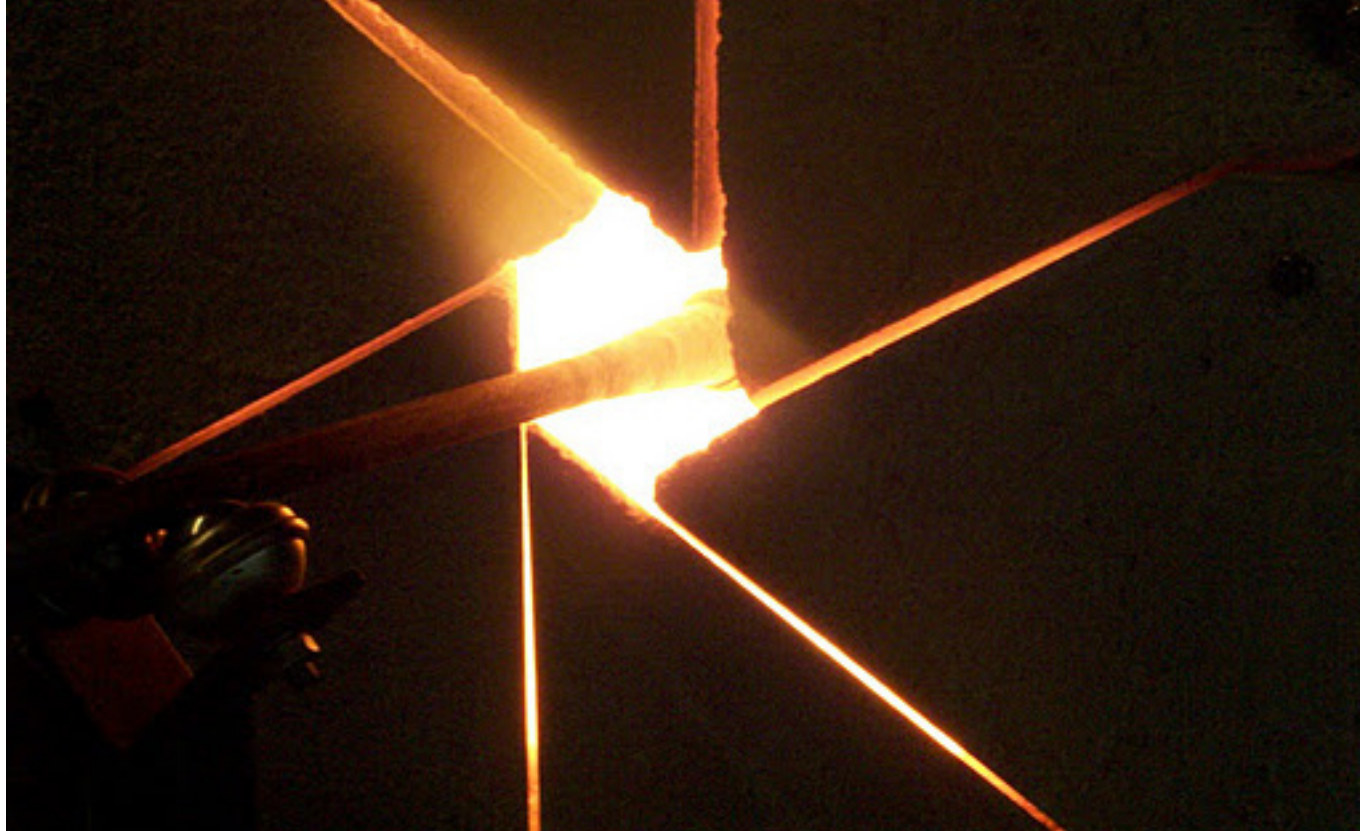
The door is made of six triangular plates which are placed on the same plane (as appose to a multi layer door) with some structural overlapping. That makes the door itself only 35 mm thick, eliminates any rubbing between the plates which causes dust and only allows a minimum of heat radiation.

The door is operated by an electric motor, and I supply the system with two control points, which

system, is normally running on a low flame, until the pontil/pipe is placed in the yoke and then burner accelerates and the glory hole reaches its working temperature in a few seconds. When the pontil/pipe is removed, it is back to its low flame-level.

operates individually: one is a foot-switch, and the second is a hand switch on a stand. Any number of switches can be added on request.

The foot-switch is used by the glassblower himself and can be mounted on the yoke. This gives the glassblower the much-needed control over the operation of the door and frees the assistant to do other tasks. Hereby, the stress level during the work,



especially on large or complicated pieces, is minimized. If the glassblower chooses, however, the assistant can also close / open the door with the hand switch.

The door system can be mounted on wheels and placed in front of the gloryhole, so it can be used for more than one oven.

Other benefits of the Hexadoor's analog movement are the ability to heat the piece more accurately, and to minimise the radiation of heat into the studio. Lastly, if the Hexadoor is used correctly, a saving of gas can be expected.

## RELIABILITY AND QUALITY

Since the gloryhole is an essential tool for the glassblower, every effort has been made to make sure that the door system is reliable to the highest degree.

- The parts, which are exposed to heat, are all made of stainless steel.
- The casted plates are made of insulating castable and are preburned to 1100 c degrees.
- The motors are quality products from Linak.

## MORE PICTURES AND VIDEO

For more pictures and video of the Hexadoor in action take a look at:

<http://picasaweb.google.com/hexadoor/Hexadoor>

## HOW TO ORDER

For more information, price and to order please contact us at Essemce.

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