Honeywell
THE POWER OF **CONNECTED**

ECLIPSE RATIOAIR BURNERS

High Performance Burners for Process Air Heating

Designed for application versatility and simplicity of operation.

The Honeywell Eclipse RatioAir is a premium air heating burner ideally suited for applications that require:

- A velocity burner with integral packaged blower.
- High excess air and ratio control.
- Use of unusual fuels (e.g. low Btu fuels).
- High chamber temperatures (up to 2500˚F - 1370˚C).
- Confined firing chambers.

Available with three different outlet tube velocity characteristics (standard, medium and high velocity), RatioAir burners are capable of flame speeds of up to 500 feet per second. This results in improved temperature uniformity, product quality and system efficiency. A ratio regulator automatically compensates for changes in operating conditions and assures ratio controlled operation over a turndown range in excess of 50:1. A direct drive air butterfly eliminates linkages which can slip or jam during operation.

Easy to install, operate and maintain

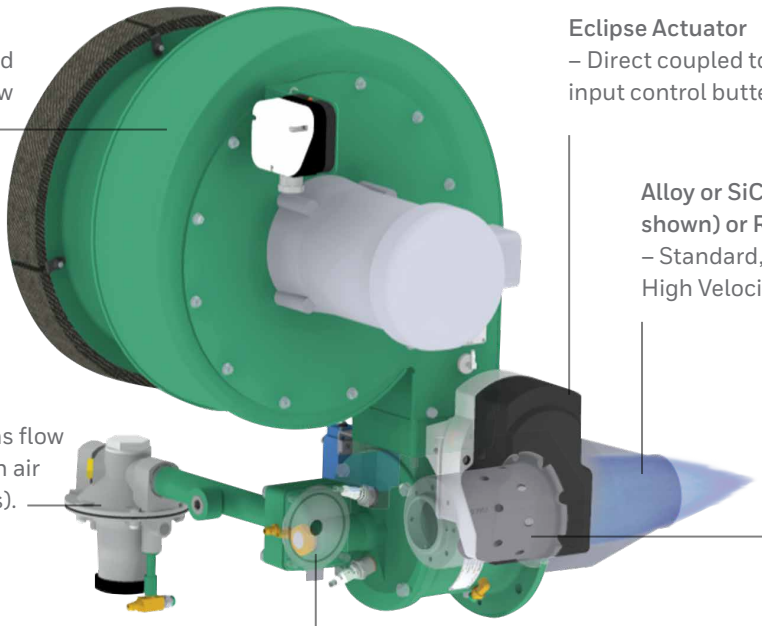
- Standard nozzles burn natural gas, propane, butane and unusual fuels.
- Right or left hand piping. NPT or BSP inlet pipe threads.
- Direct spark ignition.
- Can be disassembled from the rear without entering the firing chamber.
- Quick change spark and flame rods; optional quick-change air filter.

Field proven capabilities

Applications successfully fired by RatioAir burners include:

- Glass Lehrs
- Indirect Fired Air Heaters
- RTO Incinerators
- After Burners
- Tempering Furnaces
- Water Bath Vaporizers

Setting new standards in versatility and flexibility for the process air heating market



HeatPak Packaging Option

All RatioAir burners are available with the exclusive HeatPak packaging option. We match the gas train and electronic components to ensure optimal performance, maximum efficiency and the cleanest possible operation. Trilogy T420 Flame Safeguard controls with valve proof of closure and a metal NEMA 12 enclosure are included as standard equipment. The customer simply connects a regulated gas supply and electricity and the RatioAir is ready for operation.

For more information

The Honeywell Thermal Solutions family of products includes Honeywell Combustion Controls, Honeywell Combustion Safety, Honeywell Combustion Service, Eclipse, Exothermics, Hauck, Kromschröder and Maxon. To learn more about our products, visit ThermalSolutions.honeywell.com or contact your Honeywell Sales Engineer.

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We reserve the right to make technical modifications in the interests of progress.

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