

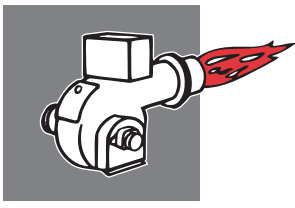
# WEBSTER™

## BURNER PRODUCT GUIDE

*Leading  
The Way  
in Efficiency,  
Reliability  
& Safety*



*The Leader in Combustion Innovation*



# WEBSTER™

**ENGINEERING & MANUFACTURING CO., INC.**

**For almost a century, the Webster name has stood for high quality gas and oil burners for a wide variety of commercial and industrial applications. These include steam and hot water boilers, air heaters, dryers, kilns, incinerators and many other combustion applications.**

**Today, our strong emphasis on quality, safety, efficiency, research and continuous improvement assures our customers the most reliable, technically advanced combustion equipment. It is with this strong foundation and commitment to the future, we dedicate our organization to being The Leader In Combustion Innovation.**

INPUT RANGE BTU/HR X 1000.....10,000 - 200,000  
BOILER HORSEPOWER.....250 - 2,500  
FUELS:.....NATURAL, LP, #2 THROUGH #6 OILS  
.....DIGESTER AND WASTE GASES  
OIL ATOMIZATION: .....PRESSURE/AIR/STEAM

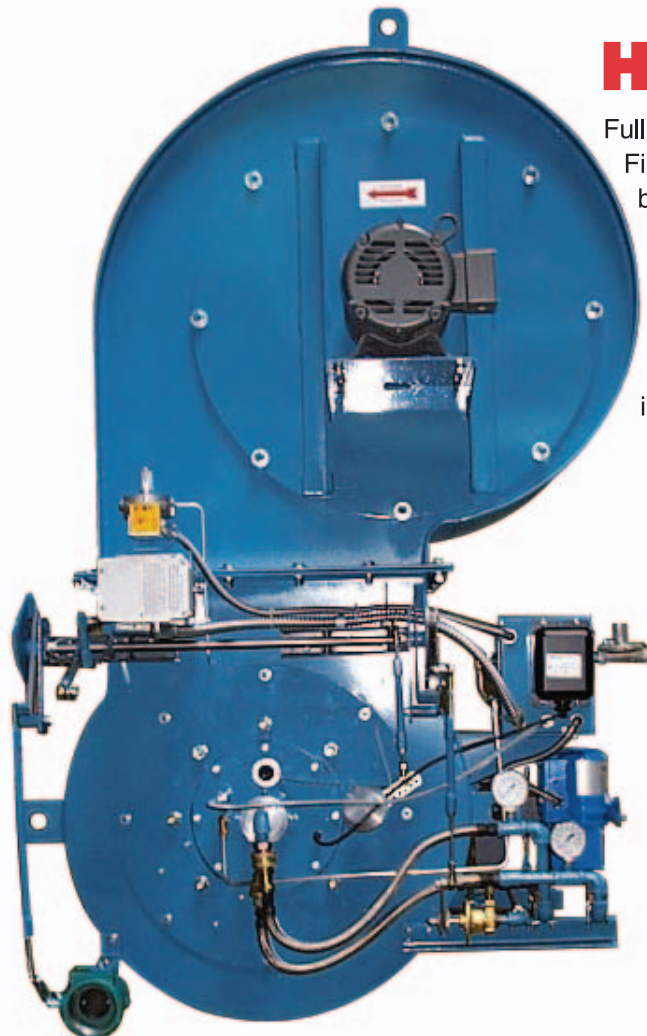
## WW SPITFIRE



INPUT RANGE BTU/HR X 1000.....50 - 400  
BOILER HORSEPOWER.....1.2 - 9.5  
FUELS:.....# 2 OIL, NATURAL GAS, LP  
UL/CSA LISTED

