



# **CLEARFIRE® STEAM SOLUTIONS**

**Skid-Mounted Steam Boiler Solutions**

# High-pressure steam, low-pressure installation.

Installing a steam boiler system can be a huge headache when you're dealing with different companies supplying components and leaving you to figure out how to make them work together. Cleaver-Brooks pre-packaged, skid-mounted steam boiler solutions offer a simple way to get up and running in less time, with less effort, than you might imagine.

All of our pre-engineered systems include:

- ▶ **Boiler**
- ▶ **Feed System**
- ▶ **Blowdown Separator**
- ▶ **Optional items include:**
  - ▶ **Water Softener**
  - ▶ **Chemical Feed**

## INSTALLATION MADE EASY

The benefits of a packaged steam system become clear as it's being installed. Our carefully pre-assembled systems eliminate ramp-up time that might interrupt your business.

- ▶ **Water, gas, steam, and drainage available with a single connection point**
- ▶ **Modular design facilitates shipping and installation**
- ▶ **Field wiring and piping mistakes are eliminated**
- ▶ **Integrated power and controls make installation and start-up quick and easy**

## OPERATION MADE EASY

Whether your system is high- or low-pressure steam, we can streamline boiler operations by consolidating systems that may have been cobbled together in the past.

- ▶ **Boilers operate at optimal efficiency using steam control with modulating PID setpoint operation and built-in lead-lag capability**
- ▶ **All components engineered to function seamlessly together**
- ▶ **Maintenance is made easy with specially designed access for each unit on the skid**
- ▶ **A single source that stands behind its product with the knowledge you need to do it right the first time**



# Our skid-mounted steam solutions offer unrivaled flexibility.

Our long history has taught us that one size of a skid-mounted system can't meet every need. Which is why we design our ClearFire®-H and ClearFire®-V based systems to be adaptable while still being pre-engineered and assembled, offering you the lowest cost of installation and ownership. Combine up to three boilers in a pre-engineered system. Additional boilers can be added as a custom-engineered solution.



## Horizontal Skid-Mounted Systems 5–150 PSIG

A gas-fired horizontal boiler is available in sizes ranging from 10 to 60 horsepower.



## Vertical Skid-Mounted Systems 60–150 PSIG

A gas-fired vertical boiler is available in sizes ranging from 9.5 to 60 horsepower.

## SKID-MOUNTED SOLUTIONS OFFER MANY OPTIONS

Select Your Boiler Type ..... CFH 5-150 PSIG or CFV - 60-150 PSIG

Select Your Capacities ..... 9.5-60 HP—Combinations of sizes are available

Select Number of Boilers ..... 1, 2, or 3 boiler systems are available

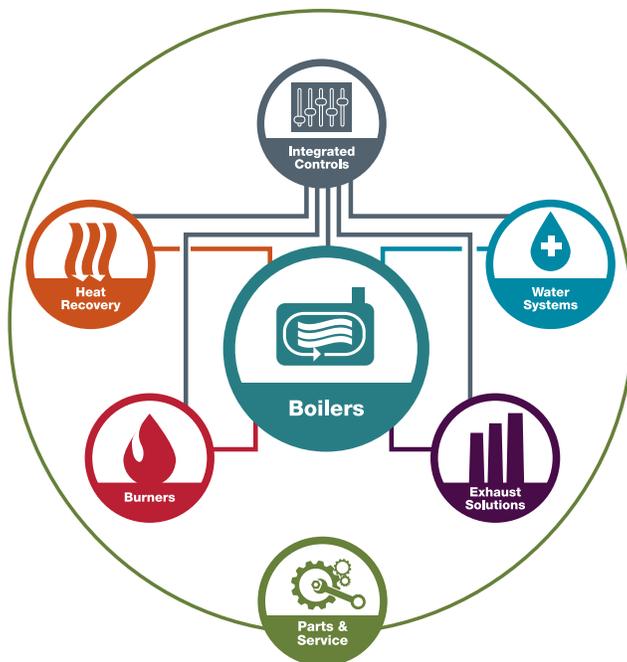
Select Your Fuel Type ..... Natural Gas/Propane

Select Your Feed System ..... Model FSV—Stainless steel vertical feed system  
Model FSH—Stainless steel horizontal feed system (for larger systems)  
Steam preheat (optional)  
Single or Multiple pumping arrangements

Select Your Blowdown System ..... Blowdown Separator—Most systems  
Blowdown Tank:  
*Code Requirements and Reduce Water Usage*

Optional Water Softener ..... Twin alternating design sized for your application

Optional Chemical Feed ..... 20-gallon double wall system—Most common  
40-gallon double wall system—Larger systems



# Total Integration goes far beyond steam boilers.

For more than 80 years, Cleaver-Brooks has built a reputation for innovation in the boiler solutions industry. We remain committed to introducing technology and products that enable a more energy-efficient and environmentally friendly generation of steam and hot water.

When you come to us for a steam solution, you know that each element is created to the highest standards and all will work together seamlessly to give you a highly efficient and reliable solution for protecting your boiler system. To learn more, please call or visit us online.



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