



## BOILER CONNECTIONS

A.(1)	WATER OUTLET	8" 150# FLANGE
B.(1)	WATER RETURN	8" 150# FLANGE
C.(4)	LWCO	1" NPT
D.(2)	SAFETY VALVE	2" NPT
E.(1)	SAFETY VALVE	1 1/2" NPT
F.(1)	BOILER DRAIN	2" NPT
G.(4)	WATER CIRCULATION	2 1/2" NPT
H.(5)	HANDHOLE	3" x 4"
J.(1)	MANWAY	12" x 16"
K.(1)	CLEANOUT	1" ID
L.(1)	AIR VENT	2" NPT
M.(1)	LOW FIRE HOLD	1/2" NPT
N.(4)	AQUASTAT	1/2" NPT
P.(1)	AQUASTAT	3/4" NPT
Q.(1)	STACK TEMP	1/2" NPT
R.(1)	SIGHT PORT	1" PIPE
S.( )		

## RATINGS & CAPACITIES

HORSEPOWER	300 •
DESIGN PRESSURE	30 PSIG
DESIGN TEMPERATURE	250°F
GROSS OUTPUT	10043 LB/HR •
HEAT RELEASE: (FURNACE ONLY)	144,892 BTU/GuFt •
RATED INPUT	12553 MBH •
HEATING SURFACE (ASME)	1516 SqFt
FURNACE HEATING SURFACE	111.13 SqFt
FURNACE VOLUME	88.64 CuFt
TURNAROUND VOLUME	39.50 CuFt
WATER CAPACITY: (FULL)	2,448 Gal • 20,348 Lbs
SHIPPING WEIGHT:	24,000 Lbs

LTR	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  $\pm 1/2"$  UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SOFT FIRING.



**CHECKED BY**

DATE \_\_\_\_\_

**DRAWN**

DATE \_\_\_\_\_

MOHICAN

BOILER MODEL

7-X-1500-W30

SCALE

**DRAWING No**

1/64

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OF SUPERIOR BOILER WORKS &  
SHALL NOT BE REPRODUCED IN  
PART OR IN WHOLE, & NONE OF  
ITS INFORMATION SHALL BE  
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OR TO THE DETRIMENT OF THE  
OWNER. IT MUST BE RETURNED  
UPON REQUEST.