



BOILER CONNECTIONS

RATINGS & CAPACITIES

LIST DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET 8" 300# FLANGE	HORSEPOWER 500 •
B.(4) LWCO 1" NPT	DESIGN PRESSURE 150 PSIG STEAM
C.(2) SAFETY VALVE 2" NPT	GROSS OUTPUT 16738 MBH •
D.() SAFETY VALVE	STEAM (FROM & AT 212°F) 17250 Lbs./Hr •
E.(2) BOILER BLOWDOWN 1 1/2" NPT	HEAT RELEASE (FURNACE ONLY) 138208 BTU/CuFt •
F.(1) SURFACE BLOWDOWN 1" NPT	RATED INPUT 20822 MBH •
G.(1) MANWAY 12" x 16"	HEATING SURFACE (ASME) 2519 SqFt
H.(5) HANDHOLE 3" x 4"	FURNACE HEATING SURFACE 188.61 SqFt
J.(1) CLEANOUT PORT 17" ID	FURNACE VOLUME 150.29 CuFt
K.(2) FEEDWATER 2" NPT	TURNAROUND VOLUME 61.67 CuFt
L.(1) AUXILIARY/VENT 2" NPT	STEAMING VOLUME 86.59 CuFt
M.(1) LOW FIRE HOLD 1" NPT	STEAM RELEASE AREA 104.27 SqFt
N.(1) STACK TEMP 1/2" NPT	WATER CAPACITY:
P.(1) SIGHTPORT 1" PIPE	(FULL) 4.134 Gals • 34.385 Lbs
Q.()	(NML) 3.485 Gals • 28.998 Lbs
R.()	SHIPPING WEIGHT: 37,600 Lbs
S.()	

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" - 6# 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 FRING.

SUPERIOR BOILER

SUPER SEMINOLE BOILER MODEL

X6-5-2500-S150-

BOILER

1/70

DESIGNED BY

DATE

CHECKED BY

DATE

PROJECT

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