



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

A.(1) WATER OUTLET	6" 180# FLANGE
B.(1) WATER RETURN	6" 180# FLANGE
C.(4) LWC	1" NPT
D.(2) SAFETY VALVE	2" NPT
E.(1) SAFETY VALVE	2" NPT
F.(1) BOILER DRAIN	2" NPT
G.(4) WATER CIRCULATION	2" NPT
H.(5) HANDHOLE	5" x 5"
J.(1) MANWAY	12" x 18"
K.(1) CLEANOUT	12" D
L.(1) AUXILIARY/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 1/4" PIPE
S.(1)	

HORSEPOWER	200*
DESIGN PRESSURE	30 P.S.I. WATER
DESIGN TEMPERATURE	250° F
GROSS OUTPUT	6995 MCH*
HEAT RELEASE (FURNACE ONLY)	182,270 BTU/DcFt*
RATED INPUT	5389 MCH*
HEATING SURFACE (ASME)	1025 SqFt
FURNACE HEATING SURFACE	78.89 SqFt
FURNACE VOLUME:	
FURNACE ONLY	54.98 CuFt
TURNDOWN VOLUME	48.38 CuFt
WATER CAPACITY:	
(FULL)	1,820 GAL @ 15,140 Lbs
SHIPPING WEIGHT:	17,000 Lbs

REV	DATE	REVISION	BY	REPRESENTATIVE

# 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.
6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.



SEMINOLE BOILER MODEL  
6-5-1000-W30

SCALE 1/54  
DRAWING No. X

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