



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY

REPRESENTATIVE

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	50*
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F
D.(1) SAFETY VALVE	1 1/4" NPT	GROSS OUTPUT	1874 MBH*
E.() SAFETY VALVE		HEAT RELEASE: (FURNACE ONLY)	71856 BTU/CuFt*
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	2092 MBH*
G.() WATER CIRCULATION		HEATING SURFACE (ASME)	296 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.38 SqFt
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:	
K.(1) CLEANOUT	17" ID	FURNACE ONLY	29.12 CuFt
L.(1) AIR VENT	1 1/2" NPT	TURNAROUND VOLUME	18.84 CuFt
M.(1) LOW FIRE HOLD	1/2" NPT		
N.(4) AQUASTAT	1/2" NPT	WATER CAPACITY:	
P.(1) AQUASTAT	3/4" NPT	(FULL)	815 Gal @ 6,781 Lbs
Q.(1) STACK TEMP	1/2" NPT		
R.(1) SIGHT PORT	1" NPT	SHIPPING WEIGHT:	8,700 Lbs
S.()			

A 10-1-00 DWG NO WAS 6A90463, HS WAS 297, SW WAS 8600#, DELETE OPS

NOTES

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

SUPERIOR
BOILER

CHECKED BY
S. ANDERSON
DRAWN BY
A. REUSSER

DATE
4-14-06
DATE
4-14-06

MOHICAN BOILER MODEL
MS7-X-250-W30-GPCF-DG/P2

SCALE DRAWING No

1/44

6090463 & 6090693

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