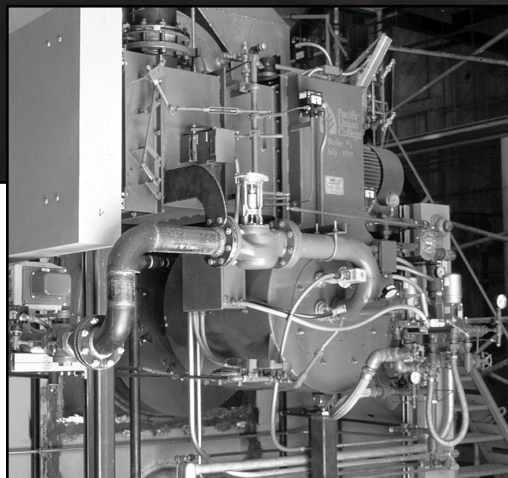
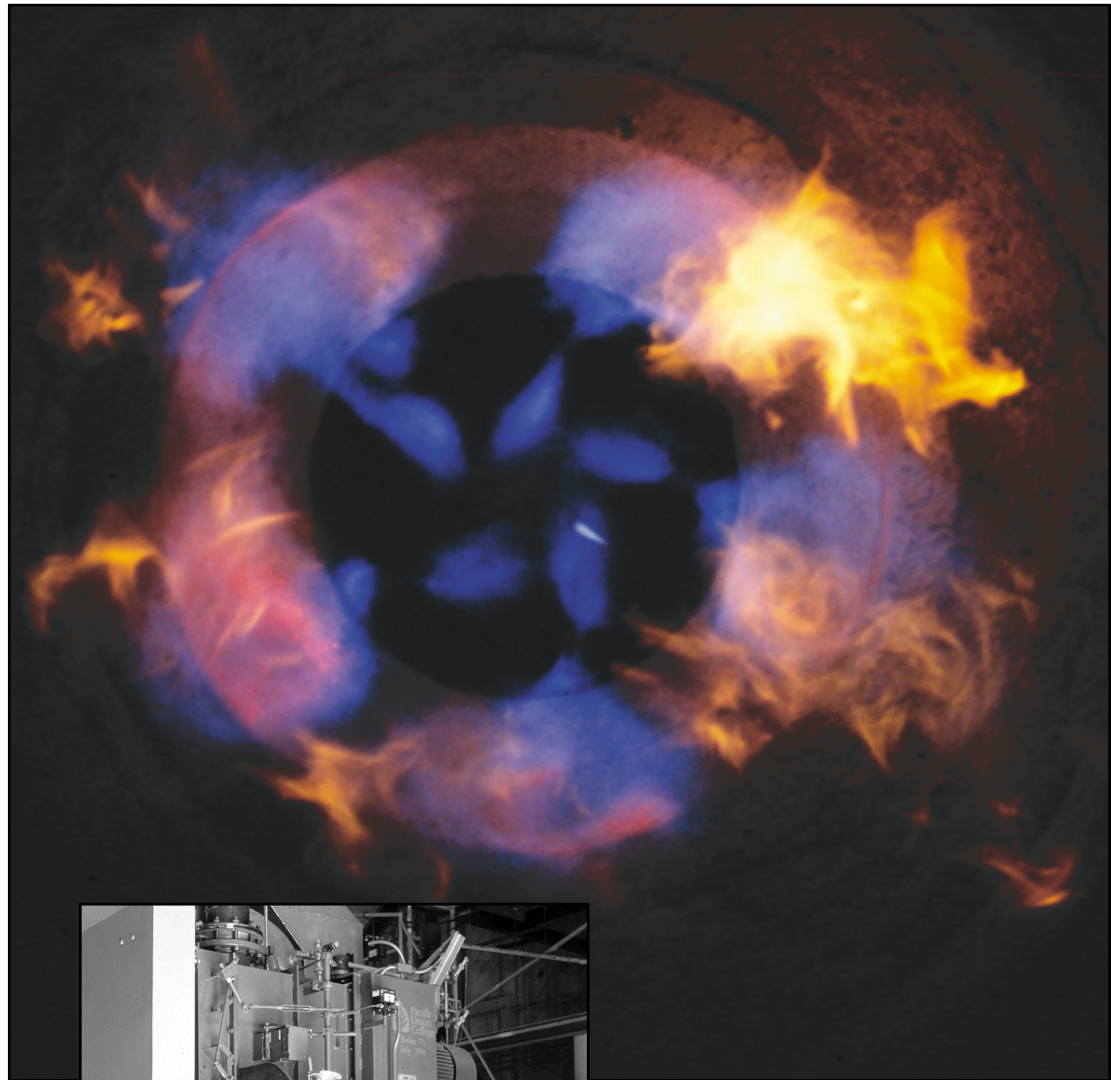


