



BOILER CONNECTIONS

A.(1) WATER OUTLET	8" 150# FLG
B.(1) WATER RETURN	8" 150# FLG
C.(4) LWC	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	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 18"
K.(1) CLEANOUT	17" 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) SIGHTPORT	1" PIPE

RATINGS & CAPACITIES

HORSEPOWER	300*
DESIGN PRESSURE	30 PSIG
DESIGN TEMPERATURE	250°F
GROSS OUTPUT	10043 MBH*
HEAT RELEASE (FURNACE ONLY)	145,447 Btu/hr/CuFt*
RATED INPUT	12553 MBH*
HEATING SURFACE (ASME)	1537 SqFt
FURNACE HEATING SURFACE	118.85 SqFt
FURNACE VOLUME	
FURNACE ONLY	86.31 CuFt
TURNAROUND VOLUME	53.18 CuFt
WATER CAPACITY:	
(FULL)	2.875 Gal @ 23,914 Lbs
SHIPPING WEIGHT:	27,300 Lbs

LR DATE

REVISION

BY REPRESENTATIVE

X

PROJECT

X

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" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE $\pm 1/2"$ UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

DATE

ORDER BY

DATE

SEMINOLE

BOILER MODEL

6-X-1500-W30-M

SCALE

DRAWING No

1/52

X

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