



BOILER CONNECTIONS		RATINGS & CAPACITIES		LTR		DATE		REVISION		BY		REPRESENTATIVE	
A.(1) STEAM OUTLET	4"-300# FLANGE	HORSEPOWER	125*										?
B.(4) LWCO	1" NPT	DESIGN PRESSURE	150 PSIG STEAM										
C.(2) SAFETY VALVE	2" NPT	GROSS OUTPUT	4184 MBH*										
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	4312 Lbs/Hr*										
E.(1) BOILER BLOWDOWN	1 1/4" NPT	HEAT RELEASE: (FURNACE ONLY)	127,843 BTU/CuFt*										
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	5230 MBH*										
G.(1) MANWAY	12" x 16"	HEATING SURFACE (ASME)	634 SqFt										
H.(4) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	75.06 SqFt										
J.(1) CLEANOUT PORT	17" ID	FURNACE VOLUME:											
K.(2) FEEDWATER	1 1/4" NPT	FURNACE ONLY	40.91 CuFt										
L.(1) AUXILIARY/VENT	2" NPT	STEAMING VOLUME	8.02 CuFt										
M.(1) LOW FIRE HOLD	1/2" NPT	STEAM RELEASE AREA	27.36 SqFt										
N.(1) STACK TEMP	1/2" NPT	WATER CAPACITY:											
P.(1) SIGHTPORT	1" PIPE	(FULL) 1,130 Gal	9,399 Lbs										
Q.()		(NWL) 1,070 Gal	8,901 Lbs										
R.()		SHIPPING WEIGHT:	12,600 Lbs										
S.()													

NOTES

1. ALL CONTROLS MOUNTED AS PER SPECIFICATION SHEET.
2. SPECIFICATION SHEET TAKES PRIORITY OVER R & D SHEET.
3. REAR DOOR SWING:
 - (1) MIN SIDE, MAX REAR
 - (2) MAX SIDE, MIN REAR
4. BOILER DESIGN CODE ASME SECTION I.
5. BOILER INSULATED WITH 2" - 8# DENSITY MINERAL FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
6. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *7. HORSEPOWER & RELATED INFO BASED ON 5 SqFt FIRING.

CHECKED BY
?

DRAWN BY
?

DATE

DATE

AZTEC

SCALE
1/48

BOILER MODEL
5-X-625-S150

DRAWING No
?

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