

Since 1903

**Applications**

Industrial  
Commercial  
Residential

**Emissions**

Ultra Low NOx  
Low NOx  
Conventional

**Fuels**

Gas  
Oil  
Dual Fuel

**Design**

Standard  
Customized



The Industry Standard  
for Quality and Performance



## Model FD68 Conventional Burner

- 50 to 1,000 boiler HP
- Gas, oil and dual fuel
- Full modulating controls
- CSD-1 standard • IRI, FM, NYCDAR available
- Retrofittable to 30 ppm NOx
- Scotch marine, firebox & watertube boilers



US, Canada



## Model FD68-LN Low NOx Burner

- 50 to 1,200 boiler HP
- Sub 30 ppm NOx with induced FGR
- Gas, oil and dual fuel
- Full modulating controls
- CSD-1 standard • IRI, FM, NFPA available
- Scotch marine, firebox & watertube boilers



### Unique Features

- Heavy duty construction
- Sleek, efficient axial-flow fan arrangement
- Swing-open housing allows access to all components for easy maintenance
- Integral fan silencer for the quietest operation

## Model DHF Packaged Burner

- 20 to 250 boiler HP
- Gas, oil and dual fuel
- Low NOx version available with induced FGR
- On-Off • Low-Hi-Low or Full Modulating controls
- Scotch marine & firebox boilers
- IRI, FM, CSD-1, NFPA available



The New Standard for  
Ultra Low NOx Compliance



**NOXmatic™**

*Compliance out-of-the-box*

## NOXmatic™ Ultra Low NOx Burner

- 50 to 600 boiler HP
- Sub 9 ppm NOx without FGR
- Natural Gas
- Full modulation linkageless controls
- VFD standard on all units
- No operational compromises
- Easy installation • Fast commissioning
- Scotch marine, firebox & watertube boilers



### Heavy Duty Construction

- Sleek, efficient axial flow fan design
- Integral air filter, pre-filter for long service life
- Swing open housing for ease of maintenance
- Durable FeCrAl alloy fiber mat firing head

## Other Engineered Products



Engineered Burners  
up to 1,300 HP



Burner & Boiler  
Control Panels



Fuel Oil Handling  
Systems

## Over 100 Years of Experience and Innovation

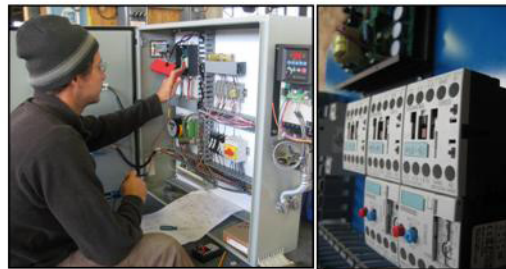
- In business continuously since 1903
- Over 292,000 burners sold to date
- The experts in oil and gas firing
- Focus on customer satisfaction



27,000 Square Feet Facility

## S.T. Johnson Today

- Sales, engineering, manufacturing under one roof
- UL508A Certified panel shop



UL508A CERTIFIED

## Parts and Service

Call your authorized S.T. Johnson distributor for original parts and service.



### S.T. Johnson Company

925 Stanford Ave. • Oakland, CA 94608 • USA  
Phone (510) 652-6000 • Fax (510) 652-4302  
[www.johnsonburners.com](http://www.johnsonburners.com)

Pub. Corp03/09

Your authorized S.T. Johnson distributor