

ECLIPSE HEAT-UP BURNERS

A complete, portable system for furnace heat-up applications.

The Eclipse Heat-Up Burner is a portable combustion system designed for the controlled heat-up and dry-out of refractory in a variety of furnaces, including glass furnaces. It is typically used to raise the furnace temperature from a cold start up to main burner light-off. The system is also used for slag burn-out and cleaning in furnace regenerator checkers. The Eclipse Heat-Up Burner system is available in three standard burner sizes; 3,000,000 Btu/hr. (879 kW), 6,000,000 Btu/hr. (1758 kW) and 12,000,000 Btu/hr. (3516 kW). A variety of other capacities are also available.

System Features

- The main gas and air cart includes the combustion air blower and gas and air safety systems.
- All safety interlock and controls required for monitoring and starting the burner system are included.
- Interconnecting hoses and wiring are provided for easy set up.
- All safety systems meet NFPA 86 requirements.
- The system can be designed with manual controls or with a fully automatic control system with mass flow metering of the combustion air and gas.
- The Eclipse ThermJet direct-fired burner is supplied with an extended combustor cone.

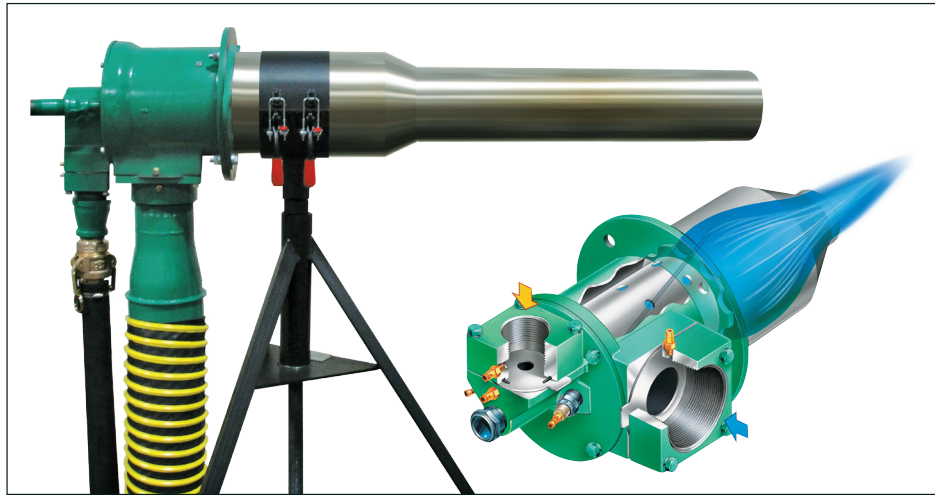


Optional Equipment

- Heavy duty burner tripods with locking wheels are available as an option.
- Combustor cones are available with straight or angled nozzles, depending on the application needs.
- Safety systems can be designed to meet wide range of specific customer requirements.

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Complete, portable combustion system for furnace applications.



Burner Section

The Heat-Up Burner system features the patented Eclipse ThermJet burner, which delivers a consistent flame at a high turndown for precisely controlled heat-up and dry-out. ThermJet provides users with simplified operation and rugged durability.



Main Gas and Air Cart

The main gas and air cart includes the gas valve train, control panel and combustion air blower to provide a complete system on a wheeled frame. Flexible gas and air lines are included for connection to the burner section.

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Innovative Thermal Solutions
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