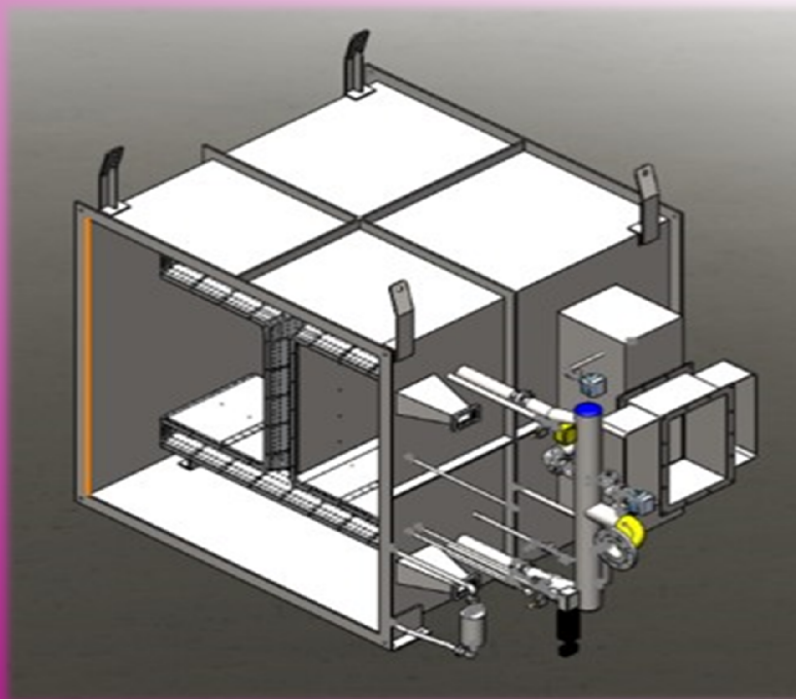


High Turn Down / Nozzle mixing / Low Emission

ITAS Ductflame burners are typically used in Hot Air Generator applications where air flows are varying in quantity, back pressure, Oxygen content, humidity and temperature. ITAS Ductflame burners are of the modular design, offering “endless” combination possibilities to configure burners with capacities ranging from 100 kW to 30 MW.

Ductflame burners and ducts are designed to result in optimum temperature uniformity in the outgoing air flow. Due to the nozzle mix design, emissions are low.



Features:

- Gas control only. Large airflows
- Improved temperature uniformity
- Flexible modular design
- Reliable performance
- High Flame Stability under any process condition
- In duct or flanged mounting
- Fresh air or recirculation systems

Technical specification:

- Capacity: 120 to 30.000 kW (lhw)
- Turn down: 20 : 1
- Fuel: Natural Gas, LPG, Biogas. Others on request
- Process air: Upstream up to 400 °C (O₂ >0%) /
Downstream up to 800 °C
- Combustion air: Up to 200 °C
- Excess Air level: 45 – 55 %

Typical Industries and applications:

- Food & Feed: Drying of ingredients, baking
- Paper Industry: Yankee Hoods
- Cement & Minerals: Drying input material
- Gypsum Industry: Board drying, Calcination
- Printing Industry: Drying after printing
- Automotive: Paint Drying
- Ceramics: Drying
- Textile: Drying / Coating
- Space heating: Air make up units