



BOILER JUNCTION BOX

#### BOILER CONNECTIONS

A.(1) STEAM OUTLET	6" 300# FLANGE
B.(4) LWCO	1" NPT
C.(2) SAFETY VALVE	2" NPT
D.( ) SAFETY VALVE	
E.(2) BOILER BLOWDOWN	1 1/2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	12" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.( )	
R.( )	
S.( )	

#### RATINGS & CAPACITIES

HORSEPOWER	300*
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	10043 MBH
STEAM (FROM & AT 212°F)	10350 Lbs/Hr
HEAT RELEASE (FURNACE ONLY)	148821 BTU/Gal.Ft
RATED INPUT	12553 MBH*
HEATING SURFACE (ASME)	1527 Sq.Ft
FURNACE HEATING SURFACE	130.57 Sq.Ft
FURNACE VOLUME	85.44 Cu.Ft
TURNAROUND VOLUME	42.09 Cu.Ft
STEAMING VOLUME	40.88 Cu.Ft
STEAM RELEASE AREA	98.75 Sq.Ft
WATER CAPACITY:	
(FULL)	2.378 Gal. @ 19.777 Lbs
(NML)	2.074 Gal. @ 17.247 Lbs
SHIPPING WEIGHT:	24,400 Lbs

#### REVISION

REV	DATE	REVISION

#### NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION I
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 S/Ft FIRING.

**SUPERIOR**  
BOILER

SUPER SEMINOLE BOILER MODEL  
X6-5-1500-S150

SCALE

1/64

CHECKED BY

DATE

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DATE

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DATE

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