## WW Series

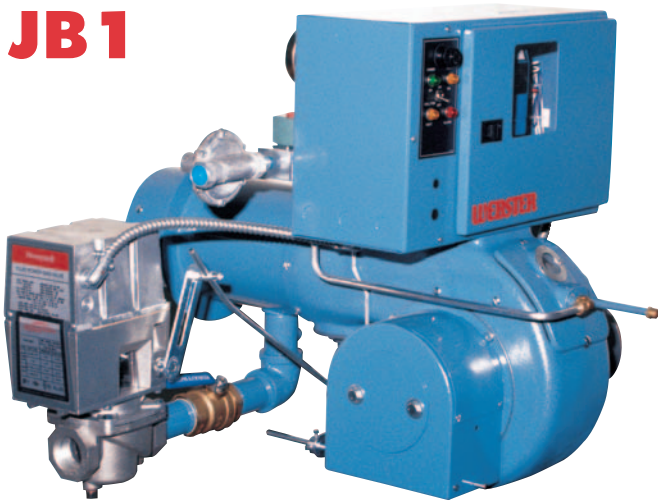
SpitFire burners are the Webster answer to Cost Efficiency in small HP burners.



## HDR-RF

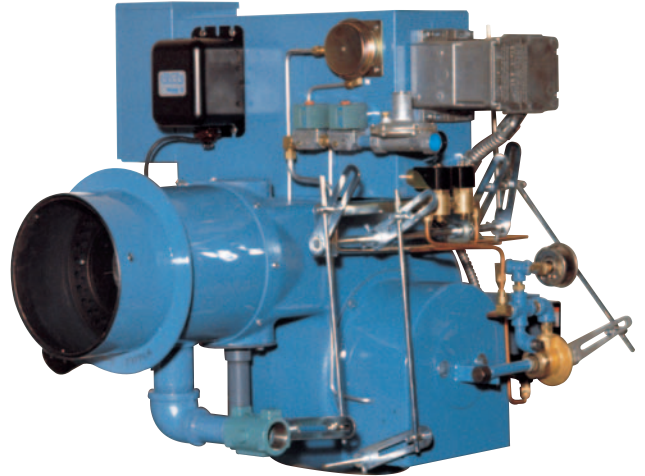
Full register burner for both Firetube and Watertube boiler applications. Provides high turndown and flame shaping to fit different furnace configurations. Offers flexible mounting styles including remote fan.

# JB1



**INPUT RANGE BTU/HR X 1000**.....400 - 2,500  
**BOILER HORSEPOWER**.....10 - 60  
**FUELS:** .....NATURAL, LP, #2 FUEL OIL  
 .....MANUFACTURED GAS  
**OIL ATOMIZATION:** .....PRESSURE  
 UL/ULC LISTED

# JB2



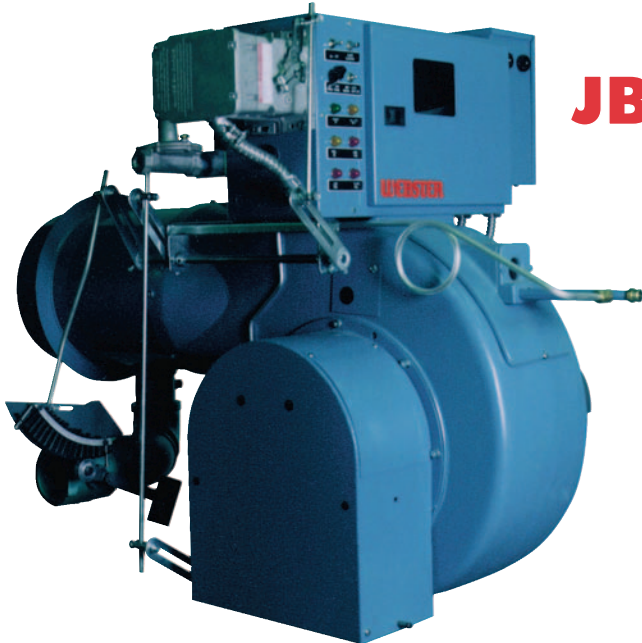
**INPUT RANGE BTU/HR X 1000**.....2,500 - 6,000  
**BOILER HORSEPOWER**.....60 - 142  
**FUELS:**.....NATURAL, LP, #2 FUEL OIL  
 .....MANUFACTURED GAS  
**OIL ATOMIZATION:** .....PRESSURE/AIR/STEAM  
 UL/ULC LISTED

## JB Series

Webster's JB series burners begin at 400 MBH input rating and go up to 12,600 MBH for light to heavy commercial applications. These multi-fuel burners are available in either the Cyclonetic or Cyclonox (low NOx) configurations.

