

# Open Hearth Masonry Fireplace

## Isokern - fireplace & chimney systems



For over 60 years in Denmark, Isokern has evolved as a fully automated company that manufactures the finest products for heating and venting efficiency. Utilizing Icelandic volcanic stone, Isokern has achieved vast insulating values in the production of chimneys, fireboxes and fireplaces for indoor and outdoor use.

Today, Isokern satisfies two continents with exceptional lightweight products for residential, commercial and industrial wood burning. The Isokern brand is more established than ever and is becoming a well known product line among builders and developers.

With the addition of our new, clean burning HearthCAT™ equipped fireplaces, Isokern can now offer architects, designers and homeowners a series of wood burning fireplaces that meet even the most stringent particulate emissions regulations.

Isokern currently has six fireplace systems to choose from: the Magnum Series and the Standard Series which are both wood burners, the IBV (Isokern B-Vent) Series, the Vent-Free Series, the Patio Series and the Fire-Lite Series. Both the Magnum and Standard Wood Burning Models are offered with the HearthCAT™ System.

## HearthCAT™ Emission Control System

The HearthCAT Emission Control Technology from Clear Skies Unlimited Inc. is a catalytic system designed especially for wood burning fireplaces. Generally, the high volume of excess draft air in a fireplace precludes the successful operation of a catalytic system. The HearthCAT™ System however, utilizes a patented Smoke Hood to capture the pollutants from the fire allowing most of the dilution air to bypass the hood and exit through the flue system. The HearthCAT™ Combustor provides a secondary ignition for the combustibles before they leave the firebox as particulate pollution. The direct flame on the catalytic surface actually cleans the combustors.



Isokern Standard Fireplace Equipped with HearthCAT™