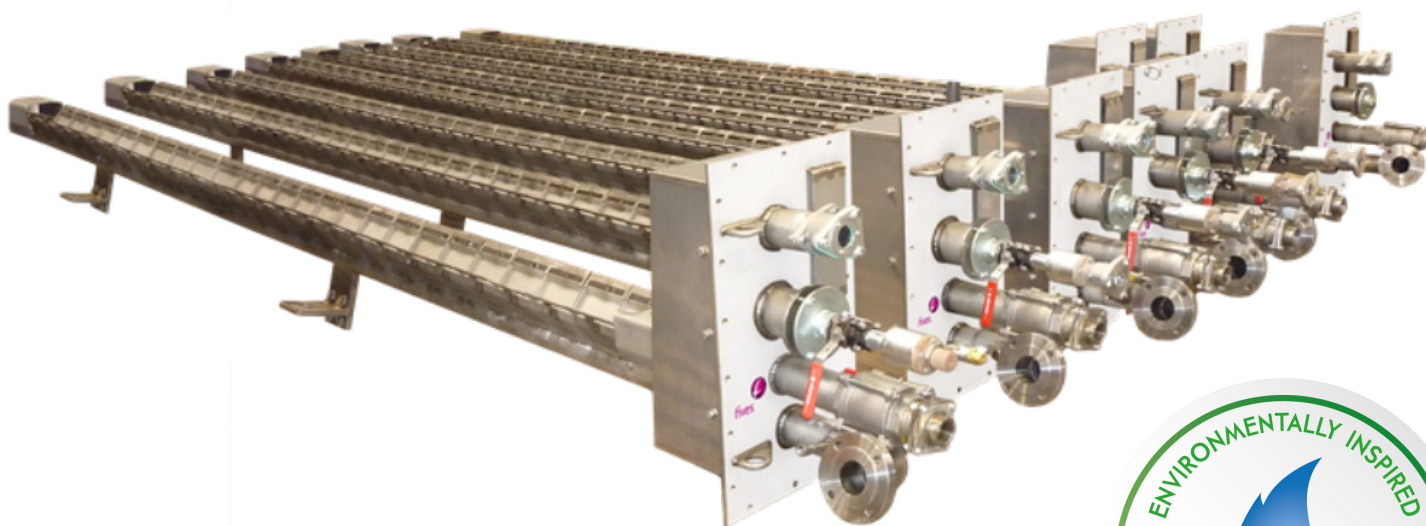


Pillard INDUCTFLAM® L

Gasduct grid burners



The most reliable gas fired grid burner for HSRG

- For Heat Recovery Steam Generators in fresh air or turbine exhaust mode
- Induct and /or interbank positioning
- Stable flame, easy switch-over for TEG/FA operation, high turndown, low pressure drop
- Very low emission with latest generation of gas turbines (low O₂ content ue gases)
- Even temperature prole thanks to CFD simulation

Pillard INDUCTFLAM® L burner ensures ultimate performances and better temperature profile when firing gaseous fuel in turbine exhaust gas or fresh air mode

The latest generation of gas turbines works sometimes with very low O₂ content (9% to 12% O₂, 400 to 650°C). Pillard INDUCTFLAM® L is a fuel gas red burner for turbine exhaust gases (TEG) designed especially for these type of installation.



A COMPACT AND HIGH DUTY GRID BURNER DESIGN

- Very low gases velocity required, no baffles in duct
- Short flames (<3.5m) even with low oxygen and high duty
- Very low upstream O₂ acceptable without augmenting air
- Soot-free combustion, low NO_x/CO/dust emissions in compliance with European Norms and Regulations
- High turndown ratio: 10 to 1 (30 to 1 for special applications)
- High flame stability
- Even flue gases temperature downstream burner
- Reduced flame length
- Sturdy construction, for high induct temperatures and thermal shocks proof
- Low maintenance
- Easy installation-readily insulated, ange connections onto the duct
- Safe, complying with European and IS Standards/ NFPA design



Over **300** references of Pillard INDUCTFLAM® L burners worldwide. List available on demand.

Key features	
Fuels	Any natural gas, LPG, refinery fuel gas with H ₂ , low LCV gases (biogas)
Combustive mixture	Upstream TEG O ₂ and temperature ranges from 9 to 12.5% O ₂ , 500 to 650°C or fresh air
Range	25 to 500MW
Pressure drop	5 to 10daPa depending on site conditions

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