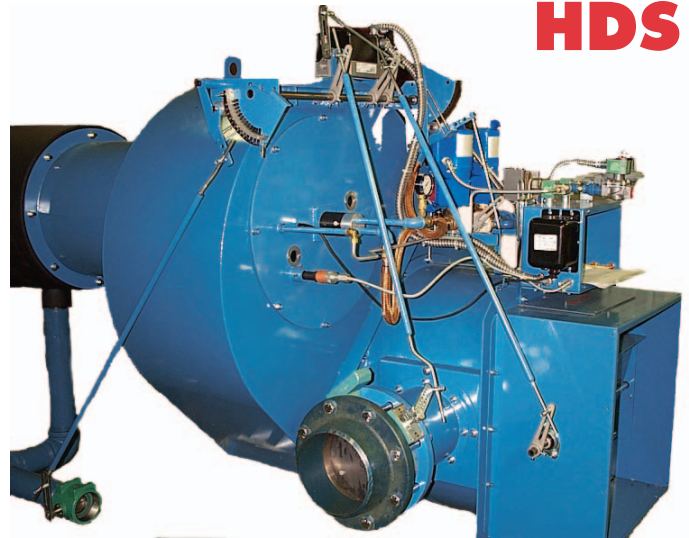
Engineered specifically for Scotch Marine Firetube boiler, providing high turndown and low emissions, to 20 ppm NOx. The high swirl combustion head provides excellent flame stability and a compact flame size for tight furnaces.

# JB3



**INPUT RANGE BTU/HR X 1000**.....6,000 - 12,600  
**BOILER HORSEPOWER**.....142 - 300  
**FUELS:** .....NATURAL, LP, #2 THROUGH #6 FUEL OIL  
 .....MANUFACTURED GAS  
**OIL ATOMIZATION:** .....PRESSURE/AIR/STEAM  
 UL/ULC LISTED

# HDS



**INPUT RANGE BTU/HR X 1000**.....8,400 - 42,000  
**BOILER HORSEPOWER**.....200 - 1,000  
**FUELS:**.....NATURAL GAS, LP, #2 THROUGH #6 OILS,  
 .....DIGESTER AND WASTE GASES  
**OIL ATOMIZATION:** .....PRESSURE/AIR/STEAM



# HDRV Series HDRV

The HD series burners are engineered for heavy commercial and industrial applications, ranging from 12,600 MBH to 40,300 MBH input ratings. HD series burners are designed for each specific application and can be installed in vertical, horizontal, left or right hand position.

RV denotes Register Venturi technology featuring individually adjustable register vanes. This feature provides performance and versatility never before achievable in register burner packages.



INPUT RANGE BTU/HR X 1000 .....12,600 - 40,300  
BOILER HORSEPOWER.....300 - 959  
FUELS:.....NATURAL, LP, #2 THROUGH #6 FUEL OIL  
.....MANUFACTURED GAS  
OIL ATOMIZATION: .....PRESSURE/AIR/STEAM  
UL/ULC LISTED

## The Innovations Continue:

### WEBSTER *PosiControl*™ Linkageless Control Systems

- Standard Linkageless Controls
- Oxygen Trim Linkageless Controls
- Emission Trim Linkageless Controls

Highest possible Efficiency with the Most Cost Effective, User Friendly System - **WEBSTER *PosiControl*™** Family of Linkageless Controls.

### WEBSTER *PurLite* Ignition System™

- System Simplicity provides 100% Ignition Reliability.
- Trouble-Free 6000-volt igniter spark, an industry first.

The *PurLite Ignition System*, another exclusive innovation from *The Leader in Combustion Innovation* - **WEBSTER Engineering.**

(Patent Pending)

## Specialty and Custom Products:

### CONTROL PANELS



### OIL PUMP SETS



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