



BOILER CONNECTIONS

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|------------------------|----------------|
| A.(1) STEAM OUTLET | 8" 300# FLANGE |
| B.(4) LWCO | 1" NPT |
| C.(2) SAFETY VALVE | 2" NPT |
| D.() SAFETY VALVE | |
| E.(2) 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" ID |
| K.(2) FEEDWATER | 2" NPT |
| L.(1) AUXILIARY/VENT | 2" NPT |
| M.(2) LOW FIRE HOLD | 1/2" NPT |
| N.(1) STACK TEMP | 1/2" NPT |
| P.(1) SIGHT PORT | 1" NPT |
| Q.() | |
| R.() | |
| S.() | |

RATINGS & CAPACITIES

| | |
|------------------------------|------------------|
| HORSEPOWER | 600 |
| DESIGN PRESSURE | 150 PSIG STEAM |
| GROSS OUTPUT | 20085 MBH* |
| STEAM (FROM & AT 212°F) | 20700 Lb/Hr* |
| HEAT RELEASE: (FURNACE ONLY) | 147438 BTU/CuFt* |
| RATED INPUT | 25106 MBH* |
| HEATING SURFACE (ASME) | 3055 SqFt |
| FURNACE HEATING SURFACE | 204.26 SqFt |
| FURNACE VOLUME | 170.28 CuFt |
| TURNAROUND VOLUME | 82.35 CuFt |
| STEAMING VOLUME | 111.47 CuFt |
| STEAM RELEASE AREA | 119.45 SqFt |
| WATER CAPACITY: | |
| (FULL) | 4,799 Gal |
| (NWL) | 3,965 Gal |
| SHIPPING WEIGHT: | 44,400 Lbs |

LTR

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 ±1/2" UNLESS OTHERWISE NOTED.
- *6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.



SEMINOLE

BOILER MODEL

6-5-3000-S150

CHECKED BY

DRAWN BY

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DATE

DATE

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SCALE

1/84

DRAWING No

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