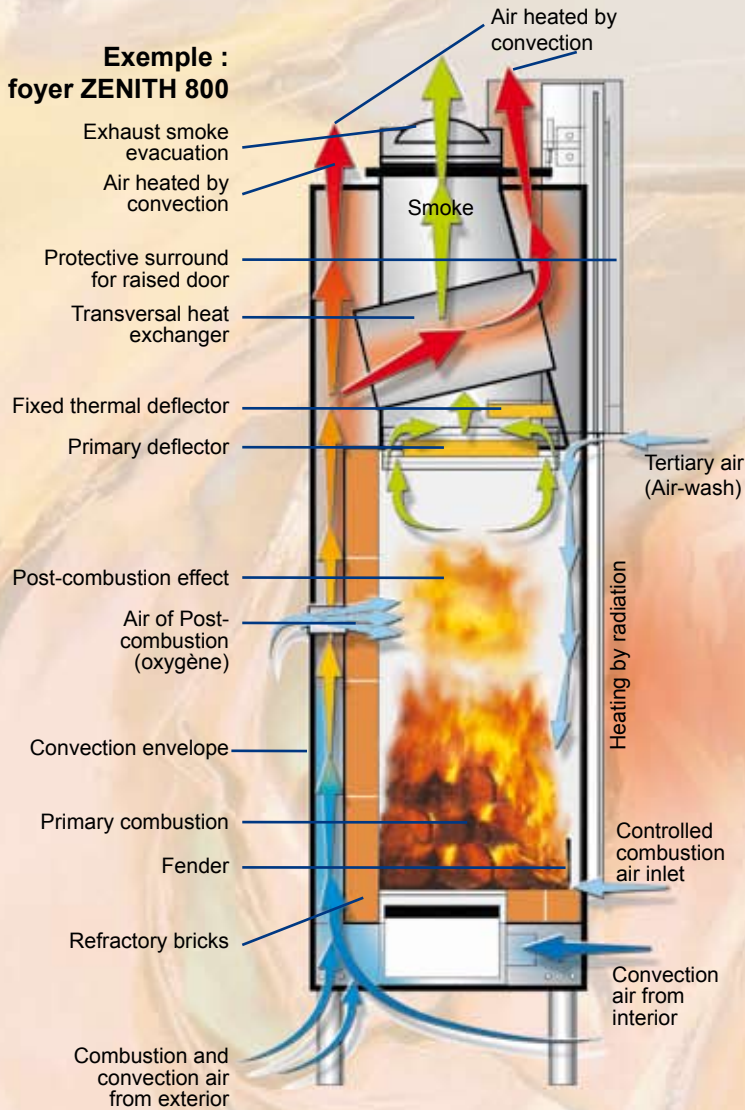


**Exemple :  
foyer ZENITH 800**



Volume and speed of heated air autoregulated by temperature differential and decompression chamber

AXIS system : I.N.P.I. registered n° 093725

This concept has obtained ANVAR support n° 1460-12/9/1999

# Post combustion according to AXIS Concept applied for the whole range

- Total combustion
- CO emission reduced to a minimum
- Clean combustion chamber
- Clean vitro ceramic facade
- Work with no electrical assistance through natural thermal circulation

## HEARTHES APPROVED CE - NF EN 13229

### Exceptional results :

- Complete and clean combustion
- Percentage of loss through unburned solids : 0 %
- Co emission between 0.08 % and 0.019 % for 13 % O2 which places AXIS hearths in class 1 for which the emissions limit is 0.30 %.
- High efficient of 60 % to 75 %.
- Nominal power tested and certified.

## TRIPLE WALLED HEARTHES

- Refractory for heat conservation (NF ISO 9002)
- Firebox for heat exchange (EN 10111)
- Convection lining for heat transmission (EN 10025).

## TRIPLE HEATING ACTION

- Radiation
- Accumulation
- Convection

Our hearths heat for several hours after the fire has died. Autonomy of heating equal or superior to 10 hours with the inertia of the refractory bricks.

Refractory mass is essential for heat conservation, the kickness is therefore 6 cm.

All AXIS hearths are tested and validated by a certified independant laboratory.

Intermittent burning appliances for burning wood, certified NF classes G1 - H1.

Individual technical data sheet for each model is available on request.



