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 NOx 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.

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.

Type:	Premix
Number of Sizes:	Modular
Capacity Range:	90,000 - 2,725,000 (Btu/hr/LF) 87 - 2620 (kW/m)
Turndown:	10:1
Max. Process Temperature:	1470°F, 800°C
Fuels:	Natural Gas, Propane
Typical Applications:	Food Processing Malting Paint Finishing Pulp and Paper Direct Fired food drying Low Emission applications
Key Attributes:	Lowest NOx in class. 2 - 10ppm NOx emissions.