

**SUPERIOR**  
**BOILER**  
BUILT TO **OUTPERFORM**



**OHIO SPECIAL**  
**3-PASS WETBACK FIRETUBE BOILER**

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

	80	100	125	150	150 WB	175	175 WB	200	200 WB
OUTPUT (MBH)	2678	3348	4184	5021	5021	5858	5858	6695	6695
STEAM (LBS/HR #2)	2760	3450	4312	5175	5175	6037	6037	6900	6900
INPUT GAS (1,000 BTU) FT <sup>3</sup>	3347	4185	5230	6277	6276	7323	7322	8369	8368
OIL (140,000 BTU) GAL	23.91	29.89	37.35	44.80	44.83	52.30	52.30	59.77	59.77
DESIGN PRESSURE (PSIG)	15/150	15/150	15/150	15/150	15/150	15/150	15/150	15/150	15/150
FURNACE VOLUME (FT <sup>3</sup> )	19.87/18.88	19.87/18.88	19.87/18.88	40.59/38.56	36.50/34.63	40.59/38.56	36.50/34.63	40.59/38.56	36.50/34.63
STEAM STORAGE VOLUME (FT <sup>3</sup> )	11.00	11.00	11.00	16.40	16.57	16.40	16.57	16.40	16.57
STEAM DISENGAGING AREA (FT <sup>2</sup> )	23.46	23.46	23.46	31.48	35.33	31.48	35.33	31.48	35.33
WATER CAPACITY (NWL GAL)	637/645	637/645	637/645	731/747	846/857	731/747	846/857	731/747	846/857
WATER WEIGHT (NWL LBS)	5301/5368	5301/5368	5301/5368	7103/7237	7034/7125	7103/7237	7034/7125	7103/7237	7034/7125
WATER CAPACITY (FULL GAL)	720/728	720/728	720/728	854/870	970/981	854/870	970/981	854/870	970/981
WATER WEIGHT (FULL LBS)	5987/6054	5987/6054	5987/6054	6080/6214	8067/8156	6080/6214	8067/8156	6080/6214	8067/8156
SHIPPING WEIGHT (W/GP BURNER)	9300/9500	9300/9500	9400/9600	11000/11100	10100/10900	11300/11400	10400/11200	11600/11700	11000/11800
SHIPPING WEIGHT (W/ IC BURNER)	9600/9800	9600/9800	10000/10200	11300/11400	11100/11900	11300/11400	11200/12000	11400/11500	11600/12200
GORDAN-PIATT	-	3	14	10	7	12	7	12	9
INDUSTRIAL COMBUSTION	15	15	17	18	14	21	16	21	24

- + Options for 2-Pass dryback, 3-Pass dryback, or 3-Pass wetback design
- + Pressures from 15-300 psi steam and 30-160 psi hot water
- + Sizes from 80-225 BoHP
- + All sizes have <360 sq. ft. of ASME heating surface

- + Corrugated furnaces on ASME Section I high pressure boilers
- + Large furnace volume for complete combustion
- + Roller-bearing supported single-hinged rear door for total fireside access on dryback models
- + Packaged with gas, oil, or combination gas & oil burner



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.