



BOILER CONNECTIONS

RATINGS & CAPACITIES

LIN DATE

REVISION

BY REPRESENTATIVE

A.(1) STEAM OUTLET	2" NPT	HORSEPOWER	80"
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 P.S.I.G. STEAM
C.(1) SAFETY VALVE	1 1/2" NPT	GROSS OUTPUT	2009 MBH.
D.(1) SAFETY VALVE		STEAM (FROM & AT 212F)	2070 LB/HR.
E.(1) BOILER BLOWDOWN	1" NPT	HEAT RELEASE (FURNACE ONLY)	157,330 BTU/CLF.
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2511 MBH.
G.(1) MANWAY	12" x 18"	HEATING SURFACE (ASME)	307 SQ. FT.
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	45.12 SQ. FT.
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME:	
K.(2) FEEDWATER	1" NPT	FURNACE ONLY	15.98 CU. FT.
L.(1) AUXILIARY VENT	1 1/2" NPT	STEAMING VOLUME	10.65 CU. FT.
M.(1) LOW FIRE HOLD		STEAM RELEASE AREA	25.98 SQ. FT.
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1)		(FULL)	714 GAL. • 5,938 LBS.
Q.(1)		(NWL)	634 GAL. • 5,278 LBS.
R.(1)		SHIPPING WEIGHT:	7,800 LBS.
S.(1)			

NOTES

- ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
- SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
- REAR DOOR SWING:
 - MIN SIDE, MAX REAR
 - MAX SIDE, MIN REAR
- BOILER DESIGN CODE: ASME SECTION I
- BOILER INSULATED WITH 2" - 6# DENSITY MINERAL FIBER
- INSULATION WITH 22 GAUGE STEEL JACKET.
- ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SQ/FT FRING.

SUPERIOR BOILER

CHECKED BY

DATE

DRAWN BY

DATE

AZTEC

BOILER MODEL

4-5-304-S150

SCALE

DRAWING No

1/36

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