



BOILER JUNCTION BOX

| BOILER CONNECTIONS | | RATINGS & CAPACITIES | | LTR | DATE | REVISION | BY | REPRESENTATIVE: |
|-------------------------|----------------|------------------------------|-----------------|-----|------|----------|----|-----------------|
| A.(1) WATER OUTLET | 6" 150# FLANGE | HORSEPOWER | 150 | | | | | NBI |
| B.(1) WATER RETURN | 6" 150# FLANGE | DESIGN PRESSURE | 30 PSIG WATER | | | | | |
| C.(4) LWCO | 1" NPT | DESIGN TEMPERATURE | 250F | | | | | |
| D.(1) SAFETY VALVE | 2" NPT | GROSS OUTPUT | 5021 MBH | | | | | |
| E.() SAFETY VALVE | | HEAT RELEASE: (FURNACE ONLY) | 120566 BTU/CuFt | | | | | |
| F.(1) BOILER DRAIN | 2" NPT | RATED INPUT | 6277 MBH | | | | | |
| G.() WATER CIRCULATION | | HEATING SURFACE (ASME) | 761 SqFt | | | | | |
| H.(4) HANDHOLE | 3" x 4" | FURNACE HEATING SURFACE | 85.03 SqFt | | | | | |
| J.(1) MANWAY | 12" x 16" | FURNACE VOLUME: | | | | | | |
| K.(1) CLEANOUT | 15" ID | FURNACE ONLY | 52.06 CuFt | | | | | |
| L.(1) AIR VENT | 2" NPT | | | | | | | |
| M.(1) LOW FIRE HOLD | 1/2" NPT | | | | | | | |
| N.(4) AQUASTAT | 1/2" NPT | | | | | | | |
| P.(1) AQUASTAT | 3/4" NPT | | | | | | | |
| Q.(1) STACK TEMP | 1/2" NPT | | | | | | | |
| R.() | | | | | | | | |
| S.() | | | | | | | | |

| NOTES | | SUPERIOR BOILER | | CHECKED BY | DATE |
|---|--|-----------------|--|------------|------|
| 1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET. | | | | DRAWN BY | |
| 2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET. | | | | M.M | |
| 3. REAR DOOR SWING: | | | | | |
| (1) MIN SIDE, MAX REAR | | | | | |
| (2) MAX SIDE, MIN REAR | | | | | |
| 4. BOILER DESIGN CODE ASME SECTION IV. | | | | | |
| 5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET. | | | | | |
| 6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED. | | | | | |
| *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING. | | | | | |

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| AZTEC | | BOILER MODEL | |
| 5-5-751-W30 | | | |
| SCALE | | DRAWING No | |
| 1/48 | | ? | |

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| THIS DRAWING IS THE PROPERTY OF SUPERIOR BOILER WORKS & 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. | |
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