

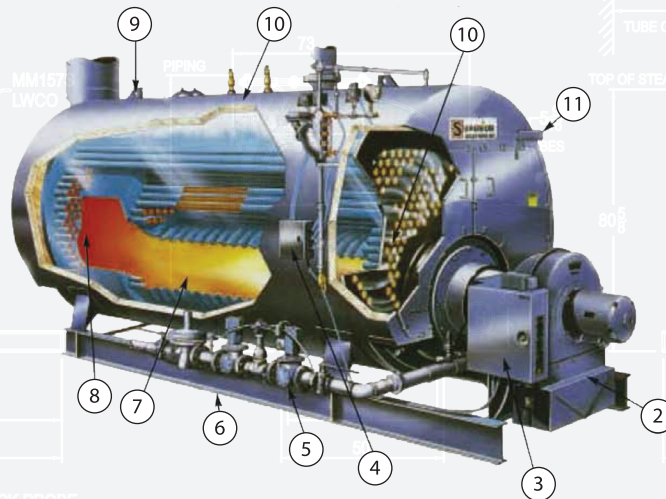
SUPERIOR **BOILER**

BUILT TO **OUTPERFORM**



SEMINOLE **3-PASS WETBACK FIRETUBE BOILER**

Designed for Maximum Efficiency, Reliability and Durability
in Today's Most Demanding Environments.



1. Davited front doors allow for total access to the return tubes without interference of baffles or inner doors.
2. Air louver, linkage and setting is visible for ease of monitoring, adjustment and cleaning.
3. Control panel - burner or boiler mounted for ease of operation and maintenance.
4. Control circuit junction box with terminal strips to permit checking individual control operations.
5. Factory mounted and wired gas train to complete with main gas pressure regulator. Standard gas trains comply with UL requirements. IRI or FM and other code requirements available upon request.
6. Structural steel skid-type base supports and protects burner.
7. Large diameter furnace provides for complete combustion and maximum heat transfer.
8. Wetback turnaround eliminates the need for refractory lining, baffles, gaskets and provides additional primary heating surface for increased efficiency. Separate tube sheets allow for differences in expansion due to varying temperatures of the gasses.
9. Heavy steel lifting eyes for ease of handling.
10. A 500° F acrylic silicone based paint finish is applied to the 22-gauge phosphate galvanized coated steel jacket.
11. 3-pass design for optimum efficiency and economical operation.

| | 70 | 80 | 100 | 125 | 150 | 200 | 250 | 300 | 350 | 400 |
|------------------------------------|--------|--------|---------|---------|---------|---------|---------|--------|-------|--------|
| UNIT MODEL NUMBER | 350 | 400 | 500 | 625 | 750 | 1000 | 1250 | 1500 | 1750 | 2000 |
| OUTPUT (MBH) | 2343 | 2678 | 3348 | 4184 | 5021 | 6695 | 8369 | 10043 | 11716 | 13390 |
| STEAM (LBS/HR) | 2415 | 2760 | 3450 | 4312 | 5175 | 6900 | 8625 | 10350 | 12075 | 13800 |
| INPUT GAS (1000 BTU/FT) | 83,951 | 86,813 | 143,268 | 130,747 | 127,721 | 152,270 | 145,200 | 93,083 | 2929 | 3348 |
| HEATING SURFACE (FT ²) | 354 | 410 | 505 | 630 | 754 | 1025 | 1273 | 1536 | 1775 | 2014 |
| FURNACE VOLUME (FT ³) | 17.37 | 21.10 | 29.21 | 40.00 | 49.14 | 54.96 | 72.04 | 83.44 | 98.90 | 105.79 |
| DESIGN PRESSURE* | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| SHIPPING WEIGHT** | 8800 | 9400 | 11600 | 11800 | 14700 | 17000 | 19800 | 24100 | 26600 | 34500 |

*Higher Pressures are available upon request. **Shipping Weights are approximate. Dimensions are subject to change without notice. Certified drawings are available.



Superior Boiler leads the way in the design and manufacture of industrial and commercial boilers for all market segments. With over 100 years' experience in the industry, our customers don't just trust what we build, they trust the people who build them. Complete boiler systems built to exacting standards, **made in the USA**, and installed throughout the world.

3524 E. 4th Ave., Hutchinson, KS 67501

(620) 662-6693

sales@superiorboiler.com

SuperiorBoiler.com

