



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

?

PROJECT:

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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# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- HORSEPOWER & RELATED INFO BASED ON 5 Sgft FIRING.

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

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MOHAWK

BOILER MODEL

5-5-3753-S150-

SCALE

DRAWING No

1/86

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- A.(1) STEAM OUTLET 8" 300# FLANGE
- B.(4) LWCO 1" NPT
- C.(3) SAFETY VALVE 2" NPT
- D.() SAFETY VALVE
- E.(2) BOILER BLOWDOWN 2" NPT
- F.(1) SURFACE BLOWDOWN 1" NPT
- G.(1) MANWAY 12" x 16"
- H.(4) HANDHOLE 3" x 4"
- J.(1) CLEANOUT 17" ID
- K.(2) FEEDWATER 2" NPT
- L.(1) AUXILIARY/VENT 2" NPT
- M.(1) LOW FIRE HOLD 1/2" NPT
- N.(1) STACK TEMP 1/2" NPT
- P.(1) SIGHTPORT 1" PIPE
- Q.()
- R.()
- S.()

- HORSEPOWER 750*
- DESIGN PRESSURE 150 P.S.I.G. STEAM
- GROSS OUTPUT 25106 MBH*
- STEAM (FROM & AT 212°F) 25875 LB/HR*
- HEAT RELEASE: (FURNACE ONLY) 150,043 BTU/CU FT*
- RATED INPUT 31383 MBH*
- HEATING SURFACE (ASME) 3786 SQ FT
- FURNACE HEATING SURFACE 230.61 SQ FT
- FURNACE VOLUME 209.16 CU FT
- STEAMING VOLUME 52.86 CU FT
- STEAM RELEASE AREA 91.68 SQ FT
- WATER CAPACITY:
 - (FULL) 6,086 GAL @ 50,624 LBS
 - (NWL) 5,691 GAL @ 47,335 LBS
- SHIPPING WEIGHT: 52,400 LBS