

# Acturus I



## Model Acturus I 1050

The strong cast iron construction, detailed decorations and efficient size gives the Acturus a timeless industrial appeal. The wood filling door on the side makes it possible to burn lengths of wood up to 50 cm. During the process of production, time and attention has been spent on producing a quality that technically speaking meets all required standards. Now in the 6th generation of the family business we still offer this successful model, equipped with the latest techniques and external air supply. The Acturus is available as Acturus I with one door or Acturus II with double opening doors. Both stoves have the wood filling door at the side, Acturus I on the left -hand side and Alturus II on the right.

## Technical Information

|                           |          |                    |                         |
|---------------------------|----------|--------------------|-------------------------|
| Efficiency                | : 80,2 % | Tested capacity    | : 7 kW                  |
| Weight                    | : 115 Kg | Flue gas flow wood | : 7,5 m (g/s)           |
| Flue connection           | : 150 mm | Pressure           | : 12 p (Pa)             |
| Flue gas temperature Wood | : 320 °C | Dust in mg         | : 32 mg/Nm <sup>3</sup> |
| Capacity                  | : 6-8 kW |                    |                         |

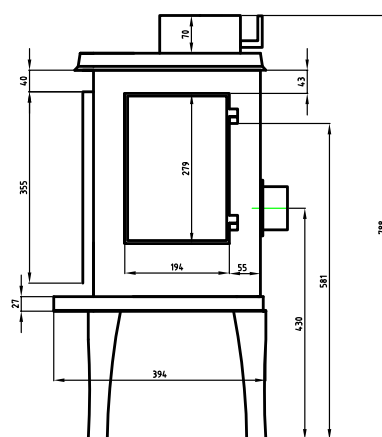
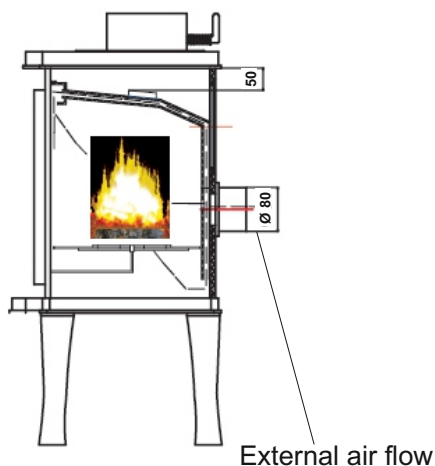
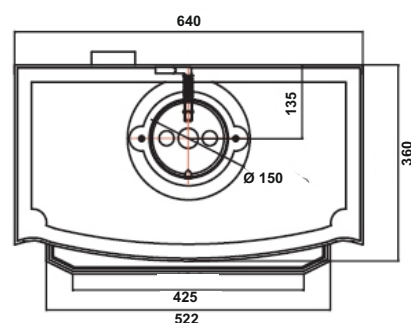
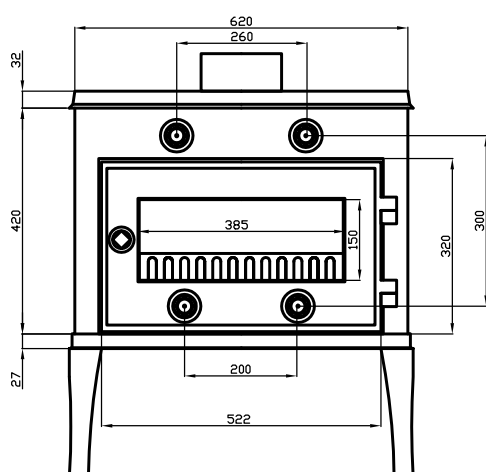
Energy rating:



**Tested according to the following standards:** gem. Art. 15a B-VG, BStV München, Regensburg, Stuttgart and Aachen, gem. DIN plus, Ö-Norm, CE norm, 1.+2. BimschV. and Luftreinhalte-Verordnung Switzerland.

