CONVECTION
FIREPLACE INSERTS

MAXVISION SYSTEM
TRINITY
Join the group of those who choose well.

Hitze is a modern brand of ecological fireplace inserts and free-standing stoves. We have specialized in wood-fired appliances for over 20 years. Our headquarters and the entire production are located in Poland, but our representatives can be found in over 35 countries in Europe, Africa and Asia.

The dynamic development over the last 5 years has strengthened our position in the segment of high-quality products while maintaining competitive prices.

TRINITY MAXVISION SYSTEM

5 kW  ADJUSTABLE POWER RANGE  15,5 kW

TRINITY LINE are the first fireplaces in our offer with a three-sided vision of fire. They are available in three shapes of the hearth. The effective tripartite insert suits to modern design with maximum vision of fire. The constructors minimized the number of steel elements of the front and door while maintaining durability and tightness of the insert. In addition, the use of unprinted glazed panels maximizes the natural appearance of the fireplace. The use of a new mechanism for opening the furnace - a guillotine with service access - ensures tightness of the insert and increases safety against opening by children. The construction of the insert eliminates the exhaust fumes returning to the room when opening the door.
TECHNICAL SOLUTIONS

Cast iron flue ø200 with regulation 360° gives the possibility of removing fumes in every direction.

Heat pipes (3 pcs)
Increase the area of heat exchange and accumulation.

MAXVISION
Used combined glass without printing maximizes the natural appearance of the furnace.

TRIO Clean glass system
Three-sided air steering and two air curtains (on the TOP and BOTTOM).

EASY START
Independent air regulation supporting firing up (additional lever).

Regulated feet
Allow positioning the fireplace insert securely and stable. Smooth regulation in the range of 4 cm and step 0-4, 5-9-13.5 cm.

Guillotine proLIFT
More smooth and quiet mechanism with service access.

Two ceramic deflectors
Allow for longer burning of fuel particles, extends the exhaust route and optimizes the combustion process by increasing the temperature inside the chamber.

The afterburning system
Increases thermal energy volume, reduces the emission of harmful substances to the environment and improves fuel saving.

SIZE+
Big combustion chamber, lined with Akuceram for heat accumulation.

EASY CLEAN
Hinged cast iron grate in the tilting frame for the convenience of cleaning the hearth.

Air inlet
The air from the outside is supplied through the stub Ø150, and then divided into three independent channels Ø90: under the grate, lower air curtain afterburner and the upper air curtain.

A large container for ash removed from under the grate.
ADVANTAGES OF THE TRINITY INSERTS

Complete your home with unique atmosphere and the therapeutic effects of natural fire. Three-sided glazing offers triple magic of the flames in a size larger than the market standard.

Any cleaning work is possible thanks to the additional side glazing opening mode. Easily and without any tools you have access to clean the glass from the inside.

The tilting grate is an innovation appreciated by most of the customers. A proven and convenient ash removal solution means a convenience during the regular use of the fireplace.

Guillotine door opening is a standard, but in three-sided fireplaces its design is crucial for failure-free operation. Solid steel frames and a gravity internal mechanism guarantee the joy of the fireplace for years.

The obvious advantage of a fireplace insert over an open hearth is the ability to precisely regulate the fire while burning. Three levers allow you to control the cleanliness of the windows, the speed of combustion and the size of the flames.

Reaching high temperatures in the combustion chamber translates into low exhaust emissions. Two massive Aku-ceram deflectors are a barrier that effectively accumulates high temperatures and burns the exhaust gases out before they reach the chimney.
AVAILABLE MODELS

Trinity 54x54x53.G

Trinity 54x80x53.G

Trinity 80x35x53.G
## PARAMETERS

<table>
<thead>
<tr>
<th></th>
<th><strong>Model Q</strong></th>
<th><strong>Model U</strong></th>
<th><strong>Model C</strong></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>TRI54x54x53.G</td>
<td>TRI54x80x53.G</td>
<td>TRI80x35x53.G</td>
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<tr>
<td><strong>Nominal power</strong></td>
<td>kW</td>
<td>10</td>
<td>12</td>
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<tr>
<td><strong>Heating load range</strong></td>
<td>kW</td>
<td>5.0 - 13.0</td>
<td>6 - 15.5</td>
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<tr>
<td><strong>Thermal efficiency</strong></td>
<td>%</td>
<td>77</td>
<td>78</td>
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<tr>
<td><strong>CO emission (at 13% O2)</strong></td>
<td>g/m³</td>
<td>1,185</td>
<td>1,133</td>
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<tr>
<td><strong>CO emission (at 13%O2) (%)</strong></td>
<td>%</td>
<td>0,0948</td>
<td>0,0907</td>
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<tr>
<td><strong>Dust emission (at 13%O2)</strong></td>
<td>g/m³</td>
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<tr>
<td><strong>Average fuel consumption</strong></td>
<td>kg/h</td>
<td>2.8</td>
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<tr>
<td><strong>Glass dimensions</strong></td>
<td>mm</td>
<td>540 x 540 x 530</td>
<td>540 x 800 x 530</td>
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<tr>
<td><strong>External dimensions</strong></td>
<td>mm</td>
<td>777 x 1853 x 855</td>
<td>777 x 1897 x 1115</td>
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<tr>
<td><strong>Diameter of the flue</strong></td>
<td>mm</td>
<td>200</td>
<td>200</td>
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<tr>
<td><strong>Inlet diameter</strong></td>
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<td>150</td>
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<td><strong>Maximum log length</strong></td>
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<tr>
<td><strong>Weight</strong></td>
<td>kg</td>
<td>320</td>
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<tr>
<td><strong>Exhaust gas temperature</strong></td>
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<tr>
<td><strong>Effectiveness Coefficient</strong></td>
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<td><strong>Energy class</strong></td>
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INSTALLATION ACCESSORIES:

CHANGABLE HANDLE
- INOX VENT G
- BLACK VENT G
- BLACK MINIMAL G

GLASS BASES
- BASE 01
  - Dimensions (mm): 515x350
  - Material: tempered glass
- BASE 02
  - Dimensions (mm): 1067x1260
  - Material: tempered glass

BLACK AKUCERAM

BIO-INSERT
- Model U, C
  - WBN-02
  - Capacity: 1L
- Model Q
  - WBN-03
  - Capacity: 1.6L
RAL colours presented on product visualisations are for reference only and their shades may slightly differ from the real colour.

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