

### **PP Packaged Burner Advantages**

- Pre-packaged, pre-piped complete assembly
- Compact size
- Can be adapted for special physical arrangements
- FM and IRI gas trains available
- Nominal thermal capacities range from 500,000 to 6,000,000 Btu/hr.
- Twelve sizes – two lineal heat rates – 1,000,000 and 2,000,000 Btu/hr per foot length of burner gas manifold.
- Turndown ratios up to 40:1 depending upon burner application and selection.
- Gas-only modulation with constant air, high-low, or on-off controls are available.
- Burner design produces a wide and relatively short flame. PP burner is ideal where chamber length is restricted. Maximum flame lengths for 1,000,000 and 2,000,000 Btu/hr per foot inputs are 28" and 40" respectively.
- Meets NFPA standards including double solenoid pilots on the pilot gas line.
- Supplied for operation on natural gas or propane. Can be supplied to operate with other gas types.
- Complete pre-wired flame safeguard.
- The electrical enclosure and all internal components are either UL Listed or UL Recognized.
- Each burner can be optionally fit with complete diagnostic equipment for instant identification of any problem for minimum downtime.
- Easy to install and maintain.
- All parts of the burner, including the gas manifold and combustion head can be removed without taking the burner off the mounting flange.
- Easy access to the gas manifold and combustion head through the rear access panel.
- Easy access to the gas nozzle, spark plug, and flame sensor.
- Air filters are available for dirty environments.
- TEFC Motor (standard) and ODP motors are available.
- Can have a continuous running blower for special applications.
- Pre-built burner packages are fully tested and the operation of all components are checked before shipment.
- Can be supplied without gas train components.

### **PP Packaged Burner Applications**

- Air Heaters
- Air Make Up Units
- Duct Heating
- Industrial Dryers
- Food Processing
- Baking Ovens
- Coffee Roasters
- Finishing and Coating Lines
- Fume Incineration
- Particulate Incineration
- Heat Treat Draw Ovens
- Plastics
- Paper/Pulp Processes
- Textile Machines