



BOILER CONNECTIONS

A.(1) WATER OUTLET	10" 150# FLANGE
B.(1) WATER RETURN	10" 150# FLANGE
C.(4) LWCO	1" NPT
D.(5) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	1 1/2" NPT
F.(1) BOILER DRAIN	2" NPT
G.(4) WATER CIRCULATION	3" NPT
H.(5) HANDHOLE	3" x 4"
J.(1) MANWAY	12" x 16"
K.(1) CLEANOUT	17" ID
L.(1) AIR VENT	2" NPT
M.(1) LOW FIRE HOLD	1 1/2" NPT
N.(4) AQUASTAT	1 1/2" NPT
P.(1) AQUASTAT	3/4" NPT
Q.(1) STACK TEMP	1 1/2" NPT
R.()	
S.()	

RATINGS & CAPACITIES

HORSEPOWER	800
DESIGN PRESSURE	30 PSIG WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	26780 MBH
HEAT RELEASE: (FURNACE ONLY)	168312 BTU/CuFt
RATED INPUT	33475 MBH
HEATING SURFACE (ASME)	4028 SqFt
FURNACE HEATING SURFACE	194.03 SqFt
FURNACE VOLUME:	
FURNACE ONLY	198.89 CuFt
TURNAROUND VOLUME	89.24 CuFt
WATER CAPACITY:	
(FULL)	6,127 Gal @ 50,964 Lbs
SHIPPING WEIGHT:	50,100 Lbs

REVISION

LTN	DATE	REVISION	BY

REPRESENTATIVE

PROJECT:

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR BOILER

CHECKED BY

DRAWN BY

?

DATE

DATE

?

MOHICAN

BOILER MODEL

7-5-4000-W30

SCALE

1/70

DRAWING No

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