



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) WATER OUTLET	4" NPT	HORSEPOWER	70
B.(1) WATER RETURN	4" NPT	DESIGN PRESSURE	30 P.S.I.G. STEAM
C.(4) LWCO	1" NPT	DESIGN TEMPERATURE	250°F
D.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2343 MBH.
E.(1) SAFETY VALVE	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	147408 BTU/CU.FT.
F.(1) BOILER DRAIN	1 1/2" NPT	RATED INPUT	2929 MBH.
G.(1) WATER CIRCULATION	3" x 4"	HEATING SURFACE (ASME)	355 SQ. FT.
H.(5) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	40.71 SQ.FT.
J.(1) MANWAY		FURNACE VOLUME:	
K.(1) CLEANOUT	15" ID	FURNACE ONLY	19.87 CU.FT.
L.(1) AIR VENT	1 1/2" 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)			
S.(1)			

WATER CAPACITY:
(FULL) 720 GAL. @ 5987 LBS.

SHIPPING WEIGHT: 8500 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 IV.
- BOILER INSULATED WITH 2" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
- ALL DIMENSIONS ±1/2 UNLESS OTHERWISE NOTED.

SUPERIOR
BOILER

CHECKED BY

DATE

DRAWN BY

DATE

AZTEC

BOILER MODEL

5-5-353-W30-

SCALE

DRAWING No

1/32

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