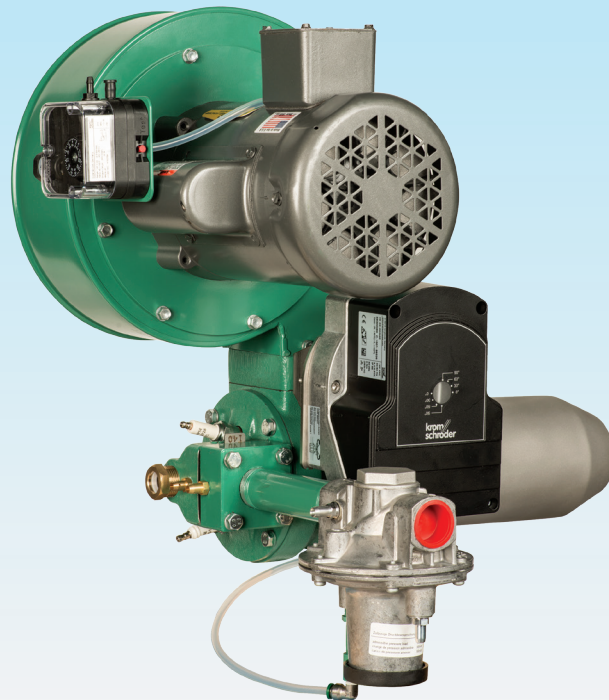


Eclipse RatioAir burners

Product brochure · US
7 Edition 09.15



ECLIPSE[®]

- Velocity burner with an integral packaged blower
- Ratio regulator control compensates for changes in operating conditions
- Multi-fuel capability (natural gas, propane, butane) without changing the nozzle
- Permits the use of low BTU fuels
- Burner can be disassembled from the rear
- Quick change spark and flame rods; optional quick change air filter
- Capacity range is 71-5280 kW (266-20000 kBTU/h)
- Up to 50:1 turndown
- Direct spark ignition
- Alloy, ceramic and refractory block combustor options
- Right or left hand piping. NPT or BSP inlet pipe threads

Applications

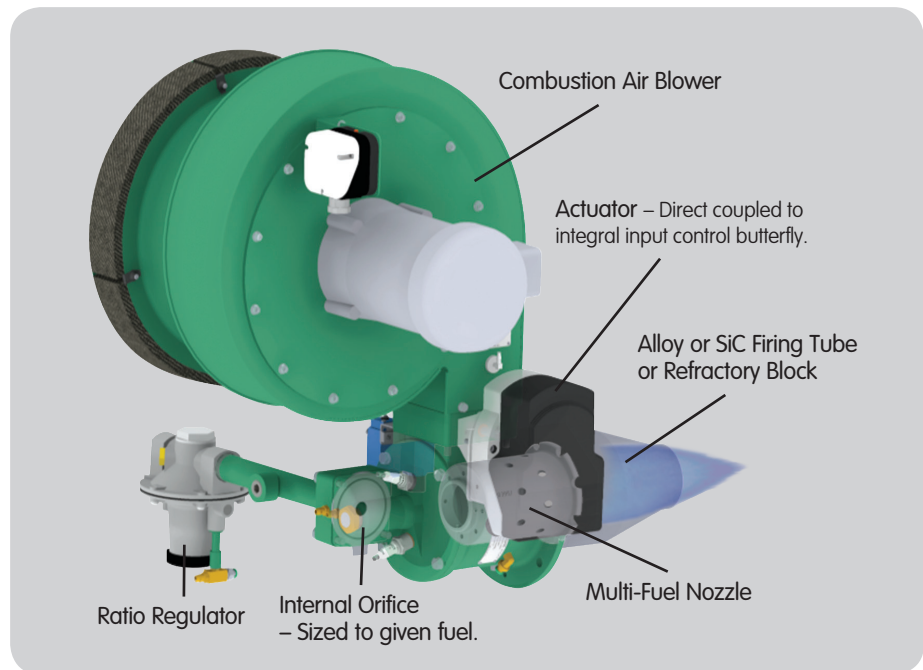
The Eclipse RatioAir is a premium air heating burner ideally suited for applications that require a velocity burner with an integrated packaged blower and ratio control.

Available with three different outlet tube velocity characteristics (standard, medium and high velocity), RatioAir burners are capable of flame speeds of up to 150 m/s (500 ft/s). 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.

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



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