# Acturus I

Drawings, measurements and technical information



## Extra Details / Technical Information

| Measurements<br>in mm HxWxD     | Fire place<br>mm HxWxD | Fire opening<br>in mm HxW | Stove window<br>HxW         | External<br>air flow  | Design     | Fleu height<br>pipe   | 1+ 2<br>BimschV | Capacity<br>in cbm                                                           |        | Tested<br>according          |
|---------------------------------|------------------------|---------------------------|-----------------------------|-----------------------|------------|-----------------------|-----------------|------------------------------------------------------------------------------|--------|------------------------------|
| 780x640x400                     | 280x550x230            | 210x160                   | 150x358                     | yes                   | 1          | 740                   | yes             | 180                                                                          |        | 13240                        |
| Colour                          | Inside of fire         | Fuel                      | Continuing/<br>time burning | Fire rotation<br>grip | Ash<br>pan | Fire/rotating<br>grid | Primary<br>air  | Secondary<br>air                                                             | O-Norm | Clean air act<br>Switzerland |
| Black                           | Cast Iron              | Wood/coal                 | Time<br>burning             | yes                   | yes        | yes                   | yes             | yes                                                                          | yes    | yes                          |
| Dust in Mg on 13% O2: 32 mg/Nm³ |                        | NOX: 118 mg/Nm³           |                             | CO: 1125 mg/Nm³       |            | OGC: 58 mg/Nm³        |                 | Anf. der Städte München,<br>Aachen Stuttgart und<br>Regensburg nach DIN plus |        | yes                          |
| Values converted: 20 mg/MJ      |                        | 75 mg/MJ                  |                             | 669 mg/MJ             |            | 37 mg/MJ              |                 |                                                                              |        |                              |

# - Globe fire -

Globefire Ch.Leibfried GmbH, An der Bundesstraße 2,  
D-49733 Haren / Ems, Germany

## Tested stove Type 1: EN 13240: 2001+A2: 2007

|                                                          |                                                                             |                             |                           |
|----------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------|---------------------------|
| Type                                                     | Stove Acturus ST-1050                                                       |                             |                           |
| Declaration of performance Nr.                           | 010-CPR-2013.06.10                                                          |                             |                           |
| Test institute Number                                    | 1625                                                                        |                             |                           |
| Test-Nr.                                                 | RRF - 40071328                                                              |                             |                           |
| Heat output / Energy efficiency                          | Fulfilled                                                                   |                             |                           |
| .Efficiency                                              | 80,2 %                                                                      |                             |                           |
| .Nominal heat output                                     | 7 kW                                                                        |                             |                           |
| .Room efficiency                                         | 7 kW                                                                        |                             |                           |
| .Heat output                                             | 6 - 8 kW                                                                    |                             |                           |
| Mechanic solidity                                        | Fulfilled                                                                   |                             |                           |
| Surface temperature                                      | Fulfilled                                                                   |                             |                           |
| Combustion products                                      | CO-Emission: 1125 mg/Nm <sup>3</sup> - 669 mg/MJ                            |                             |                           |
| .Flue gas temperature                                    | 268 °C                                                                      |                             |                           |
| Fire safety                                              | Fulfilled                                                                   |                             |                           |
| .Fire behavior                                           | A1                                                                          |                             |                           |
| .Minimal distance to flammable materials:                | Side: 40 cm      Rear: 20 cm      Bottom: 0 cm<br>Front stove window: 80 cm |                             |                           |
| Fuel                                                     | Wood and coal      Time burning                                             |                             |                           |
| Dust in Mg on 13% O <sub>2</sub> : 32 mg/Nm <sup>3</sup> | Nox: 118mg/Nm <sup>3</sup>                                                  | CO: 1125 mg/Nm <sup>3</sup> | OGC:58 mg/Nm <sup>3</sup> |
| Values (converted): 20 mg/MJ                             | 75 mg/MJ                                                                    | 669 mg/MJ                   | 37 mg/MJ                  |
| VKF Switzerland                                          | 25281                                                                       |                             |                           |

Reading and follow up of given guidelines in the manuel

The connection of more stoves to one chimney is permitted



Approved German tests and CE mark EN 13240:2001 + A2:2007, according DINplus and also according Art. 15A B-VG Ö-Norm Austria.  
1. and 2. level 1. BimschV Germany and also Luftreinhalte-Verordnung Switzerland.