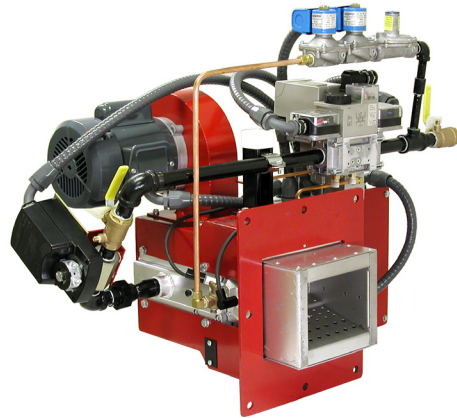


Capacity Range:
500,000 BTU/hr to 2.5 MM BTU/hr



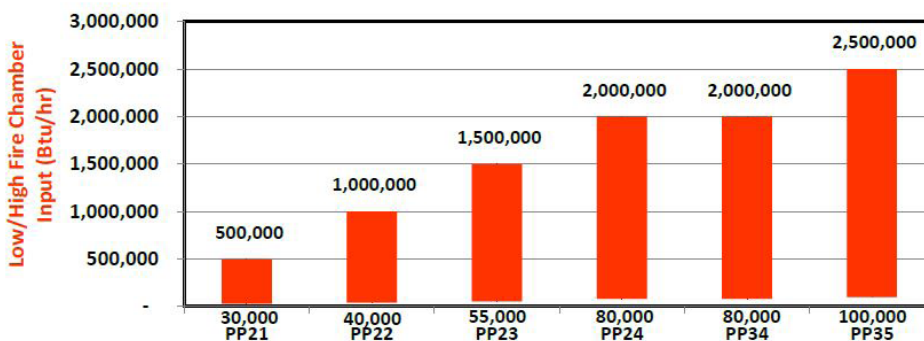
Pyronics™ PP Package Burner

Custom Packages Provide Superior Performance

Pyronics PP Package Burners are custom designed for air heating applications requiring thermal inputs of 500,000 to 2.5 MM Btu/hr. This burner provides a body similar to the PC burner with a heavy-duty, all-welded construction, but uses a rectangular, PH-style burner head for a relatively short flame. PP burner packages are typically configured with burner, blower and motor, spark ignitor, flame sensing, gas train with fuel control, and mounted control panel. Packages are pre-piped, pre-wired, and ready to fire.

Wide Range of Air Heating Applications, One Burner

For burner applications that require 500,000 to 2.5MM Btu/hr, PP Package Burners offer up to 25:1 turndown with high excess air. A PH burner package is better suited for applications requiring more than 2.5MM Btu/hr.



Applications:

- Ovens
- Air Heaters
- Textile Machines
- Paper & Pulp
- Plastic Processing
- Industrial Dryers
- Incineration
- Metal Industry
- Low Temperature Metal Finishing



Diverse Combustion Technologies. One Reliable Source.

Typical Burner Packages Include:

- Basic burner assembly includes burner, spark ignitor, flame rod, and peep sight.
- Integral combustion air blower fitted with 50 Hz or 60 Hz TEFC blower motor.
- Fuel control provided by a control motor and threaded butterfly valve offers two control options: fixed air – high/low gas, and fixed air – gas only modulation.
- Gas train includes automatic shut-off valves, air and gas pressure switches, pilot, and proof of closure, meeting the requirements of NFPA 86 & CSA for operation in North America.
- Mounted, pre-wired NEMA 12 control panel with external display Includes on-off switch, reset button, and burner run and flame failure indication lights.
- Configurations for operation in other countries are available, consult the factory.

Add-on Options

- Ultra-Violet scanner
- Temperature controller
- High temperature limit
- Main gas regulator
- Remote terminal control panel



Capacity Range:
500,000 BTU/hr
to 2.5 MM BTU/hr

Features	Benefits
Configuration of every aspect of burner system from base assembly to the full package	Configurable packages meet a wide range of oven, drying, metal processing, and air heating applications
Up to 25:1 Turndown	Process temperature uniformity Wide range of firing rates eliminating unnecessary burner shut-down and untimely restarts
Spark plug and flame sensor externally mounted	Easy access for quick and easy burner maintenance
100% tested prior to shipment	Ensures reliable start-up



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