

PC Burner

The 'PC' series of burners are packaged units designed to suit virtually all types of industrial gas fired applications.

The packaged nature of the PC burner enables simple installation.

All units are pre-fired and tested before leaving our works.

The design of the PC burner allows the equipment designer complete flexibility in their application as they can be adapted to suit the layout of the plant.

The units are suitable for all commercially available gases and can be configured to work on low calorific fuels such as syngas and biogas.

The robustness and flexibility of the burners allows them to be used in many industries including food, automotive, aerospace, materials finishing, minerals processing and ceramic drying.

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 gas nozzle, spark electrode and flame sensor.

Typical Applications

- Pulp & Paper Dryers
- Industrial Dryers
- Industrial Ovens
- Food Ovens
- Oxidisers
- Stenters
- Lehrs
- Spray Booths
- Printing Lines
- Rotary dryers

Duties

PC burners are available in sizes from 60kW to 14000kW

Emissions

The burners offer clean and stable combustion with low NO_x performance

Fuels

Suitable for operation on most gaseous fuels.

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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