



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	80
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 PSIG WATER
C.(3) LWCO	1" NPT	DESIGN TEMPERATURE	250°F
D.(1) SAFETY VALVE	1 1/4" NPT	GROSS OUTPUT	2678 MBH
E.(1) SAFETY VALVE	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	145137 BTU/CuFt
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	3348 MBH
G.(1) WATER CIRCULATION	1 1/2" NPT	HEATING SURFACE (ASME)	414 SqFt
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	47.30 SqFt
J.(1) MANWAY	12" x 16"	FURNACE VOLUME:	
K.(1) CLEANOUT	17" ID	FURNACE ONLY	23.08 CuFt
L.(1) AIR VENT	1 1/2" NPT	TURNAROUND VOLUME	18.64 CuFt
M.(1) LOW FIRE HOLD	1" NPT		
N.(3) AQUASTAT	1/2" NPT	WATER CAPACITY:	
P.(2) AQUASTAT	1" NPT	(FULL) 1,025 Gal	8,523 Lbs
Q.(1) STACK TEMP	3/4" NPT		
R.(1) SIGHT PORT	1" NPT	SHIPPING WEIGHT:	9,500 Lbs
S.(1)			

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 $\pm 1/2"$ UNLESS OTHERWISE NOTED.
- *6. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

SUPERIOR
BOILER

CHECKED BY

DRAWN BY

DATE

DATE

MOHICAN

BOILER MODEL

7-5-400-W30

SCALE

DRAWING No

1/45

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