



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE:

A.(1) STEAM OUTLET	6" 150# FLG	HORSEPOWER	70
B.(4) LWCO	1" NPT	DESIGN PRESSURE	15 PSIG STEAM
C.(1) SAFETY VALVE	2" NPT	GROSS OUTPUT	2344 MBH
D.() SAFETY VALVE		STEAM (FROM & AT 212°F)	2415 Lbs/Hr
E.(1) BOILER BLOWDOWN	1 1/2" NPT	HEAT RELEASE: (FURNACE ONLY)	184148 BTU/CuFt
F.(1) SURFACE BLOWDOWN	1" NPT	RATED INPUT	2858 MBH
G.()		HEATING SURFACE (ASME)	283 SqFt
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	37.28 SqFt
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	17.04 CuFt
K.(2) FEEDWATER	1" NPT	TURNAROUND VOLUME	4.44 CuFt
L.(1) AUXILIARY	2" NPT	STEAMING VOLUME	13.58 CuFt
M.() LOW FIRE HOLD		STEAM RELEASE AREA	17.70 SqFt
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(1) PRESSURETROL	3/4" NPT	(FULL)	378 Gals @ 3.148 Lbs
Q.(1) CLEANOUT	2" NPT	(NWL)	277 Gals @ 2.303 Lbs
R.()		SHIPPING WEIGHT:	6,300 Lbs
S.()			

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 1" OF INSULATION AND JACKETED WITH 22 GAUGE STEEL.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.



CHECKED BY

DATE

M. MATALLAH

9-6-12

ARROWHEAD

BOILER MODEL

AR-4-280-S15-PFCF-G

SCALE

DRAWING No

1/34

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