

INTRODUCING

HELOX Low NOx Burner

Power Flame is proud to unveil the HELOX™ Burner, our latest innovation in energy-efficient, Low NOx combustion technology, available in sizes from 90 – 800 BHP. Designed to meet the growing demand for cleaner energy solutions, the HELOX achieves natural gas emissions of < 30 ppm NOx and <50 ppm CO while firing as low as 3% O2 without the need for flue gas recirculation (FGR).

The HELOX Burner features an emissions turndown of 6:1 and a fuel turndown of 10:1 for both gas and oil. It utilizes an adjustable iris within the burner assembly and is equipped with fuel auto-changeover between gas and liquid without requiring disassembly or downtime.

The burner also uses a staged firing design that incorporates premix and fuel-rich zones, ensuring optimal combustion and reduced environmental impact. The liquid fuel nozzle is designed to operate using low pressure atomization (< 3 PSIG) powered by quiet regenerative blowers, eliminating the need for noisy high-pressure compressors.

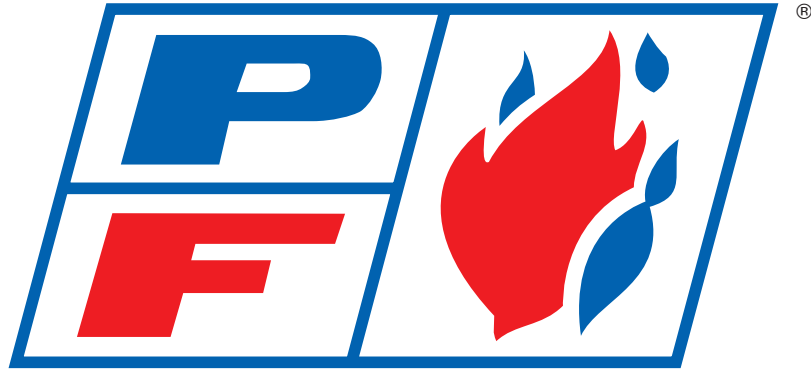
FEATURES

- Fuel: liquid & gaseous fuels
- 90 - 800 BHP
- < 30 ppm NOx as low as 3% O2*
- Non FGR Low NOx burner
- 6:1 emissions turndown
- 10:1 fuel turndown gas and oil
- Auto-change-over between gas and liquid fuel

*Combustion air 60F and 50% RH, Natural Gas 1,000 BTU/Ft3, 0.6 Specific Gravity

CALL US: 620-421-0480
VISIT: WWW.POWERFLAME.COM
EMAIL: CSD@ASTECINDUSTRIES.COM

POWER FLAME INCORPORATED
2001 S. 21ST ST. PARSONS, KS 67357
FOLLOW US:    



Power Flame Inc.®

AN ASTEC INDUSTRIES COMPANY

CALL US: 620-421-0480
VISIT: WWW.POWERFLAME.COM
EMAIL: CSD@ASTECINDUSTRIES.COM

POWER FLAME INCORPORATED
2001 S. 21ST ST. PARSONS, KS 67357
FOLLOW US:    

