



#### BOILER CONNECTIONS

|                        |             |
|------------------------|-------------|
| A.(1) STEAM OUTLET     | 2" NPT      |
| B.(4) LWCO             | 1" NPT      |
| C.(1) SAFETY VALVE     | 1 1/2" NPT  |
| D.( ) SAFETY VALVE     |             |
| E.(1) BOILER BLOWDOWN  | 1" NPT      |
| F.(1) SURFACE BLOWDOWN | 1" NPT      |
| G.(1) MANWAY           | 12" x 16"   |
| H.(4) HANDHOLE         | 3" x 4"     |
| J.(1) SIGHTPORT        | 1 1/4" PIPE |
| K.(2) FEEDWATER        | 1" NPT      |
| L.(1) AUXILIARY/VENT   | 1 1/2" NPT  |
| M.( ) LOW FIRE HOLD    |             |
| N.(1) STACK TEMP       | 1/2" NPT    |
| P.( )                  |             |
| Q.( )                  |             |
| R.( )                  |             |
| S.( )                  |             |

#### RATINGS & CAPACITIES

|                              |                       |
|------------------------------|-----------------------|
| HORSEPOWER                   | 50*                   |
| DESIGN PRESSURE              | 150 P.S.I.G. STEAM    |
| GROSS OUTPUT                 | 1674 MBH.*            |
| STEAM (FROM & AT 212°F)      | 1725 LB./HR.*         |
| HEAT RELEASE: (FURNACE ONLY) | 144,653 BTU/CU.FT.*   |
| RATED INPUT                  | 2,092 MBH.*           |
| HEATING SURFACE (ASME)       | 254 SQ. FT.           |
| FURNACE HEATING SURFACE      | 35.80 SQ. FT.         |
| FURNACE VOLUME:              |                       |
| FURNACE ONLY                 | 14.46 CU. FT.         |
| STEAMING VOLUME              | 8.75 CU. FT.          |
| STEAM RELEASE AREA           | 21.25 SQ. FT.         |
| WATER CAPACITY:              |                       |
| (FULL)                       | 581 GAL. @ 4,831 LBS. |
| (NWL)                        | 515 GAL. @ 4,287 LBS. |
| SHIPPING WEIGHT:             | 6,800 LBS.            |

L/R

DATE

REVISION

BY

REPRESENTATIVE

X

PROJECT:

X

#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - (1) MIN SIDE, MAX REAR
  - (2) MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION I.
- BOILER INSULATED WITH 2"-8/4 DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR**  
BOILER

AZTEC

CHECKED BY  
?  
DRAWN BY  
?

BOILER MODEL  
5-5-253-S150

SCALE

1/36

DRAWING No

?

DATE  
DATE

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