



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET 8" 300# FLANGE
B.(4) LWCO 1" NPT
C.(3) SAFETY VALVE 2"
D.() SAFETY VALVE
E.(2) BOILER BLOWDOWN 2" NPT
F.(2) SURFACE BLOWDOWN 1" NPT
G.(1) MANWAY 12" x 16"
H.(4) HANDHOLE 3" x 4"
J.(1) CLEANOUT 19" 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 1/4" NPT
Q.()
R.()
S.()

HORSEPOWER 800
DESIGN PRESSURE 150 PSIG STEAM
GROSS OUTPUT 26780 MBH
STEAM (FROM & AT 212°F) 27600 LB/HR
HEAT RELEASE (FURNACE ONLY) 151771 BTU/CuFt
RATED INPUT 33475 MBH
HEATING SURFACE (ASME) 4025 SqFt
FURNACE HEATING SURFACE 243.46 SqFt
FURNACE VOLUME 220.56 CuFt
STEAMING VOLUME 141.82 CuFt
STEAM RELEASE AREA 128.10 SqFt
WATER CAPACITY:
(FULL) 6,480 Gal @ 53,898 Lbs
(NWL) 5,419 Gal @ 45,074 Lbs
SHIPPING WEIGHT: 60,250 Lbs

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 2" INSULATION IS JACKETED IS WITH 22 GA STEEL.
- ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHAWK

BOILER MODEL

4-5-4005-S150-

SCALE

DRAWING No

1/86

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