



| BOILER CONNECTIONS | | RATINGS & CAPACITIES | | LTR DATE | | REVISION | | BY | | REPRESENTATIVE: | |
|------------------------|----------------|------------------------------|------------------------|----------|--|----------|--|----|--|-----------------|---|
| A.(1) STEAM OUTLET | 8" 300# FLANGE | HORSEPOWER | 600* | | | | | | | | ? |
| B.(4) LWCO | 1" NPT | DESIGN PRESSURE | 150 PSIG STEAM | | | | | | | | |
| C.(3) SAFETY VALVE | 2" NPT | GROSS OUTPUT | 20085 MBH* | | | | | | | | |
| D.() SAFETY VALVE | | STEAM (FROM & AT 212°F) | 20700 Lb/Hr* | | | | | | | | |
| E.(2) BOILER BLOWDOWN | 1 1/2" NPT | HEAT RELEASE: (FURNACE ONLY) | 146311 BTU/CuFt * | | | | | | | | |
| F.(1) SURFACE BLOWDOWN | 1" NPT | RATED INPUT | 25106 MBH* | | | | | | | | |
| G.(1) MANWAY | 12" x 16" | HEATING SURFACE (ASME) | 3022 SqFt | | | | | | | | |
| H.(5) HANDHOLE | 3" x 4" | FURNACE HEATING SURFACE | 205.85 SqFt | | | | | | | | |
| J.(1) CLEANOUT | 18" PIPE | FURNACE VOLUME | 171.59 CuFt | | | | | | | | |
| K.(2) FEEDWATER | 2" NPT | TURNAROUND VOLUME | 63.47 CuFt | | | | | | | | |
| L.(1) AUXILIARY/VENT | 2" NPT | STEAMING VOLUME | 109.56 CuFt | | | | | | | | |
| M.(1) LOW FIRE HOLD | 1" NPT | STEAM RELEASE AREA | 117.41 SqFt | | | | | | | | |
| N.(1) STACK TEMP | 1/2" NPT | WATER CAPACITY: | | | | | | | | | |
| P.(1) SIGHT PORT | 1" NPT | (FULL) | 4,810 Gal @ 40,004 Lbs | | | | | | | | |
| Q.() | | (NWL) | 3,990 Gal @ 33,188 Lbs | | | | | | | | |
| R.() | | SHIPPING WEIGHT: | 44,000 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" - 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 SqFt FIRING.

MOHICAN

7-5-3000-S150

SCALE

1/70

CHECKED BY

DRAWN BY

DATE

DATE

BOILER MODEL

DRAWING No

THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER & SHALL NOT BE REPRODUCED IN PART OR IN WHOLE, & NONE OF ITS INFORMATION SHALL BE REVEALED WITHOUT PERMISSION OR TO THE DETRIMENT OF THE OWNER. IT MUST BE RETURNED UPON REQUEST.