



CLEARFIRE® STEAM SOLUTIONS

Turnkey 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

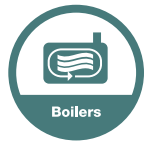
The benefits of a packaged steam system become clear as it's being installed. Our carefully pre-assembled systems eliminate ramp-up time that might interrupt your business.

- ▶ **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**

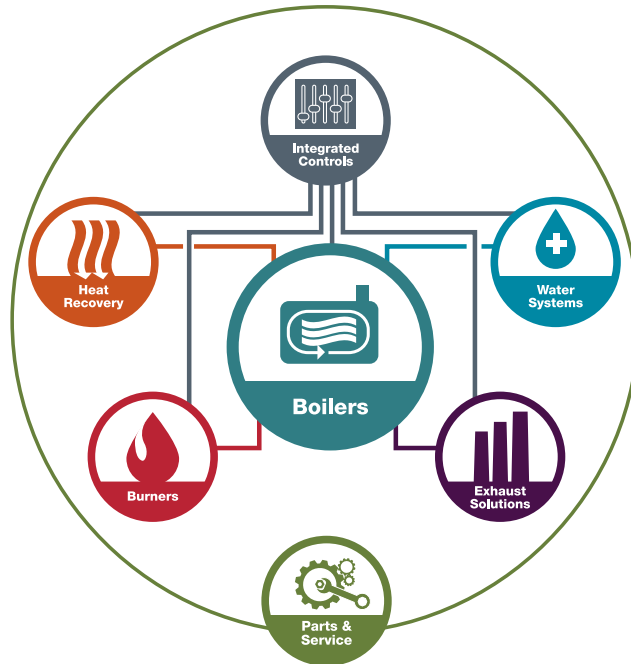
Select Your Fuel Type **Natural Gas/Propane**

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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