



# BOILER CONNECTIONS

# RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	10" 150# FLANGE
B.(1) WATER RETURN	10" 150# FLANGE
C.(4) LWCO	1" NPT
D.(5) SAFETY VALVE	2" NPT
E.( ) SAFETY VALVE	
F.(1) BOILER DRAIN	2" NPT
G.(4) WATER CIRCULATION	3" NPT
H.(5) HANDHOLE	3" x 4"
J.(1) MANWAY	12" x 16"
K.(1) CLEANOUT	17" ID
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.(1) SIGHTPORT	1" PIPE
S.( )	

HORSEPOWER	700*
DESIGN PRESSURE	30 PSIG
DESIGN TEMPERATURE	250°F
GROSS OUTPUT	23433 MBH*
HEAT RELEASE: (FURNACE ONLY)	147172 BTU/CuFt*
RATED INPUT	29291 MBH*
HEATING SURFACE (ASME)	3532 SqFt
FURNACE HEATING SURFACE	194.29 SqFt
FURNACE VOLUME:	
FURNACE ONLY	199.02 CuFt
TURNAROUND ONLY	70.23 CuFt
WATER CAPACITY:	
(FULL) 5.021 Gals @	41.759 Lbs
SHIPPING WEIGHT:	43,800 Lbs

# NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. BOILER DESIGN CODE ASME SECTION IV.
4. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- \*6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

**SUPERIOR BOILER**

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-3500-W30

SCALE

DRAWING No

1/70

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