



#### BOILER CONNECTIONS

#### RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

|                        |            |                              |                  |
|------------------------|------------|------------------------------|------------------|
| A.(1) STEAM OUTLET     | 2" NPT     | HORSEPOWER                   | 30 *             |
| B.(4) LWCO             | 1" NPT     | DESIGN PRESSURE              | 150 PSIG STEAM   |
| C.(1) SAFETY VALVE     | 1 1/2" NPT | GROSS OUTPUT                 | 1004 MBH*        |
| D.( ) SAFETY VALVE     |            | STEAM (FROM & AT 212°F)      | 1035 Lbs/Hr*     |
| E.(1) BOILER BLOWDOWN  | 1" NPT     | HEAT RELEASE: (FURNACE ONLY) | 145310 BTU/CuFt* |
| F.(2) SURFACE BLOWDOWN | 1" NPT     | RATED INPUT                  | 1255 MBH*        |
| G.( ) MANWAY           |            | HEATING SURFACE (ASME)       | 160 SqFt         |
| H.(5) HANDHOLE         | 3" x 4"    | FURNACE HEATING SURFACE      | 23.80 SqFt       |
| J.(1) SIGHTPORT        | 1" PIPE    | FURNACE VOLUME:              |                  |
| K.(2) FEEDWATER        | 1" NPT     | FURNACE ONLY                 | 8.64 CuFt        |
| L.(1) AUXILIARY/VENT   | 1 1/2" NPT | STEAMING VOLUME              | 3.86 CuFt        |
| M.( ) LOW FIRE HOLD    |            | STEAM RELEASE AREA           | 13.09 SqFt       |
| N.(2) STACK TEMP       | 1/2" NPT   | WATER CAPACITY:              |                  |
| P.( )                  |            | (FULL) 375 GAL               | 3,117 Lbs        |
| Q.( )                  |            | (NWL) 346 GAL                | 2,876 Lbs        |
| R.( )                  |            | SHIPPING WEIGHT:             | 5,000 Lbs        |
| S.( )                  |            |                              |                  |

#### NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
  - MIN SIDE, MAX REAR
  - MAX SIDE, MIN REAR
- BOILER DESIGN CODE ASME SECTION 1.
- BOILER INSULATED WITH 2" - 8# 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**

CHECKED BY  
?  
DRAWN BY  
?

DATE  
DATE

AZTEC BOILER MODEL  
5-X-156-S150

SCALE

1/36

DRAWING No

?

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