



GALAXY

ULTRA-LOW NO_x COMBUSTION SYSTEM

Ultra-Low NO_x without FGR

The Galaxy is based on the “lean premix combustion” principle, eliminating the need for FGR (flue gas recirculation). The high excess air leads to a small drop in boiler efficiency, while reducing electrical consumption up to 60%.

No Need for Air Filters:

Based on the latest technological breakthrough in combustion engineering, the Galaxy does not operate with metal fiber mesh technology (i.e. surface combustion), which is sensitive to particulates and fibers in the air. Cleaning and replacing air filters could be a significant cost for end users. The Galaxy does not need an air filter.

High Turndown:

The Galaxy employs an anti-flashback mechanism to give it at least 6:1 turndown. A typical metal fiber mesh burner has a turndown of 3:1.

Gas / Oil Dual Firing:

There is no need to change the burner head in order to fire oil. When backup oil firing is required, switchover to oil can be automatic.

Burner Longevity:

Metal fiber mesh heads associated with surface combustion tend to fail due to overheating. The Galaxy burner utilizes high quality stainless steel construction to ensure longevity of burner heads.

