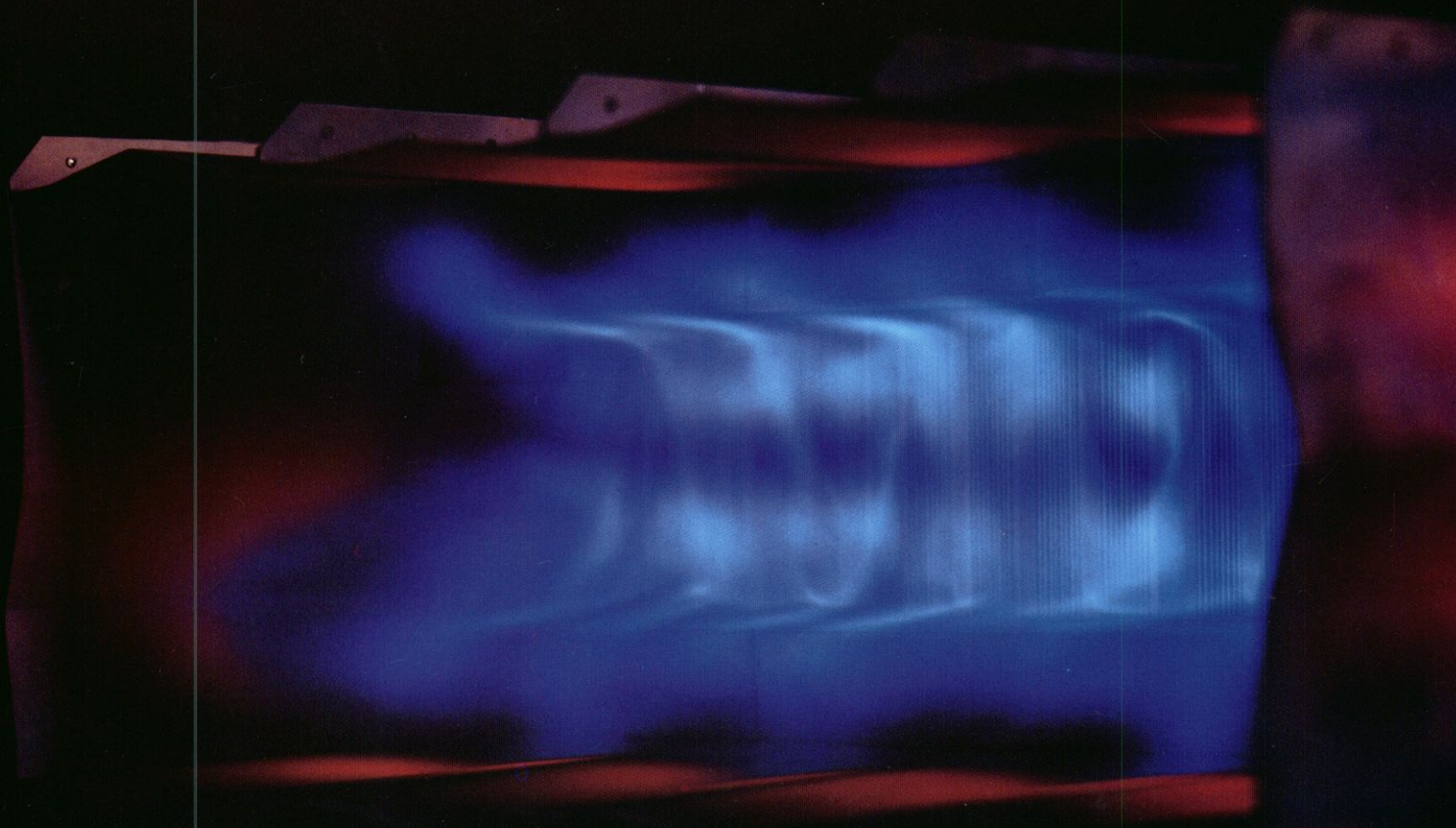


*Innovative Combustion Solutions Worldwide*

# MINNOX BURNERS

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***LOW-EMISSION  
AIR HEATING BURNER SYSTEMS***



***Eclipse Combustion***



# NOW! THE LOWEST NO<sub>x</sub> AND CO EMISSIONS HEATING SYSTEM – GUARANTEED



Eclipse Minnox\* gas burner systems can emit less than 5 ppm

## Only Minnox delivers the heating process you prefer with the emissions quality you need.

Now you can use direct-fired air heating to efficiently process food products, malt, auto finishes, lumber, paper, and other products without worrying about achieving your air quality goals no matter where you are located.

- Minnox far exceeds all emission standards for NO<sub>x</sub> and CO worldwide. The fact is that Minnox is so advanced, the standards may never catch up to it!
- Minnox's status as an engineering breakthrough has been acknowledged by winning the internationally respected DSM Environmental Technology Award. As for safety, every Minnox System meets or exceeds all applicable codes and regulations.
- Minnox is not only a practical, environmentally correct investment for today, it's also a smart, cost-effective business investment for tomorrow.\*\*

\* Patent pending.

\*\* In the U.S., installation of a Minnox System may allow your company to receive valuable emissions credits saleable to other companies in your area.