# The New Coen Micro-NOx

## COEN



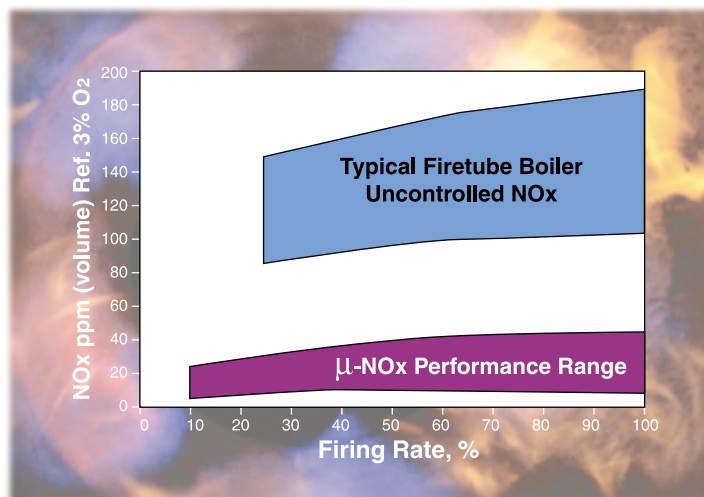
**THE COST-EFFECTIVE  
SOLUTION FOR  
FIRETUBE &  
INDUSTRIAL BURNER  
APPLICATIONS**

# Performance

## FOR TODAY'S TOUGH APPLICATIONS — THE NEW MICRO-NOx SOLUTION

Coen's New Micro-NOx burner is specifically designed for today's tough firetube and small industrial watertube boiler applications. Since its introduction in the 1980s, the original Micro-NOx burner "set the curve" by exceeding all state and local air pollution emission requirements. Coen Company continually improved the Micro-NOx burner in anticipation of EPA mandates down to state and local levels for progressively lower NOx emission limits. Now, the new Micro-NOx burner is designed to meet all your NOx emission requirements well into the next century.

The Micro-NOx burner is a rugged and reliable burner proven in over 400 installations on various types of boilers, process heaters and incinerators throughout the world. If you need fast track delivery and reliability is a high priority, compare Coen's new Micro-NOx. For the right solution to a tough application...consider the new Coen Micro-NOx burner.



### Performance

Customers look to Coen first for superior performance. Coen's new Micro-NOx burner will meet all emission requirements of 25-30 ppm NOx comfortably with proven NOx emissions below 20 ppm. This is accomplished over a wide turndown range using minimal levels of flue gas recirculation without compromising efficiency. The new Micro-NOx performs at lower excess air levels than other burners, thus improving overall boiler efficiencies.

