



HURST

BOILER & WELDING CO., INC.

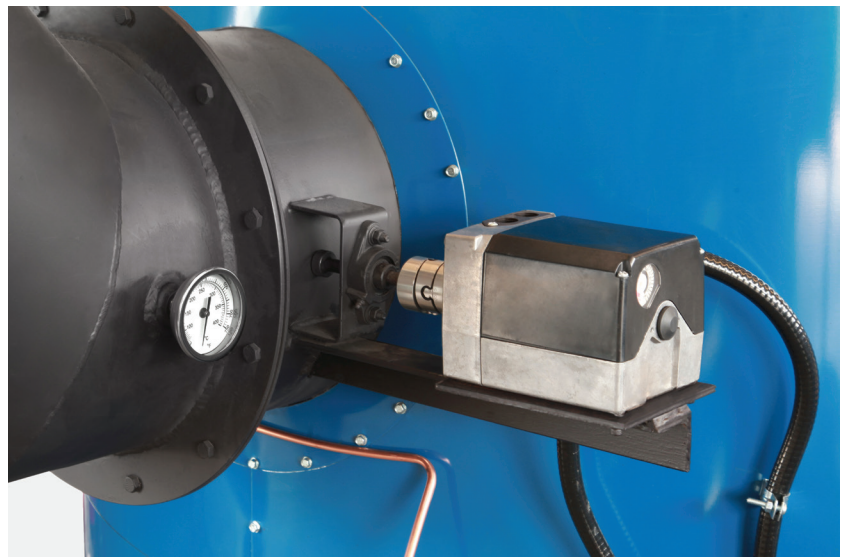
HURST

DRAFT SYNCHRONIZED CONTROL

SEQUENCED DRAFT CONTROL SYSTEM

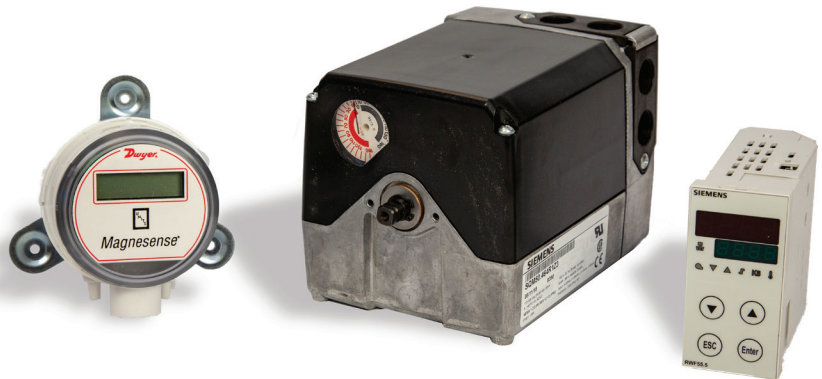
Sequenced draft control systems are used to maintain predictable and reliable flue gas pressures at the boiler's outlet. This device is useful whenever conditions exist whereby draft pressure would otherwise vary greatly or become unstable.

- **Factory Installed (Option)**
- **Retrofit (Existing Boilers)**
Complete Packages Available



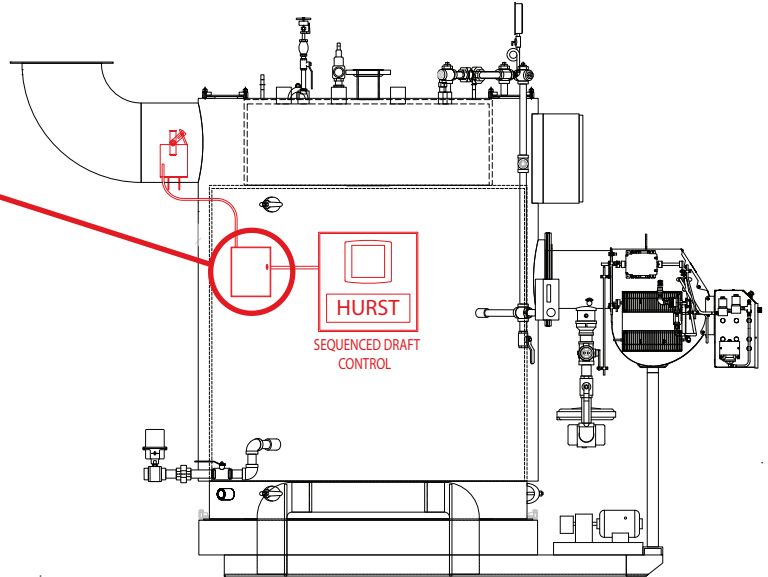
Examples of these potential applications include:

- Two or more boilers tied into a common breeching or stack.
- Unusual stack and breeching layouts. Tall stacks present whereby they can create their own draft.
- Operating environment such as high wind potential or huge swings in temperature.

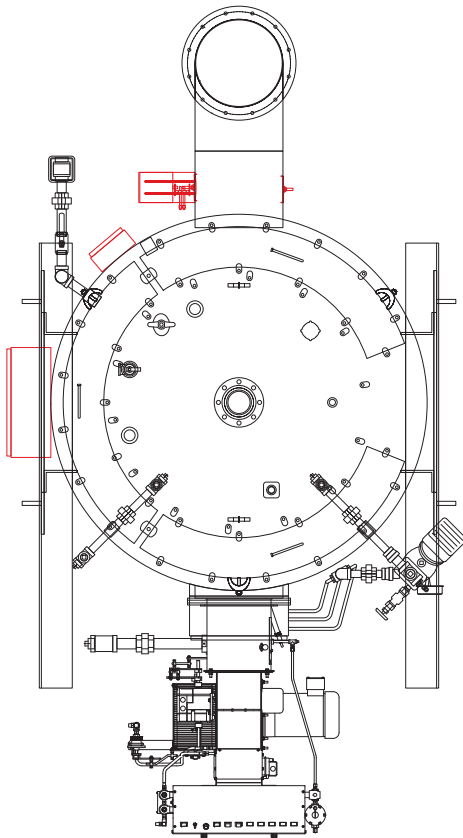


HURST PERFORMANCE SERIES BOILERS

DRAFT SYNCHRONIZED CONTROL



4VT SERIES
SIDE VIEW



4VT SERIES
TOP VIEW

- Reduce Emissions
- Maximize Your Boiler Efficiency
- Reduce Excess Combustion Air
- Fast Acting, Direct Drive Actuator
- Low Maintenance and User Friendly
- Monitor, Control and Indicate Stack Pressure
- Provide Stable Burner Combustion Conditions

Equipment Specifications:

Hurst Boiler's sequenced draft controls consist of heavy carbon steel dampers, fitted at the boiler's stack outlet and built into the exiting smoke box assembly. The damper is secured to the outlet using high temperature outboard bearings. The burner is wired such that when there is a call for heat, the motorized damper opens during the pre-purge cycle. Likewise, the damper remains open throughout the post-purge cycle. An adjustable draft sensor device provides a pressure sensing signal to the actuator driving the damper back and forth as is required to maintain the pre-set draft pressure desired. A draft gauge is provided so that the operator can visually see the actual draft pressure as measured. In most cases the desired set pressure range is around .1" to .2" WC.

HBC-09542
09/2019



 hurstboiler.com

HURST BOILER

100 Boilmaker Lane • Coolidge, GA 31738-3765

Tel: (229) 346-3545 • Fax (229) 346-3874

email: info@hurstboiler.com

