



PH & PH-C Burner

The PH and PH-C series of gas burners are designed to operate in systems where short flames and high turndown ratios are required.

The burners consist of a flange mounted, in-line combustion head which is available in Straight, T and X sections. This enables the burners to be constructed in a wide range of shapes and sizes to suit the appliance layout.

The units are modular, therefore they can be constructed to give any output capacity required. The PH burner is rated at 300kW per 300mm section whilst the PH-C is rated at 600 kW per 300mm section.

Each unit can be supplied with valves and safety controls forming a fully packaged combustion module. These modules offer simple and reliable operation with low emissions.

Typical Applications

- Printing Lines
- Ovens
- Curing Rooms
- Spray Booths
- Dryers
- Preheaters
- Lehrs

Duties

The PH and PHC burners are modular in construction.

PH = 300kW

per 300mm section

PHC = 600kW

per 300mm section.

Gas Supply Pressure

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

Typical Flame Length

PH burner = 600mm at maximum firing rate.

PHC burner = 1000mm at maximum firing rate.

Fuels

Suitable for operation on Natural gas or LPG. Special arrangements for low calorific value gasses.

Turndown

Up to 30:1



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