

Eclipse ImmersoPak

ImmersoPaks are nozzle-mixing burners complete with a packaged combustion air blower. They are available in four sizes for firing immersion tubes up to 12" in diameter. The ImmersoPak burners are easy to install, simple to operate, and offer long service life in industrial environments.

Eclipse Line Burners

Eclipse Line Burners are premix, retention type burners designed for applications where heat must be distributed over a large area. They are especially suited for oven, kettle, and either recirculating or non-recirculating air heating applications. Several types of line burner sections are available, making a variety of flame patterns possible.

Eclipse Linnox

Ultra low emission line style burners. Standard configuration to 54 MM BTUH.

Consult BDC for higher capacities.

Additional Information:

Emission guarantee is available on request.

Holds GOST, RTN, SEPRO and other international product

certifications.

Factory tested.

Eclipse RatioMatic

Nozzle mix gun style burners

500 M BTUH through 30.0 MM BTUH

Eclipse SER V5

With the burner and enhanced performance recuperator coaxially mounted inside a radiant tube, the SER V5 internally transfers combustion exhaust heat back to the burner air supply in a counterflow pattern, providing high preheat temperatures.

Eclipse ThermJet

ThermJet direct fire burners feature the highest flame velocities available. The industry standard for velocity burners, the low NOx ThermJet represents a technological leap forward in every area of design and performance. Integrated gas and air orifices simplify burner piping, set-up and adjustment.

Eclipse ThermJet PCA

The ThermJet produces an intense stream of hot gases to thoroughly penetrate the load and deliver precise temperature uniformity for consistent product quality and system efficiency. The ThermJet offers the convenience of multi-fuel capability with no nozzle change. Plus, you can use any control methodology...pulse firing, excess air or stoichiometric.

All ThermJet components have been pre-engineered to come together to meet your specific requirements. You choose the capacity range, combustor type, fuel type, thread type and flame sensing components you need to do the job.

Eclipse Winnox Burner

Low NOx (<20 ppm)

500 M BTUH through 12.0 MM BTUH

Hauck Direct Drive Turbo

Blower TBA Series

The Hauck Direct Drive Turbo Blower is available in six pressure ranges from 12-36 osig (5.2 – 15.5 kPa) and 63 different sizes ranging from 240 to 13,000 scfm (6.4 – 348 nm³ / min) for providing large or small volumes of air at constant pressures. The Turbo Blower is designed to supply air for combustion or for any low pressure air application. Some features include: integral molded scroll design, turbine bladed impeller, steel inlet guard, precisely balanced impellers that eliminate vibration, more abrasion resistant than steel blower housing, and a complete line of available accessories for adapting to any piping condition or operational requirement.

Additional Information:

TBA blowers can be used on any application requiring low pressure air, such as: aerating, cooling, cleaning, conveying, fluidizing, exhausting, spraying, drying, ventilating and agitating. The larger units provide both the increased capacity needed for larger furnaces as well as the higher pressures necessary for recuperation and flame shaping. Maximum inlet temperature is 200° F (93° C).

Hauck EcoStar

The EcoStar series burner is capable of employing variable frequency drive technology for precise air flow control over its entire operating range. Item #25-50

Hauck Kromschröder

The MegaStar rotary dryer burner was designed with the customer in mind. It is easy to light, reliable and efficient. It supports a wide variety of liquid and gaseous fuels offering flexibility for optimizing fuel costs. The MegaStar is available in sizes ranging from a nominal 50 to 150 MM Btu/hr (14,650 to 43,960 kW) and the standard design can be applied to applications up to 1500°F (815°C). Custom lengths are also available for warm-mix applications.

Additional Information:

- Ideal for sand drying applications.
- Standard and long nose versions available.
- Emissions of NO_x, CO and VOCs are minimized with proven and effective technologies.

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Hauck NovaStar

Utilizing the latest patented lean burn premix technologies, the NovaStar offers design and performance advantages with service accessibility and ease of installation. Available in various sizes the NovaStar is ready to meet your production needs. Item #NS-75 – NS-100

Hauck StarJet

The StarJet continues Hauck's long-standing reputation for providing efficient and durable burners for the asphalt industry. The burner is designed to recirculate the hot gases, providing flame stability over its wide operating range. Item #SJ075 – SJ980

Hauck TBAB Belt Drive Turbo Blower

The Hauck Fiberglass Turbo Blowers are the product of quality engineering and rugged construction. The precision turbine type impeller and molded involute scroll combine to produce the highest efficiencies available today. This, of course, means lowest operating costs. The heavy rugged construction used throughout the TBAB series assures you years of trouble-free service. The TBAB Turbo Blower now offers a wide range of pressure & cfm. Pressures 7 to 40 psig and cfm from 90 to 90,000 assures positive selection of the proper blower size for your specific requirements.

Honeywell 7800 Series

The Honeywell 7800 Series combines enhanced safety, comprehensive diagnostics, communication and networking capabilities into one compact and affordable microcomputer burner control. It can do just about anything and everything you would like it to do.