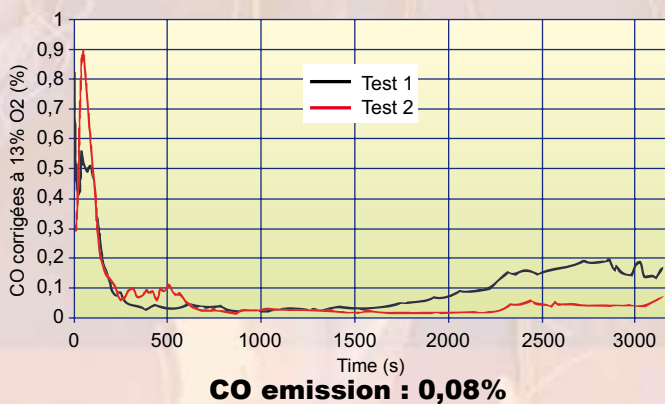
**Member of  
FLAMME VERTE**



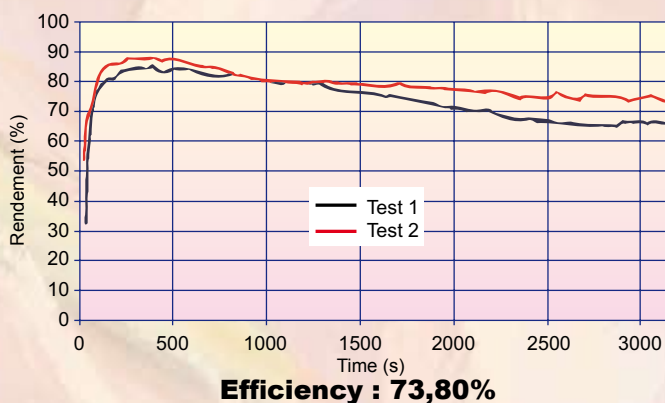
# Efficient Ecological Heating

# Combustion chamber guaranteed 10 years\*

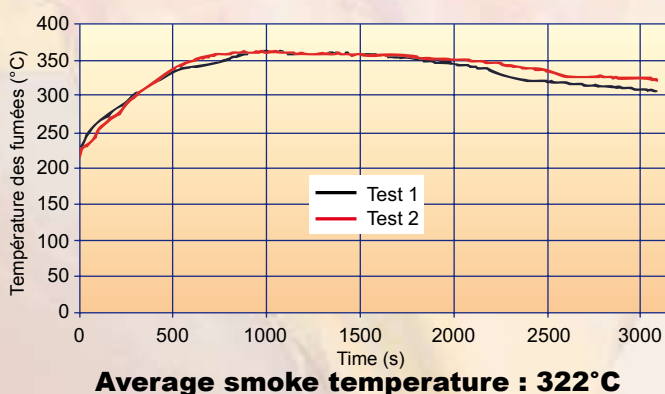
Evolution of levels of CO at 13 % of O2



Evolution of efficiency



Evolution of smoke temp



**Test results for :  
AX F 1000 hearth - 15Kw**

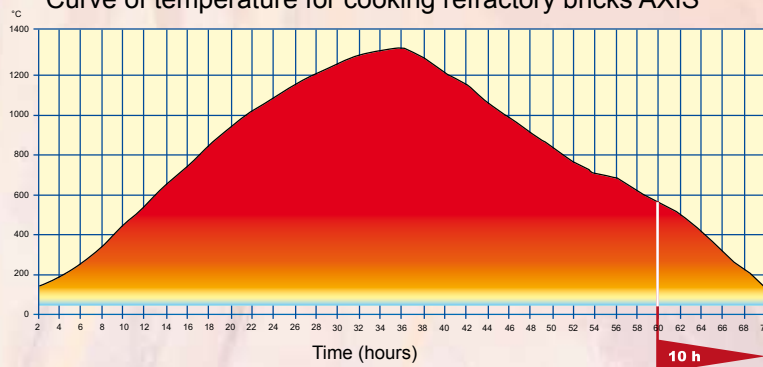
**Source :  
Laboratory of wood science  
and engineering : (LERMAB)**



## HIGH RESISTANCE REFRACTORY BRICKS (1350°)

These ensure, by their design : accumulation, transmission and continuous redistribution of the heat over a period greatly superior to the duration of the fire. (ISO 9002). Individually removeable and replaceable.

Curve of temperature for cooking refractory bricks AXIS



**Period of heat redistribution equal to the time taken for that temperature to be reached.**

\* Détails and conditions on guarantee certificate provided with each hearth or on request.