



BOILER CONNECTIONS

RATINGS & CAPACITIES

LTR DATE

REVISION

BY REPRESENTATIVE

A.(1) WATER OUTLET	3" NPT	HORSEPOWER	40
B.(1) WATER RETURN	3" NPT	DESIGN PRESSURE	15 PSIG STEAM
C.(3) LWCO	1" NPT	GROSS OUTPUT	1339 MBH
D.(1) SAFETY VALVE	1" NPT	STEAM (FROM & AT 212°F)	1380 Lbs/Hr
E.() SAFETY VALVE		HEAT RELEASE (FURNACE ONLY)	136932 BTU/GAL
F.(1) BOILER DRAIN	1 1/4" NPT	RATED INPUT	16674 MBH
G.() HANDHOLE		HEATING SURFACE (ASME)	166 SqFt
H.(6) HANDHOLE	3" x 4"	FURNACE HEATING SURFACE	28.72 SqFt
J.(1) SIGHTPORT	1 1/4" PIPE	FURNACE VOLUME	12.22 CuFt
K.(1) AIR VENT	1" NPT	TURNAROUND VOLUME	3.94 CuFt
L.(1) AUXILIARY	3/4" NPT	STEAMING VOLUME	10.99 CuFt
M.() LOW FIRE HOLD		STEAM RELEASE AREA	13.99 SqFt
N.(2) STACK TEMP	1/2" NPT	WATER CAPACITY:	
P.(5) AQUASTAT	1" NPT	(FULL) 300 Gals	2,484 Lbs
Q.(1) CLEANOUT	2" NPT	(NWL) 218 Gals	1,810 Lbs
R.()		SHIPPING WEIGHT:	? 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"-6# DENSITY CERAMIC FIBER INSULATION WITH 22 GAUGE STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
- *6. HORSEPOWER & RELATED INFO BASED ON 4 SqFt FIRING.



ARROWHEAD

BOILER MODEL
AR-4-160-S15-M

SCALE

1/34

CHECKED BY

DRAWN BY

DATE

DATE

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