SLIM
High Performance Multi Gas Burner
High Performance
The Slim multi-gas burner is characterized by high tech performances and can be used on free standing cookers or built-in ovens in both oven and grill versions. This is a natural evolution of the tubular burner and is characterized by an extended range of nominal rate going from 1.8kw to 5kw and power modulation with a 5:1 ratio.

Flexible & Adaptable
The full kit of fastening elements make it extremely flexible and easily adaptable to all types of oven cavity. The particular dimensioning of the body, the orientation of the flames and the deflectors adopted allow for a good uniformity of temperature which is particularly useful in cases where a cooking fan is not foreseen.

Stability
The stable working with all types of gas guarantees the absence of flame lift and flash back thanks to the innovative project in dimensioning and in surfaces, which are notably wider compared to corresponding tubular models.

Easy Assembly
The spark plug and thermocouple fastenings, also produced by CastFutura, is of fast connection type and allows for fast and precise positioning with instant ignition and correct sensibility of flame at both maximum and minimum rate with all types of gas.

Self Alignment
Also available in kit is a die cast self aligning injector carrier which always allows for an excellent combustion regardless of the accuracy of assembly. Features and performance are guaranteed by strict process and productive system testing certified Vision 2000.

Compliant
Combustion and carbonic oxide emission are in conformity with EN 30/1 CSA, SASO, GOST norms.

Co-Designed
The co-design service in new projects with the set-up of the burners in the customers’ oven cavity makes the process of development and introduction of cooking appliances on the market fast, precise and economic.

Best Seller
The product is fully tested and present on the market in more than 6 million cooking appliances.
### Nominal Lengths Available

<table>
<thead>
<tr>
<th>Nominal Lengths Available</th>
<th>Nominal Rate from-to</th>
<th>Overall Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Burner</td>
<td>Deflector</td>
</tr>
<tr>
<td></td>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>321</td>
<td>18-2.5</td>
<td>321</td>
</tr>
<tr>
<td>359</td>
<td>18-3.0</td>
<td>359</td>
</tr>
<tr>
<td>381</td>
<td>18-3.3</td>
<td>381</td>
</tr>
<tr>
<td>425</td>
<td>18-4.0</td>
<td>425</td>
</tr>
<tr>
<td>502</td>
<td>3.0-4.5</td>
<td>502</td>
</tr>
<tr>
<td>628</td>
<td>3.5-5.0</td>
<td>628</td>
</tr>
<tr>
<td>670</td>
<td>3.5-5.0</td>
<td>670</td>
</tr>
<tr>
<td>720</td>
<td>4.5-6.0</td>
<td>720</td>
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</tbody>
</table>
COMPONENTS

All the components are made in aluminium coated steel. Their resistance to high temperatures and the absence of obnoxious emissions make them perfect for cooking food.

1. Burner Body
   The lengths available allow us to cover the entire range of ovens with dimensions from 50 x 50 to 90 x 60 for both oven and grill applications.

2. Deflector
   The particular morphology adopted makes the deflector stable and efficient in its use at high temperatures.

3. Front Bracket
   The various heights available and the application on both oven and grill versions allow for the adaptation to any oven cavity.

4. Manual Ignition Tube
   Two heights are available to guarantee correct ignition even with particularly high oven cavity. They can be assembled both on right-hand and left-hand side of the cavity.

5. Thermocouple and Spark Plug Bracket
   Two models are available for different requirements of cable exits. Both are equipped with clips studied to combine with the bracket. This makes component assembly fast and precise.

6. Thermocouple and Spark Plug
   These components, produced by CastFutura, are for quick connection and studied for maximum reliability for assembly and positioning. The thermocouples are equipped with fast connections on the gas valve (faston, jack, minijack).

7. Injector Holder
   Projected to guarantee the self alignment of the injector with a venturi tube. In this way combustion results are always excellent regardless of the accuracy of assembly. It is die cast in aluminium and adopts the same type of injector used on the hob. They are available for both “bundi and ogiva” connections with threads measuring 1/4 - 3/8 - M14 x 1 for 8 and 10 diametre aluminium tubes.

8. Customization
   Further personalization will be possible thanks to developments in co-design with our customers.