

## CELSIUS

<b>Application:</b>	Space heater for burning solid fuel without hot water supply (EN 13240)
<b>General description:</b>	Schiedel CELSIUS is a stove for intermittent burning which has been specially designed for the combustion of firewood, whereas the products of combustion are launched vertically in the T400 N1 D 3 G(00) classified chimney.
<b>Installation:</b>	Inside a building
<b>Fuel:</b>	Solid fuel (split logs)
<b>Operating temperature:</b>	264 °C
<b>Mode of operation:</b>	Negative pressure (min. flue draught 12 Pa)
<b>Frame material:</b>	Pumice blocks
<b>Insert material:</b>	Black painted steel
<b>Range of accessories:</b>	Black/white convection grid Stainless steel frame for insert (brushed)
<b>Compatible chimney systems:</b>	<b>ISOKERN AIR:</b> Pumice outer case with a separate channel for combustion air supply, and a pumice inner liner.  <b>ISOKERN VENT:</b> Pumice outer case with a separate channel for combustion air supply, combined with mineral wool insulation and a ceramic liner.  <b>PMSA25 (ordering the Celsius as A-type!):</b> Double wall steel chimney with combustion air supply
<b>Nominal heat output:</b>	6.7 kW
<b>Energy efficiency / class / index:</b>	83 % / A+ / 110,4
<b>Emission:</b>	1025 mg/m <sup>3</sup> CO (at Vol 13% O <sub>2</sub> ) 3 mg/m <sup>3</sup> Dust (at Vol 13% O <sub>2</sub> ) 58 mg/m <sup>3</sup> OGC (at Vol 13% O <sub>2</sub> ) 82 mg/m <sup>3</sup> NOx (at Vol 13% O <sub>2</sub> )



### Specifications:

Frame (pumice blocks):	
<b>External dimensions:</b>	W:440 x D:440 x H:1500 mm
<b>Hole in top plate:</b>	165 mm
<b>Hole for conv. grids:</b>	W:252 x H:90 mm
<b>Weight:</b>	140 kg

Insert (steel combustion chamber):	
<b>Frame dimensions:</b>	W:401 x H:656 mm
<b>Combustion chamber:</b>	W:267 x D:285 x H:350
<b>Glass dimensions:</b>	W:205 x H:415 mm
<b>Weight:</b>	65 kg

# Product Data Sheet



## Certificates and distance to combustible materials:

Celsius (EN 13240):	
Rear:	0 mm
Sides	300 mm
Front:	1100 mm
Floor:	300 mm

## Installation examples:

