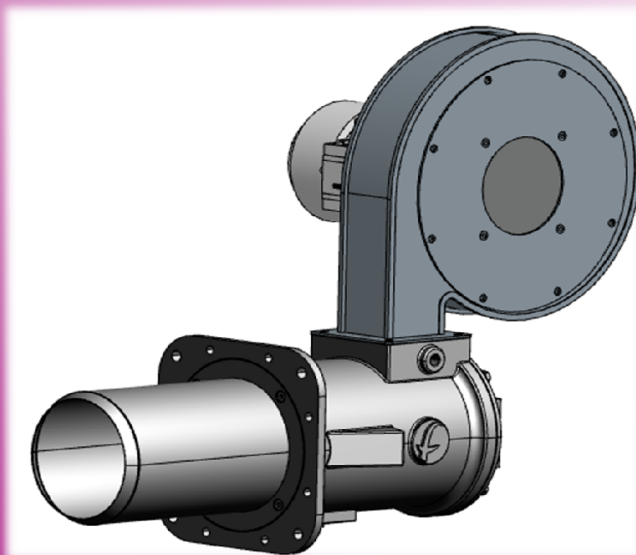


High on ratio Turn Down / Compact design / Reduced commissioning time

ITAS Dryflame burners are typically used in direct- or indirect-fired Hot Gas Generator applications requiring reduced installation time by using packaged, pre-tested burner units. The packages include the burner, combustion air fan, gas train, controls and all necessary safeguarding to ignite and control safe burner operations.

Testing prior to shipment guarantees flawless burner operations and performance.

Dryflame burners are designed and developed with a highly advanced air/fuel ratio system to guarantee a very high on ratio turn down. Ovens and dryers, with regular standby operation mode due to product changes or process setting, require such parameters. Controlling the air and gas flow to the burner increases overall combustion and system efficiency. Flame supervision by UV scanner or flame rod.



Features:

- Air and Gas controlled
- High turndown
- Increased efficiency
- Compact design
- Reliable performance
- Easy servicing
- Packaged design, reduced commissioning time

Technical specification:

- Capacity: 125 up to 500 kW (lhv)
- Turn down: up to 20: 1
- Fuel: Natural Gas, LPG and others on request
- Process air: Upstream up to 400 °C (O₂ >0%) /
Downstream: up to 900 °C
- Excess Air level: 20 %

Typical Industries and applications:

- Food & Feed: Drying of ingredients, baking
- Aluminium: Aging, homogenizing
- Glass (cold end): Lehrs, tempering and annealing lines
- Automotive: Paint Drying / Curing
- Ceramics: Drying
- Textile: Drying, Coating
- Printing Industry: Drying after printing