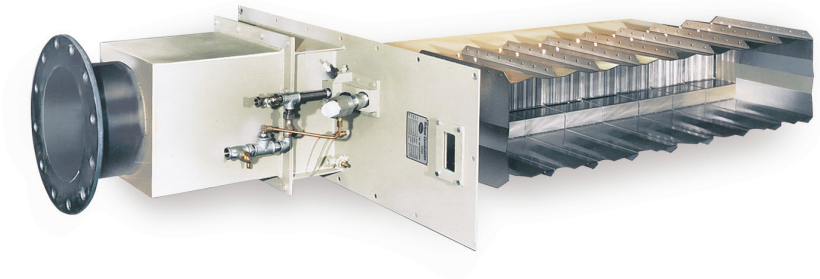
Bulletin 158C
2/01

ECLIPSE MINNOX BURNERS

World Class Low Emission Air Heating Burner Systems

Now the world's best direct-fired heating system delivers lower emissions.

Patented Eclipse Minnox gas burner systems guarantee emissions less than 5 ppm NO_X and less than 30 ppm CO @ 3% O2.



And, even lower emissions can be achieved under certain conditions! Yes, now you can use efficient direct-fired air heating to safely process food products, malt, auto finishes, lumber, paper and other products—with no performance penalty—while holding the line on emissions regardless of your location …anywhere in the world.

- Minnox exceeds all state, regional, national and international emission standards for NO_X and CO.

In the United States, installation of a Minnox system may allow your company to receive valuable emissions credits which you can sell to other companies in your area.

- Widely recognized as an engineering breakthrough, Minnox received the coveted DSM Environmental Technology Award.
- Minnox is also a marvel of simplicity and safety, meeting or exceeding all international codes and regulations.

An engineering triumph

The patented Minnox burner design utilizes a premixed gas/air mixture with excess air. The result is a cooler flame (2200° F; 1200° C) which produces an extremely low NO_X discharge. What's more, a recirculating flame geometry acts to significantly reduce CO emissions. Not only is the air outside your plant cleaned up…so is the air inside to create a safer and healthier workplace.

Consider these additional user benefits:

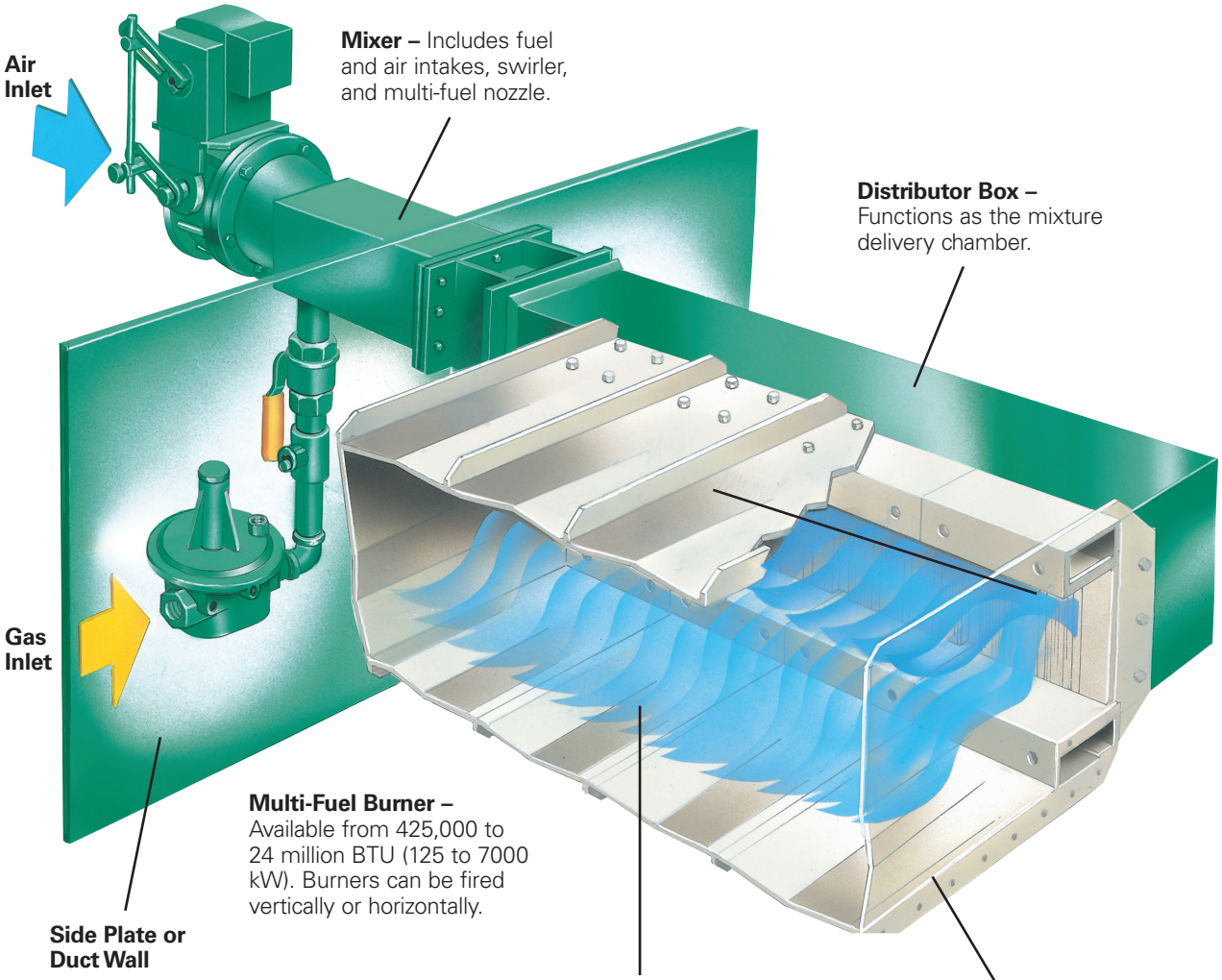
- Allows you to use direct heat—as opposed to less efficient indirect heating—with no performance penalty. Product discoloration or taste contamination often associated with traditional direct heating systems are a thing of the past.
- All Minnox systems are custom engineered to meet your specific production and installation requirements.
- Packaged convenience. Minnox systems are typically supplied with the burner, mixer and supply manifold mounted into a duct section or as a side plate for insertion into existing process ductwork.

Consider the many environmentally responsible and user-friendly advantages of Minnox before investing in your next direct air heating burner or system.

ECLIPSE®
Innovative Thermal Solutions

Minnox Burners

Unmatched performance with exceptionally low emissions.



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Litho in USA