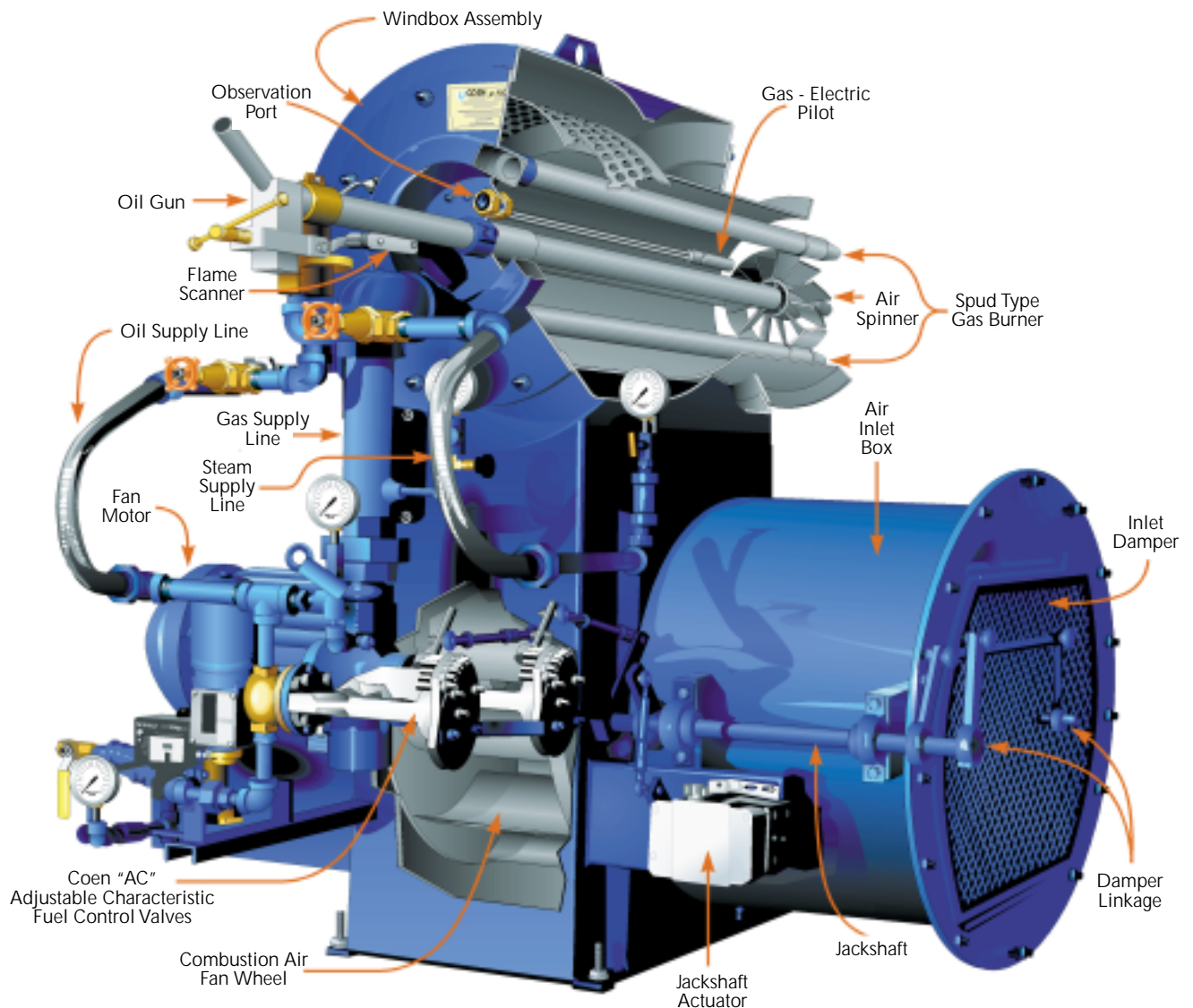


## NEW MICRO-NOx DESIGN

### Simple, tough and durable

Coen asked you what you needed in a burner. You asked for a burner with even lower emissions, one that is simple, durable, easy to install and is delivered at a lower cost. We listened to you! The new Coen Micro-NOx burner incorporates a new standardized design that meets today's regulations, maintains Coen's tradition of quality, is easy to install and does it all at a lower price. Take a look at the graphic below. This is a new and improved design for small industrial burner applications. Simple, tough and durable. The new Micro-NOx will comply with the latest emission regulations, yet will cost less to operate and maintain.

If you haven't considered Coen in the past because your application didn't require an industrial quality burner to meet your tough emission limits...reconsider! It's time to take a second look at the new Micro-NOx burner. Coen can provide you with a cost-effective solution to all your combustion requirements.

