



## PP Burner

The PP series of gas burners are pre-packaged, fan assisted units designed to suit virtually all industrial gas fired applications.

The PP burner utilises the well proven Comtherm PH burner head and combustion system; this ensures a stable, short flame with low emissions. The short flame produced makes the burner ideal for applications where chamber length is restricted. This burner range has been successfully applied in many industries including food, textiles, steel, plastics, paper and pulp.

The compact dimensions of the PP burner and its short flame allows the plant designer a high degree of flexibility in it's application.

All Comtherm burners are designed with ease of maintenance a top priority. All parts can be removed without unbolting the unit from the mounting flange. The rear panel on the burner can be removed, which allows easy access to the burner head, spark electrode and flame electrode.

The PP burner is simple and safe to operate. All burners are pre-fired and fully tested before leaving our works.

### Typical Applications

- Printing and Coating Lines
- Injection Moulding
- Industrial Dryers
- Air Heaters
- Box Ovens

### Duties

PP burners are available in sizes from 150kW to 2100kW

### Emissions

The burners offer clean and stable combustion with low NO<sub>x</sub> performance

### Fuels

Suitable for operation on most gaseous fuels. Only low pressures are required, typically 10mbar at the burner head

### Typical Flame Length

At maximum duty = 600mm

### Gas Supply Pressure

The units can operate on gas pressures as low as 20mbar but higher pressures can be accommodated

### Turndown

Up to 30:1



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