



BOILER CONNECTIONS	
A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) BOILER BLOWDOWN	2" NPT
D.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1/2" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHT PORT	1" PIPE

RATINGS	
NOMINAL BOILER HORSEPOWER	800
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	26780 MBH
STEAM OUTPUT (FROM & AT 212°F)	27600 LBS/HR
INPUT GAS (1,000 BTU)	33475 MBH
INPUT OIL (140,000 BTU)	239.10 GAL
INPUT OIL (150,000 BTU)	223.16 GAL

DATA	
HEATING SURFACE (ASME)	4044 SqFt
CORRUGATED FURNACE VOLUME	191.02 CuFt
STEAM STORAGE VOLUME	144.14 CuFt
STEAM RELEASE AREA	130.20 SqFt
WATER CAPACITY:	
(NWL)	5186 Gal @ 43137 Lbs
(FULL)	6264 Gal @ 52105 Lbs
SHIPPING WEIGHT:	57,600 Lbs

BOILER MODEL
MOHICAN
7-5-4000-S150



NOTES
1. SUPERIOR BOILER WORKS, INC RESERVES THE RIGHT TO CHANGE DIMENSION DUE TO PRODUCT REVISIONS OR JOB REQUIREMENTS.
2. ALL DIMENSIONS ARE APPROXIMATE AND MAY BE USED FOR LAYOUT ONLY.
3. BOILER DESIGN CODE ASME SECTION 1.
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL UNITS MANUFACTURED TO UL LISTING PROCEDURES.
7. FURNACE VOLUME IS FURNACE ONLY (WET BACKED TURNAROUND NOT INCLUDED)
8. SHIPPING WEIGHTS ARE BASED ON UNITS WITHOUT BURNER OR BURNER MOUNT.

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