



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LN DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET	6" 150# FLANGE
B.(4) LWC	1" NPT
C.(1) SAFETY VALVE	3" NPT
D.(1) SAFETY VALVE	
E.(1) BOILER BLOWDOWN	1 1/2" NPT
F.(2) SURFACE BLOWDOWN	1" NPT
G.(1) MANWAY	12" x 16"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" D
K.(2) FEEDWATER	1 1/4" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(2) LOW FIRE HOLD	1" NPT
N.(2) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" PIPE
Q.(1)	
R.(1)	
S.(1)	

HORSEPOWER	125*
DESIGN PRESSURE	15 PSI STEAM
GROSS OUTPUT	4184 MBH*
STEAM (FROM & AT 212°F)	4312 Lbs/Hr*
HEAT RELEASE (FURNACE ONLY)	141772 BTU/CuFt*
RATED INPUT	5230 MBH*
HEATING SURFACE (ASME)	842 SqFt
FURNACE HEATING SURFACE	8014 SqFt
FURNACE VOLUME	38.28 CuFt
TURNAROUND VOLUME	24.35 CuFt
STEAMING VOLUME	20.88 CuFt
STEAM RELEASE AREA	38.28 SqFt
WATER CAPACITY:	
(FULL)	1.182 Gal
(MNL)	1.037 Gal
SHIPPING WEIGHT:	11,300 Lbs

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# 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" - 84 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 SqFt FIRING.

**SUPERIOR BOILER**

CHECKED BY

DATE

DESIGNED BY

DATE

SUPER SEMINOLE BOILER MODEL

X6-5-625-S15

SCALE

1/54

DRAWING No.

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