NovaStar
Ultra Low NOx Burner for Aggregate Drying

Ultra low NOx emissions of that meet most stringent air quality standards without FGR or water injection on natural gas and vaporized propane

Precise air flow control via VFD and low horsepower design offers significant energy savings

Compact modular design suitable for stationary or portable plants

Standard and long-nose variations available to suit all drum types

Advanced construction for ease of installation and maintenance

Sealed-in design for ultra quiet operation and maximum fuel efficiency

* For California Markets

Emissions less than 4.3 ppm NOx and 42 ppm CO (19% O2)
compliant with San Joaquin Air Quality District standards, Rule 4309

Emissions less than 36 ppm NOx and 400 ppm CO (3% O2)
compliant with South Coast Air Quality District standards

www.hauckburner.com
Utilizing the latest patented lean burn premix technologies, the NovaStar offers design and performance advantages with service accessibility and ease of installation.

Available in various sizes the NovaStar is ready to meet your production needs and even the most stringent air quality standards with ultra low nitrogen oxide (NOx) emissions on gaseous fuels without the added expense of flue gas recirculation (FGR) technology. (For California markets, see notation on page 1.)

The NovaStar employs variable frequency drive (VFD) technology for precise air flow control over its entire operating range. Combining precise air flow control with real-time fuel flow measurement results in maximum efficiency and cost savings. The use of this VFD technology offers energy savings via reduced electricity consumption as illustrated in the adjoining chart.

The burner can be easily operated and effectively managed with PLC-based control provided by Hauck's BCS products.

The burner produces a compact flame making it suitable for all drum sizes and types. This further reduces emissions by completing all combustion within the short combustion zone eliminating flame quenching from process materials.

For additional information on this product, visit our website at:

www.hauckburner.com

Hauck Manufacturing Company
POB 90
Lebanon, PA  17042

+1 717-272-3051
+1 717-273-9882
info@hauckburner.com

Copyright © 2013 Elster Group