

3P Cooking is the strategic project of 3P Engineering dedicated to the gas market and new cooking technologies. Hi-tech innovation, design and Research & Development distinguish the 3P Engineering cooking project. With over ten years' experience and the development of 14 industrial invention patents in the gas market, 3P Engineering is the reference partner for gas cooking projects and the development of gas cooktops of the next generation.

[www.3pcooking.com](http://www.3pcooking.com)

As an innovative SME, 3P Engineering creates B2B value and competitive advantages through its four business units: Testing Laboratory (accredited by Accredia, n. 1537 L, UNI CEI EN ISO/IEC 17025), Test Benches, Product Development, Pre-Series. Know-how and advanced skills distinguish 3P Engineering: 31 patents registered in several product markets, of which 21 for our customers.

[www.3pengineering.it](http://www.3pengineering.it)

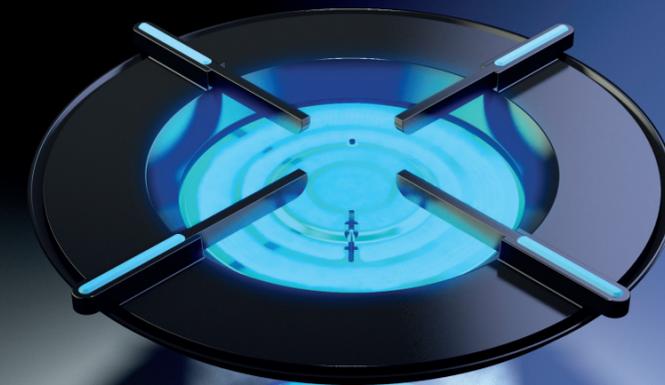
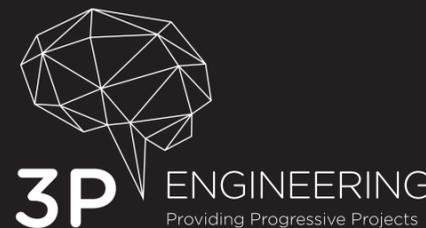
### **Discover the groundbreaking technology for gas cooking.**

Fireluft is the new pressurized premix burner technology: the maximum power of air and fire is released in an ultra-modern design, which is characterized by the halved height of the grids.

The vertical "bed of flames" with no gaps in the center, offers the most complete range of power levels in the same burner. Pots of any diameter can be accommodated on any single burner, thus providing supreme flexibility.

The cooktop-integrated blower allows for smells and vapors to be confined to the cooking area in full respect of indoor Air Quality, IAQ. The perfect choice for kitchen style professionals.

**3P Engineering srl**  
Via D'Antona, 26  
60033 Chiaravalle (AN) Italy  
T +39 071 7451535 F +39 071 9203481  
[mktg@3pengineering.it](mailto:mktg@3pengineering.it)



**A new dimension of cooking with gas**



### **An élite pressurized premix gas burner**

Based on 8 registered patents, Fireluft is IoT ready to be integrated and interact with other appliances and electronic devices. Fireluft combines the most innovative gas cooking technology with a captivating aesthetic appeal, allowing for the creation of the first generation of gas cooktops with digital native control.



*An example of gas cooktop that can be produced by choosing the Fireluft burner.*



### Digital native control

- The first gas burner to be managed by an electronic interface in touch screen



### Tecnological innovation

- Best range of flame powers: 4 burners (special, rapid, semi-rapid, auxiliary) in just one burner, up to more than 4 kW
- "Bed of flames": a central minimum flame 400 W (i.e. mocha coffee machine) with no gap in the center

### SIL 3, Safety Integrated Level: worldwide track record in the gas cooking market

- Single safety valve for each burner in addition to a general safety valve on the manufacturer's gas cooktop
- Automatic OFF, thanks to the digital cooking time setting

### Unique

- A single product code for all the burners, for simpler orders and faster warehouse management
- Automation of the assembly work for a more efficient production process

### Maximum power with pressurized premix burners

- The best range of flame power levels in the same burner: the rings of flame include all the different sizes, to modulate cooking without ever having to change burner
- Increase in efficiency: 10%
- -20% cooking time, +10% energy saving



### Maximum personalization

- The uniqueness of the hexagonal design or the charming elegance of the circular shape
- The freedom to choose the number and position of burners for the gas cooktop manufacturer



### The lowest grid on the gas market

- -50% height of grids  $\leq 20\text{mm}$
- -33% distance between pot and burner, to reduce cooking time

### IAQ Indoor Air Quality

- Air blades from each burner to prevent the spread of fumes and pollutants
- Cooktop-integrated blower to confine smells and vapors to the cooking area