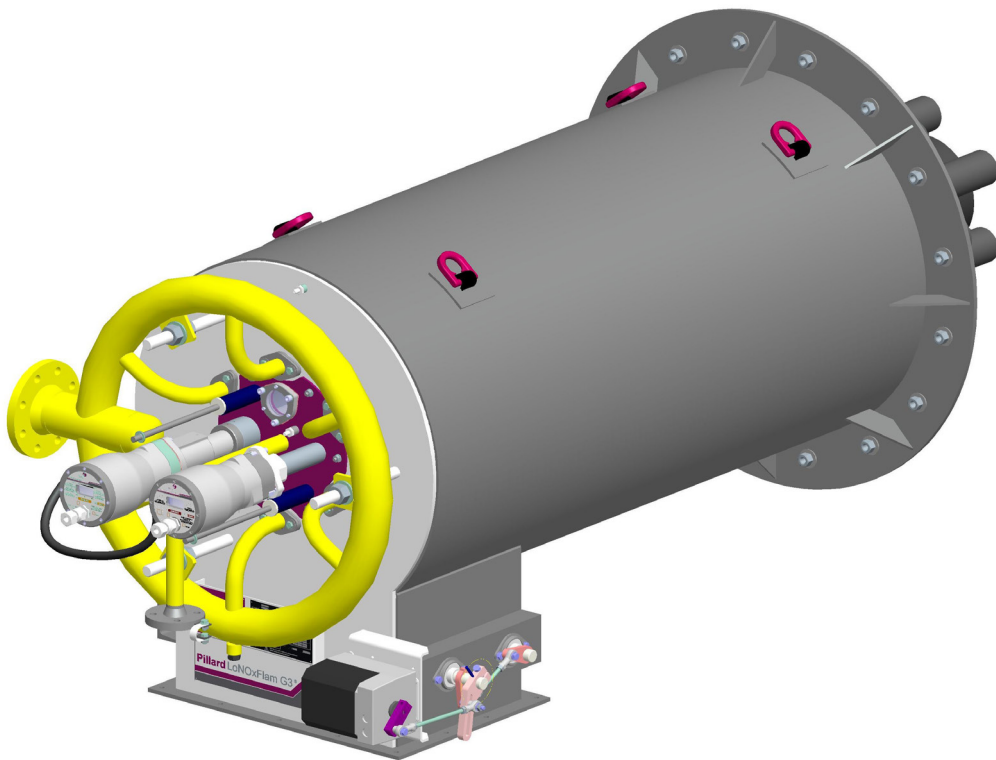


Pillard LONoxFLAM[®] G3 Gas Burners



Best Available Technique (according European standard) ensuring the lowest NO_x emissions in fire tube boilers

- Reduced No_x and CO emissions (2010/75/UE Compliant in NG and DO firing)
- High thermal operation efficiency (very low excess air)

- Fired all types of fuels: liquids (DO, HFO), gaseous (NG, biogas, hydrogen, process gases)
- No refractory quarl needed

The Pillard LONoxFLAM® G3 burner is a remodeling of Pillard worldwide recognized GRC burner dedicated to fire tubes boilers

Pillard LONoxFLAM® G3 has very low NOx properties for fuel gas (50 - 90mg/Nm3 - 3% O₂ dry), enabling between 50 and 75% NOx emissions reduction in heating plants, sugar plants, utility boilers for fire tube boilers.



ULTIMATE AND PROVEN TECHNOLOGY

The patented Pillard LONoxFLAM® technology is based on internal Flue Gas Recirculation (FGR). It is described as the Best Available Technique (BAT) by the European Commission.

EASY TO OPERATE

The burner's swirl and impulse are set according to the choice of combustion head which allows the flame shape to fit any furnace whilst maintaining a stable flame and a very low excess.

OPTIMIZED UPTIME RATE

Thanks to its ultimate design including no moving parts, the burner provides a high level of availability, ensuring safe operations and keeping the uptime rate as its best level.

Many references of Pillard LONoxFLAM® G3 burners worldwide. List available on demand.

Key features	
Range of heat release	4 to 30 MW per burner
Turn down ratio	1 to 6 or more (on demand)
Fitting	Delivered in a package version: with individual air damper and wind box
Combustion air temperature	Up to 200°C
Burner pressure drop	250 to 350 DaPa
Excess air	≤ 10% at MCR
Fuels	Natural Gas, LPG, biogas, refinery gas, syngas, process gas up to 80% H ₂ , CO, diesel oil
Fitting	Delivered in a package version: with individual air damper and wind box

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CONTACT

fpi.sales@fivesgroup.com
T +33 (0)4 91 80 90 21

Fives Pillard
Marseille - France
www.fivesgroup.com



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