

PBG

Packaged Gas Burner



Features

- Direct spark ignition
- Available in three combustor styles: straight or elbow alloy tube, and refractory tile
- Choice of flame rod or UV scanner flame supervision
- Available in basic burner, menu-built, or custom engineered package
- Operates on any clean industrial gas
- NFPA compliant packages available

Benefits

- High thermal turndown
- Excellent excess air limits
- Factory pre-set for ease of start-up and operation
- Gas ratio regulator automatically compensates for varying pressures
- Low CO and NO_x emissions
- Self-cleaning fan blade reduces maintenance costs



Designed for simple installation and factory set for ease of operation, the Hauck packaged gas burner can be used for many process heating applications. With a nominal 40 to 1 thermal turndown capability, it is an ideal choice for heat processes that require rapid heat ramp rates with no temperature overshoot. The PBG has all of the necessary components for a high turndown combustion system in one assembly.

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Combustion Excellence Since 1888

PBG

PACKAGED GAS BURNER



The Hauck PBG Packaged Gas Burner is designed for a wide variety of process heating applications such as paint baking ovens, indirect heat exchangers, meat smoke-houses, paper drying systems, glass tempering, textile dryers, and many other heat processes.

Seven different model PBG burners are available with maximum capacity of 414,000 to 4,446,000 Btu/hr (121 to 1303 KW).

The PBG burner can be operated with any clean industrial fuel gas with a calorific value of 2500 Btu per cubic foot (19,070 Kcal/Nm³) or less. Cross connection of the air pressure to the gas ratio regulator allows for low excess air at high fire capacity, while use of a bypass valve around the regulator enables high excess air at low fire capacity—the result being high thermal turn-down.

For applications up to 1850 °F (1010 °C), high temperature alloy combustor tubes can be selected; a refractory tile option is also available for temperatures up to 2300 °F (1260 °C).

Each PBG is factory pre-set for ease of start-up and operation. All you have to do is *pipe, wire and fire*. As with all Hauck products, the PBG is backed by our nationally recognized service department.

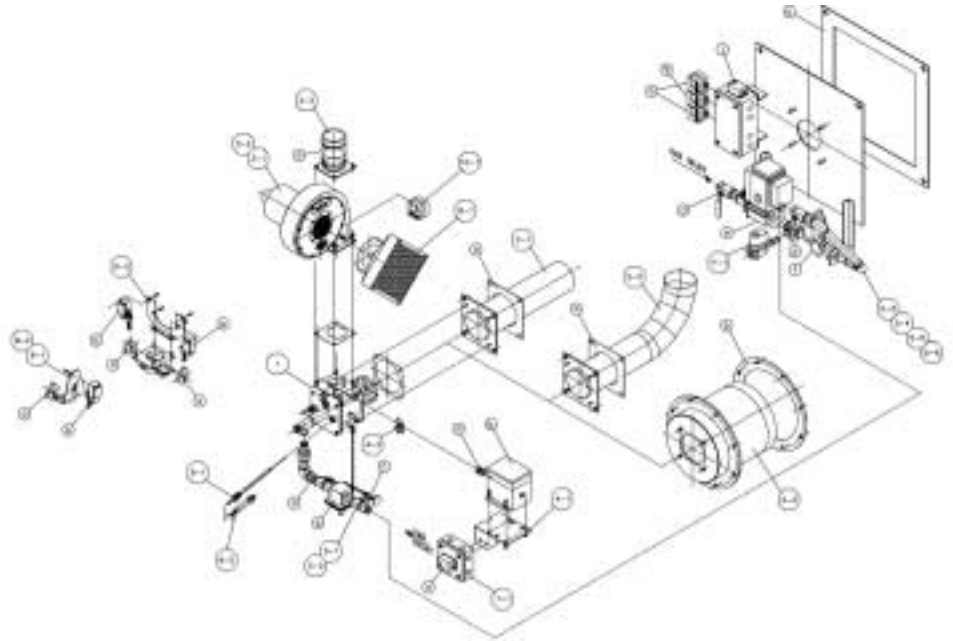
ADVANTAGES OF THE PBG

High Thermal Turndown

**Factory Pre-Set for Ease of
Start-Up and Operation**

Low Emissions

Excellent Excess Air Limits



PBG Product Configuration Options

Select from the basic burner, menu-built options, or the custom engineered package to meet your specific requirements. NFPA compliant packages are also available.