



Intelligent design, smart operation

Gordon-Piatt® burners are the premier choice for die-hard performance and exceptional reliability in commercial and industrial applications.

The **Model Z** burner provides economical low-NO_x performance using low excess air levels and no FGR in most applications. Ultra-low-NO_x levels can be met with the use of FGR in most applications. The integral fan housing simplifies installation, minimizes space requirements, and reduces start-up time. The **Model Z** burner is ideal for firetube, cast iron, firebox, vertical, or watertube boilers, as well as a variety of other applications.

Gordon-Piatt burners – for the long run

As an exclusive **brand** of John Zink Company, LLC, Gordon-Piatt brand products are developed, tested and manufactured with precision engineering and sophisticated controls. Our engineers design burner products that work for retrofit as well as replacement applications, which means customers are assured the Gordon-Piatt burners they choose today will perform safely and reliably far into the future.

Ask about our legendary service and support team, world-class manufacturing, and dedicated research and development – all of which keep Gordon-Piatt products built for the long run.



**The
Power
To
Burn.**

Gordon-Piatt®

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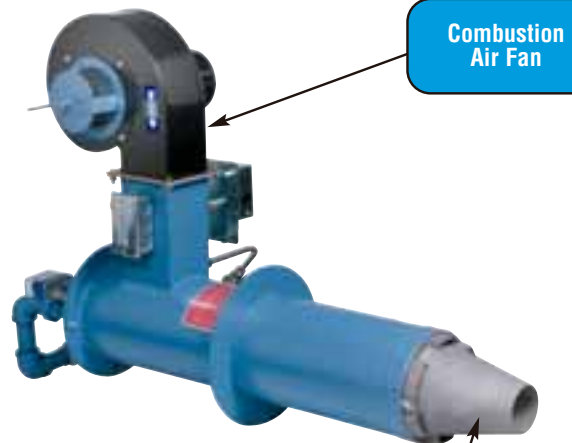
Model Z PATENTED*

Low-NO_x High Performance Burner for Gas-Firing Boilers

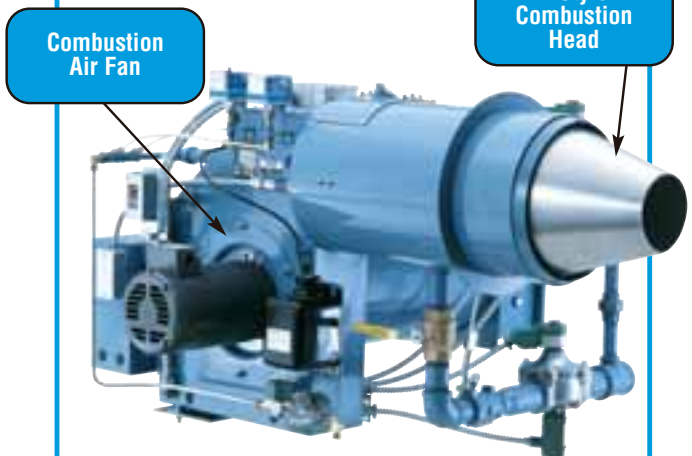
Features

- A variety of control systems available, including on-off, low-fire start, low-high-low and modulation.
- Patented design reduces both prompt and thermal NO_x for low emissions.
- Compact, stable flame is ideal for firetube, cast iron, firebox, vertical, and watertube boilers.

Model GZ



Model SZ



*Covered by one or more of the following U.S. Patent Numbers 6565361, 4932274, 5441404, 5722821, 5944506, 5957682.

Standard Equipment

General

- Blower motor and fan
- Air inlet louver box
- Airflow safety switch

Control Cabinet

- Combustion flame safeguard control
- Indicator lights and control switch
- Motor starter with overload protection
- Raised terminal strip for easy service and accessibility

Gas Control

- Safety test cock
- Flame detector
- Automatic gas valves

Optional Equipment

- Linkage-less control system
- Induced FGR controls

All Gordon-Piatt burners are factory-wired and assembled.

FGR line from stack to burner is not included and must be supplied by others, if required.

Frontplates and refractories available to adapt burner to boiler or other appliance.



ISO 9001:2000 CERTIFIED

John Zink Company has earned the international quality standard ISO 9001:2000 certification for its overall quality management system from Lloyd's Register.



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Low-NO_x High Performance Burner for Gas-Firing Boilers

Capacities

Model Z

- 400,000 – 5,250,000 Btu/hr
- 9.5 to 125 boiler horsepower

A wide range of sizes is available for maximum efficiency and performance.

Typical Installations

Applications

- Firetube boilers
- Vertical boilers
- Cast iron boilers
- Watertube boilers
- Firebox boilers

Emissions

- Less than 30 ppm NO_x without FGR on most applications
- Less than 12 ppm NO_x with FGR on most applications

Fuels Burned

Gases

- Natural

Underwriters Laboratories Inc.
Listed to U.S. and Canadian safety standards



IRI, FM, CSD-1, NFPA, and other agency requirements upon request.

For complete engineering data contact your Gordon-Piatt products distributor.