

INDUSTRIAL BURNERS

ECOSTAR FORCED DRAUGHT PROCESS GAS BURNER

Ecostar Forced Draught Process gas burners are monoblock body design for high temperature applications which is applicable for furnaces with the advantage of H2 ready.

AREA OF APPLICATIONS

- Negative and positive back pressured combustion chambers,
- Directly heated in drying systems,
- Hot air generation or process gas heating,
- Food, paper, pulp and plastic processing,
- Paper drying,
- Metal industry,
- Textile machines,
- Low temperature metal finishing, etc.

SPECIFICATIONS

- Lower space and installation work with integrated combustion air fan,
- Thermal capacities from 200 kW up to 2000 kW,
- Natural gas, LPG, mixed fuel with NG and H2(20% by volume) operations,
- Electronic modulation ratio up to 10:1,
- Combustion air and fuel adjustment with servo motors,
- High thermal energy efficiency,
- Direct ignition and ionization electrodes,
- Environment friendly Low NOx and CO emissions,
- Eco friendly via decarbonization applications,
- Easy installation and maintenance,
- Optional pilot ignition and flame detection with photocell (Uv flame scanner),
- Optional O2 and CO combustion control integration,
- Optional BMS or software connection for PLC control,
- Optional flame tube length.

