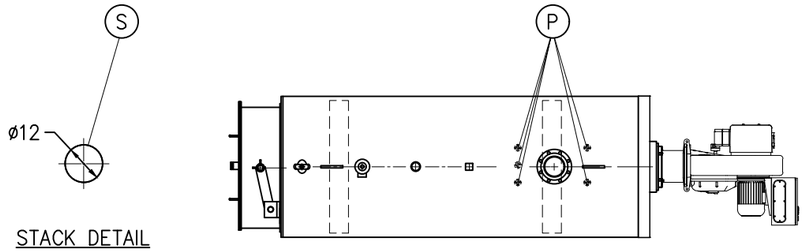
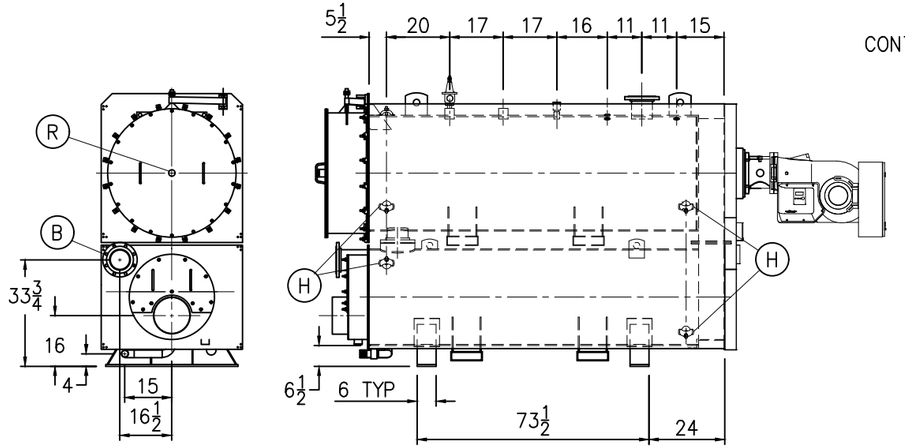
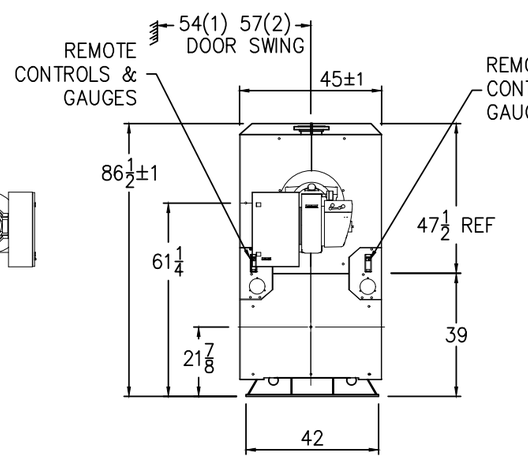
BOILER CONNECTIONS	
A.(1) WATER OUTLET	6" 150# FLANGE
B.(1) WATER RETURN	6" 150# FLANGE
C.(1) LWCO	1" NPT
D.(1) SAFETY VALVE	2" NPT
E.( ) SAFETY VALVE	
F.(1) BOILER DRAIN	2" NPT
G.( ) WASHOUT	
H.(8) HANDHOLE	3" x 4"
J.(1) CONDENSATE DRAIN	1 1/2" NPT
K.(1) RISER/DOWNCOMER	6" 150# FLANGE
L.(1) AUXILIARY/VENT	2" NPT
M.( ) LOW FIRE HOLD	
N.( ) AQUASTAT	
P.(5) AQUASTAT	3/4" NPT
Q.( ) STACK TEMP	
R.(1) SIGHT PORT	2" NPT
S.(1) STACK	12" ID

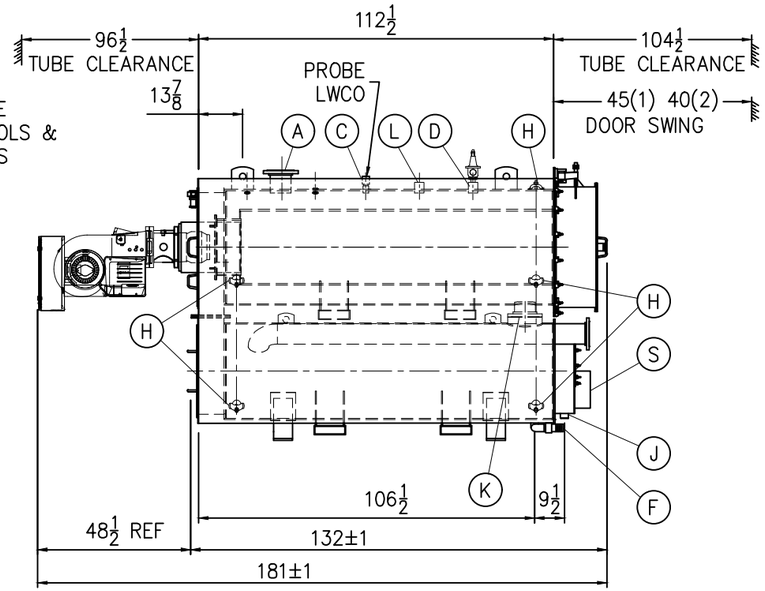
RATINGS & CAPACITIES	
RATED INPUT	4000 MBH
GROSS OUTPUT	3800 MBH
DESIGN PRESSURE	160 PSI WATER
DESIGN TEMPERATURE	210 F
HEAT RELEASE (FURNACE ONLY)	168,256 BTU/CuFt
HEAT SURFACE (ASME)	454 SqFt
FURNACE HEATING SURFACE	49.61 SqFt
FURNACE VOLUME	23.77 CuFt
WATER VOLUME (FULL)	423 GAL
WATER WEIGHT	3,516 LBS
SHIPPING WEIGHT	7,330 LBS



STACK DETAIL







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) ALL DIMENSIONS ARE ±1/2" UNLESS OTHERWISE NOTED.
5) REAR DOOR SWING:
   (1) MIN SIDE, MAX REAR
   (2) MAX SIDE, MIN REAR
6) TUBE CLEARANCE REQUIRED FROM ONE SIDE ONLY.
7) AERCO RESERVES THE RIGHT TO MODIFY BOILER DIMENSIONS WITHOUT PRIOR NOTICE.

AERCO A WATTS Brand
100 ORITANI DRIVE | BLAUVELT, NY 10913
aerco.com

MFC II 4000 MBH
DIMENSIONAL DRAWING

DWN.BY K.S. DATE 011626 SCALE NTS REV.BY K.S. DATE 052626	AP-A-1107	REV. B