



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	10" 150# FLANGE	HORSEPOWER	800
B.(1) WATER RETURN	10" 150# FLANGE	DESIGN PRESSURE	30 PSIG WATER
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F F
D.(5) SAFETY VALVE	2" NPT	GROSS OUTPUT	287,920 BHP
E.(1) SAFETY VALVE	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	168,312 BTU/CuFt
F.(1) BOILER DRAIN	2" NPT	RATED INPUT	33,475 MBH
G.(4) WATER CIRCULATION	3" NPT	HEATING SURFACE (ASME)	4028 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	194.03 SqFt
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:	
K.(1) CLEANOUT	17" ID	FURNACE ONLY	198.89 CuFt
L.(1) AIR VENT	2" NPT	TURNAROUND VOLUME	89.24 CuFt
M.(1) LOW FIRE HOLD	1/2" NPT		
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:	
P.(1) AQUASTAT	3/4" NPT	(FULL)	6,127 Gd @ 50,984 Lbs
Q.(1) STACK TEMP	1/2" NPT		
R.()		SHIPPING WEIGHT:	50,100 Lbs
S.()			

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" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

MOHICAN

BOILER MODEL

7-5-4000-W30

SCALE

DRAWING No

1/70

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