



BOILER JUNCTION BOX

# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LSR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET 12" 150# FLANGE

HORSEPOWER

400

B.(4) LMCO 1" NPT

DESIGN PRESSURE

15 PSIG STEAM

C.(2) SAFETY VALVE 3" NPT

GROSS OUTPUT

13300 MBH

D.(1) SAFETY VALVE

STEAM (FROM & AT 212°F)

13800 Lbs/Hr

E.(2) BOILER BLOWDOWN 2" NPT

HEAT RELEASE (FURNACE ONLY)

130,475 BTU/Hr

F.(1) SURFACE BLOWDOWN 1" NPT

RATED INPUT

16730 MBH

G.(1) MAINWAY 12" x 16"

HEATING SURFACE (ASME)

2010 SqFt

H.(5) HANDHOLE 3" x 4"

FURNACE HEATING SURFACE

138.60 SqFt

J.(1) CLEANOUT PORT 17" ID

FURNACE VOLUME

122.84 CuFt

K.(2) FEEDWATER 2" NPT

TURNAROUND VOLUME

61.57 CuFt

L.(1) AUXILIARY 2" NPT

STEAMING VOLUME

70.17 CuFt

M.(1) LOW FIRE HOLD 1/2" NPT

STEAM RELEASE AREA

84.50 SqFt

N.(1) STACK TEMP 1/2" NPT

WATER CAPACITY:

(FULL) 3,271 Gals

P.(1)

(WNL) 2,748 Gals

27,208 Lbs

Q.(1)

SHIPPING WEIGHT:

28,200 Lbs

R.(1)

S.(1)

# NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRECEDENCE OVER B & D SHEET.
3. BOILER DESIGN CODE ASME SECTION V.
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 SgF FIRING.

CHECKED BY  
DATE

DESIGNED BY  
DATE

BOILER MODEL

SUPER SEMINOLE

X6-5-2000-S15-

1/70

BOILER MODEL

X6-5-2000-S15-

1/70

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