



BOILER CONNECTIONS

A.(1)	STEAM OUTLET	2 1/2" NPT
B.(2)	LWCO	1" NPT
C.(1)	ALWCO	3/4" NPT
D.(1)	SAFETY VALVE	1" NPT
E.(1)	BOILER BLOWDOWN	1 1/4" NPT
F.()	PRESSURETROL	
G.(1)	FEEDWATER	2" NPT
H.(4)	INSPECTION	1 1/2" NPT
J.(1)	SIGHTPORT	2" PIPE
K.(1)	SKIM TAP	3/4" NPT
L.(2)	SIGHT GLASS	1/2" NPT
M.(1)	CLEANOUT	3" NPT
N.(1)	FLUE OUTLET	3" NPT
P.()		
Q.()		
R.()		
S.()		

RATINGS & CAPACITIES

DESIGN PRESSURE	15 PSIG STEAM
GROSS OUTPUT	335 MBH
STEAM (FROM & AT 212°F)	258 Lbs/Hr
HEAT RELEASE: (FURNACE ONLY)	125,755 BTU/CuFt
RATED INPUT	399 MBH
HEATING SURFACE (ASME)	29 SqFt
FURNACE HEATING SURFACE	7.28 Ft
FURNACE VOLUME	2.39 CuFt
STEAMING VOLUME	1.10 CuFt
STEAM RELEASE AREA	1.59 SqFt
WATER CAPACITY:	
(FULL)	31.5 Gdis @ 262 Lbs
(NWL)	25.3 Gdis @ 210 Lbs
SHIPPING WEIGHT:	1,100 Lbs

LTR DATE

REVISION

BY

REPRESENTATIVE:

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 & COVERED W/22 GA. STEEL JACKET.
5. ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.



TRIAD

BOILER MODEL

300-LP

SCALE

1/20

CHECKED BY

DRAWN BY

DATE

DATE

PROJECT:

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