



#### FEATURES & BENEFITS

- Suitable for gas-, oil-, and coal-fired utility burners
- Capacity range: 1 to 30 mmBTU/hr
- NFPA Class 1, 2 or 3 operation
- No augmenting or cooling air required
- Non-retractable, low maintenance
- High-energy spark system:  
12 Joule per spark, 10 sparks per second
- Rugged, proven design
- Reliable light-off
- Stable flame

## Fyr-Bolt<sup>™</sup> Igniter Systems

*Ignition Energy for Any Boiler,  
Any Burner, Any Fuel.*

#### FYR-BOLT<sup>™</sup> GAS IGNITERS

Coen's world-class line of **Fyr-Bolt** gas igniters delivers reliable light-off and excellent flame stability without the need for augmenting or cooling air. **Fyr-Bolt** igniters have no moving parts to wear out, making them a low-maintenance assembly. Equipped with fixed-position high-energy spark systems, **Fyr-Bolt** igniters provide reliable ignition and long life, with minimal maintenance.

With several sizes to meet your ignition capacity needs, the **Fyr-Bolt** line of igniters can be used as interrupted, intermittent or continuous ignition devices. Whether you choose to monitor the ignition flame with our optional integral flame rod, or utilize an optical flame scanner such as the COEN<sup>®</sup> *iScan2*<sup>™</sup>, the **Fyr-Bolt** igniters provide a large ignition flame that is easily detected and will reliably ignite your main fuel. **Fyr-Bolt** igniters are engineered for reliable operation in high-velocity and low-velocity air zones, and the igniters provide a low profile through the burner to minimize airflow obstructions.



Fyr-Bolt 3™ Igniter Assembly

## Fyr-Bolt™ Igniter Systems

### COEN'S RANGE OF IGNITER PRODUCTS

**Fyr-Bolt** igniters are part of Coen's extensive range of gas and oil products for burners on all types of utility boilers, including: wall-fired, tangential-fired, cyclone and turbo boilers. Partial and complete igniter retrofits are available to provide the most economic solution for any application.

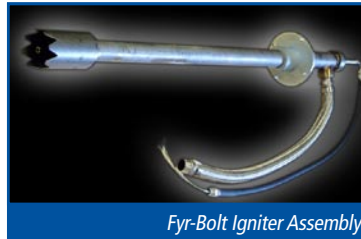
Coen Company offers a complete selection of high-performance auxiliary combustion products and technologies for the utility industry. With thousands of proven installations in a wide variety of applications, our reliable igniters, warm-up guns, and flame scanners are engineered for any type of utility boiler application.



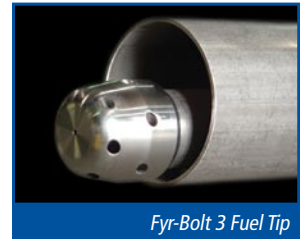
Fyr-Bolt Igniter for a T-fired Boiler



Fyr-Bolt 2 Igniter Head

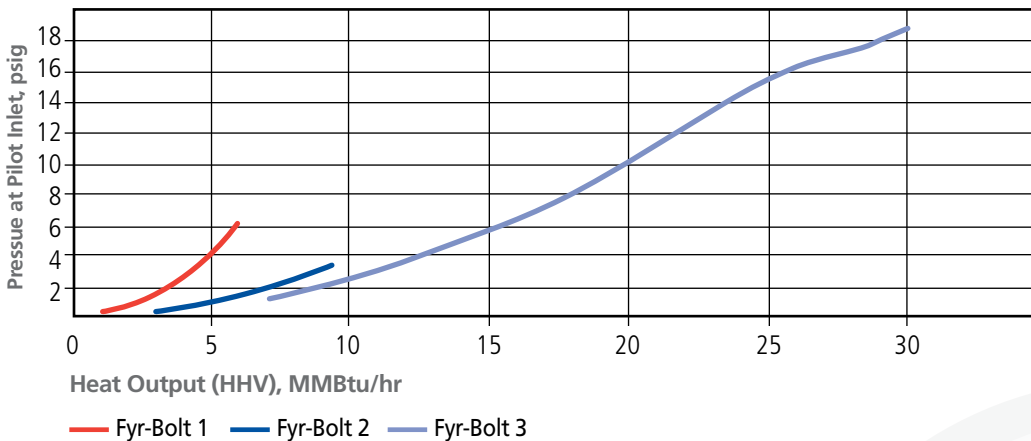


Fyr-Bolt Igniter Assembly



Fyr-Bolt 3 Fuel Tip

### COEN FYR-BOLT™ IGNITER CAPACITY Natural Gas Fuel



**Contact your Coen representative**  
about Fyr-Bolt Igniter Systems or any of  
Coen's other outstanding products.



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