## How does Minnox do it?

The patented Minnox burner design utilizes a premixed gas/air mixture with excess air. This results in a cooler flame temperature (2200° F; 1200° C) and produces an extremely low NO<sub>x</sub> discharge from the burner head. In addition, the burner's unique design creates a recirculating flame geometry, which acts to significantly reduce CO emissions. You not only meet outside emission standards, you also create a safer, more environmentally welcome workplace within the plant.

## No-penalty performance.

Before Minnox, achieving acceptable product quality many times forced you to use less efficient indirect heating. And with conventional direct-fired systems, great care must be taken with many products to avoid discoloration or taste contamination.

With a Minnox direct heating system there's no performance penalty. It does what you want, how you want. And you get the results you want.

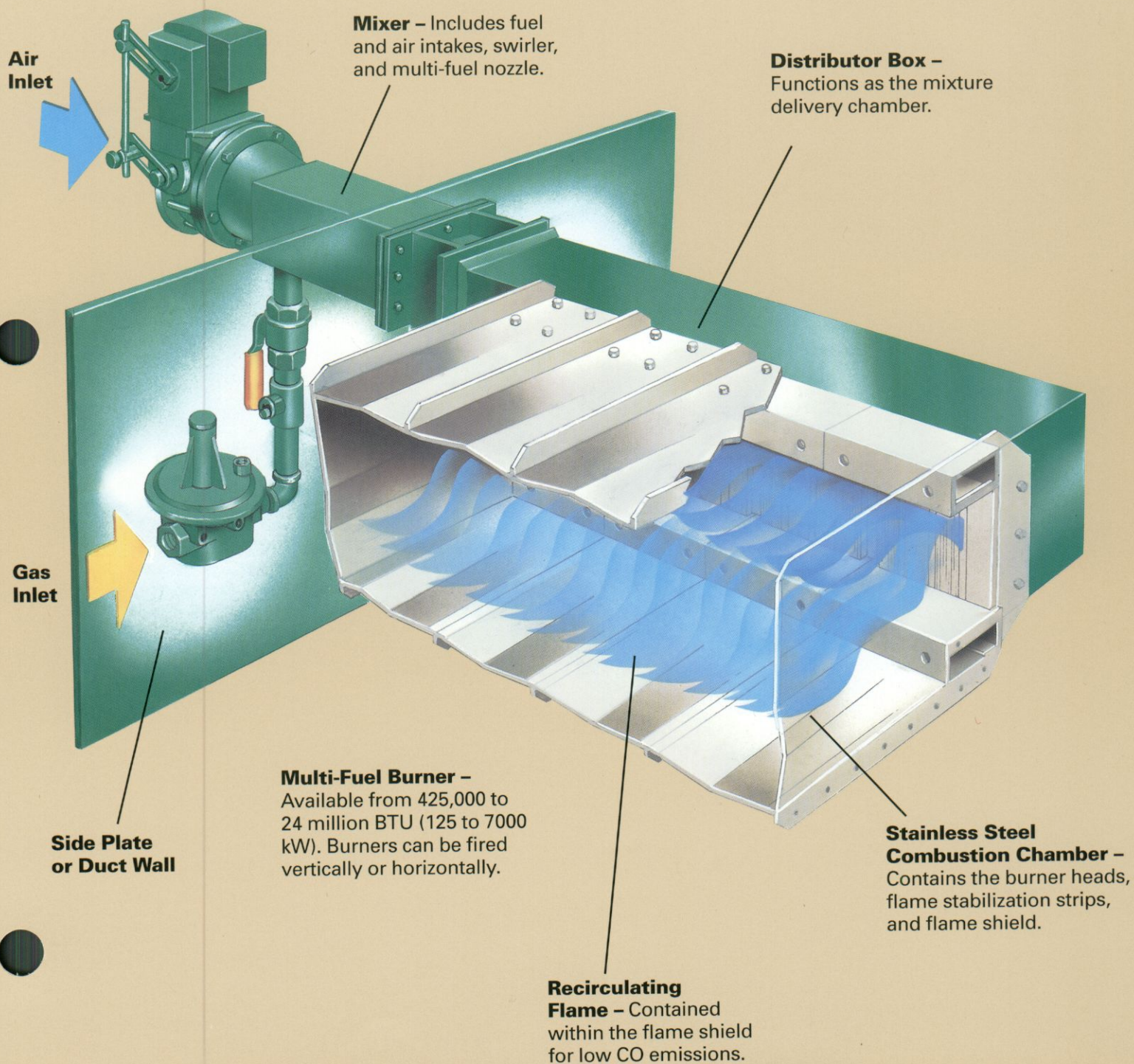
## Engineered like no other heating system in the world.

Minnox Systems are custom engineered to meet your specific production and installation requirements. They are typically supplied as packaged units with the burner, mixer, and supply manifold mounted into a duct section or as a sideplate for insertion into existing process ductwork.

Eclipse provides a total turnkey service that assures you get the perfect system, proper installation and start-up, and continued peak performance.

# EVER FROM A DIRECT-FIRED

NOx and less than 10 ppm CO (at 3% O<sub>2</sub>) under certain conditions.





**Offered By:**

Power Equipment Company  
2011 Williamsburg Road  
Richmond, Virginia 23231  
Phone (804) 236-3800  
Fax (804) 236-3882

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[www.peconet.com](http://www.peconet.com)