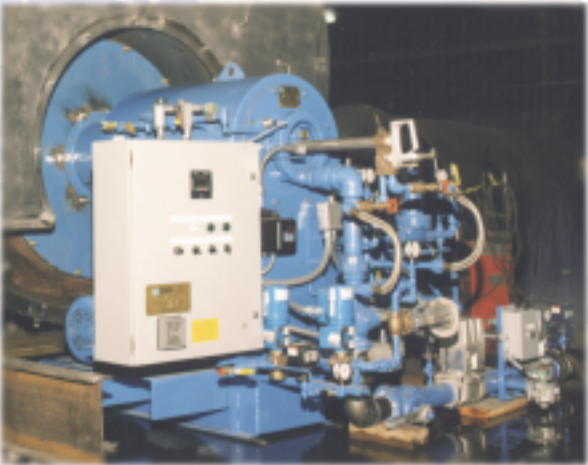




# COEN QUALITY CONSTRUCTION

You'll never regret specifying a Coen Micro-NOx burner for your boiler, process furnace or fired heater. The new Micro-NOx burner is built to meet the same specifications that drive the full line of Coen products. The new Micro-NOx is designed and manufactured for rugged industrial applications. Each burner is inspected to ensure it meets your requirements and meets the high standards set by Coen Company. Coen's manufacturing facility in Woodland, California, takes pride in every unit it ships. Every burner gets the same high level of craftsmanship that customers have come to expect from Coen.

- Meets lowest emission requirements.
- Emission results are guaranteed.
- Lowest flue gas recirculation levels to meet emissions.
- Minimum start up time.
- Standard Nema 1 with options for Nema 12/4.
- Underwriters Laboratories listing available.
- Regional factory service available.
- Long-term, dependable, safe operation.
- "Fast Track" delivery available.
- Professional field sales force available to help with your requirements.
- Easy installation.



## Superior Boiler Hutchinson, Kansas

BURNER:	New Coen Micro-NOx Low NOx Burner
BOILER:	Superior Seminole, 3-pass Firetube
CAPACITY:	600 HP
TURNDOWN:	10:1
EMISSIONS:	< 20 ppm NOx; CO: 0

## Rohm & Haas Philadelphia, Pennsylvania

BURNER:	Coen Micro-NOx
BOILER:	Johnston 509 Series, 4-pass Firetube
CAPACITY:	1200 HP
FUELS:	Gas & #6 Oil
EMISSIONS:	Met 0.35 lb/mmBTU on #6 Oil



## Portland International Airport Portland, Oregon

BURNER:	Coen Micro-NOx
BOILER:	Keeler Watertube
CAPACITY:	18,000 pph
FUELS:	Gas & #2 Oil
EMISSIONS:	22 ppm NOx and 21 ppm CO



## Pacific Union College Anguin, California

BURNER:	Coen Micro-NOx
BOILER:	Erie City Watertube
CAPACITY:	20,000 pph
FUELS:	Gas & #2 Oil
EMISSIONS:	Met all required California emission requirements of 30 ppm NOx and 400 ppm.

## GETTING STARTED

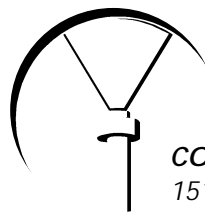


A call to a Coen Rep is all it takes to get started. Your Rep will get all the information about your installation requirements, then work with Coen application engineers to determine just what you need — no more and no less. Both Coen Company and their Sales Reps want you to be fully satisfied with your combustion equipment. They are ready to work with you to meet your specifications for a dependable, rugged and cost-effective solution for your combustion application.



## THE NEW COEN MICRO-NOx

- 300 to 2000 HP
- "Fast Track" Delivery Available
- Worldwide Coen Service Support
- Most Parts Stocked for Immediate Shipment
- Professional Field Sales Representatives
- U.L. Listing Available



For more information about the New Micro-NOx low NOx burner contact:

**COEN Company, Inc.**

1510 Tanforan Ave. • Woodland, CA • 95776

(916) 661-6127 • FAX: (916) 668-2171

<http://www.coen.com>