



BOILER CONNECTIONS

A.(1) STEAM OUTLET	8" 300# FLANGE
B.(4) LWCDO	1" NPT
C.(3) SAFETY VALVE	2" NPT
D.() SAFETY VALVE	
E.(2) BOILER BLOWDOWN	2" NPT
F.(1) SURFACE BLOWDOWN	1" NPT
G.(1) MAINWAY	12" x 18"
H.(5) HANDHOLE	3" x 4"
J.(1) CLEANOUT	17" ID
K.(2) FEEDWATER	2" NPT
L.(1) AUXILIARY/VENT	2" NPT
M.(1) LOW FIRE HOLD	1" NPT
N.(1) STACK TEMP	1/2" NPT
P.(1) SIGHTPORT	1" NPT
S.()	

RATINGS & CAPACITIES

HORSEPOWER	700 HP •
DESIGN PRESSURE	150 PSIG STEAM
GROSS OUTPUT	23433 MBH •
STEAM (FROM & AT 212°F)	24150 LB/Hr •
HEAT RELEASE (FURNACE ONLY)	157,619 BTU/CuFt •
RATED INPUT	28281 MBH •
HEATING SURFACE (ASME)	3528 SqFt
FURNACE HEATING SURFACE	204.58 SqFt
FURNACE VOLUME	185.83 CuFt
TURNAROUND VOLUME	77.09 CuFt
STEAMING VOLUME	152.83 CuFt
STEAM RELEASE AREA	124.87 SqFt
WATER CAPACITY:	
(FULL)	5.089 GAL • 42,328 Lbs
(NWL)	3.847 GAL • 32,832 Lbs
SHIPPING WEIGHT:	48,300 Lbs

LR DATE

REVISION

BY REPRESENTATIVE

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PROJECT

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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 I.
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 FRING.

SUPERIOR
BOILER

SUPER SEMINOLE

X8-5-3500-S150-

SCALE

1/70

CHECKED BY

DATE

DESIGNED BY

DATE

DRAWING No

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