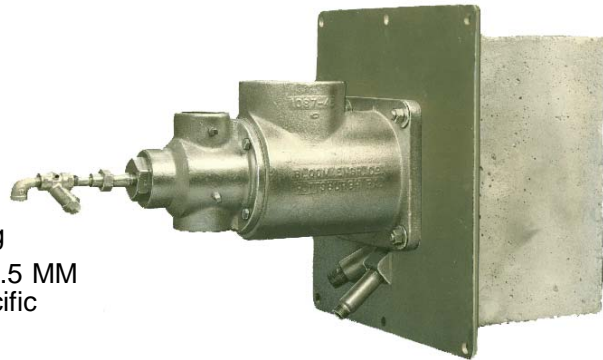


1720 SERIES COLD AIR AND 1730 HOT AIR BURNERS



CAPABILITIES

- Substoichiometric to excess air firing
- Nominal capacity range, 70,000 to 3.5 MM Btu/hour plus custom sizing for specific applications
- Provisions for flame monitoring

FEATURES

- Stable operation with substoichiometric ratio where furnace atmosphere control is critical
- Excellent mixing insures lowest oxygen residual when operating in the substoichiometric region
- Excellent mixing insures minimum CO and H₂ residuals when operating above stoichiometric ratio
- Extra rugged port block and mounting plate construction
- Custom designs available
- Low profile designs available
- Integral fuel orifices which eliminate the need for individual gas balancing or throttle valves

APPLICATIONS

- Continuous Strip Preheating
- Controlled Atmosphere Direct Fired Furnaces
- Tundish Heating and Drying
- Many Others

FUEL CAPABILITIES

- Natural Gas
- Coke Oven Gas
- LP Gas
- Low Btu Mixed Gases
- Distillate Fuel Oils

The 1720 and 1730 Series burners are primarily designed for slightly oxidizing to moderately reducing ratios and are not intended as high excess air burners. Outstanding mixing ensures atmosphere control within the furnace. Very rugged design. Custom engineering for specific applications.

The burner's excellent mixing characteristics, which produce the lowest oxygen residuals when operating below stoichiometric ratio, reduces fuel use and carbon monoxide (CO) emissions compared to other burners designed for excess fuel operation. Improved fuel efficiency and reduced CO emissions are achieved because this burner can be operated closer to ratio without detrimental oxygen residuals compared to others burners.

CAUTION: The improper use of combustion equipment can result in a condition hazardous to people and property. Users are urged to comply with National Safety Standards and/or Insurance Underwriters recommendations