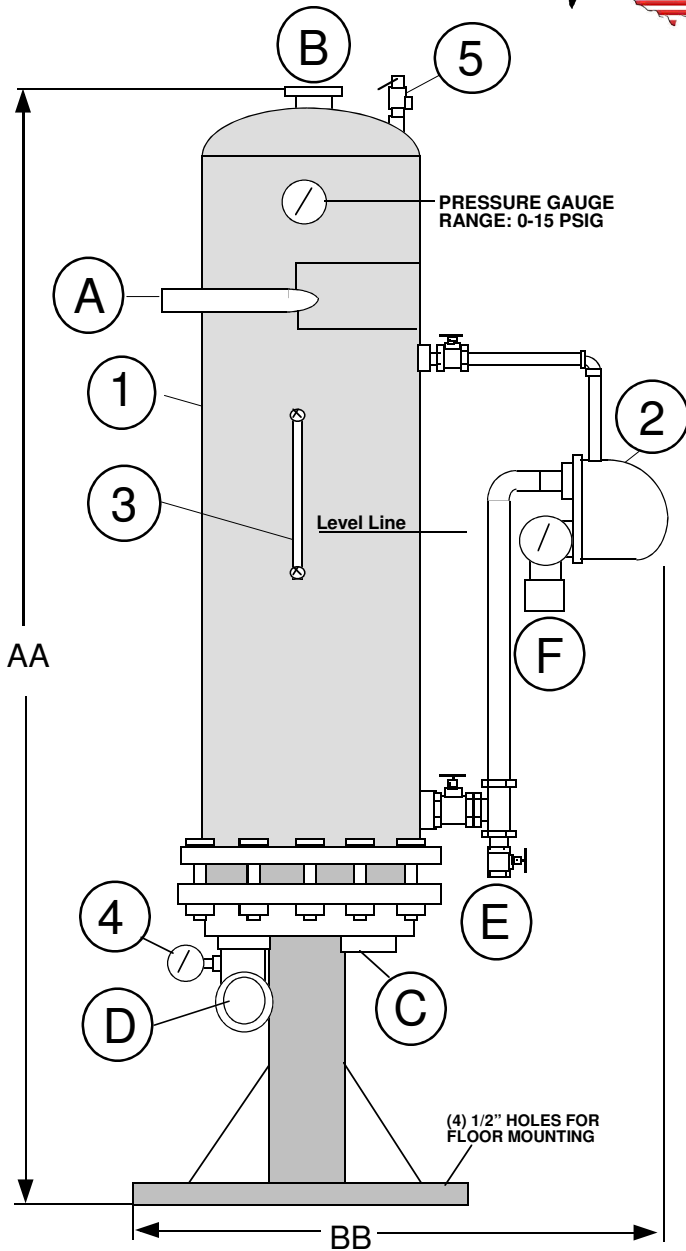




SUBMITTAL DATA

BBHR-1048 Series

Boiler Blowdown Heat Recovery System



Standard Features

- Packaged and Tested Complete System - requires only service hook-up connections for operation
- ASME CODE Stamped Flash Separator, and internal heat exchanger
- Stainless Steel Inlet Separator Wear Plate for Long Life
- Internal 304 Stainless Steel Cooling Coil Heat Exchanger- Ultimate in Heat Transfer
- Float Operated Level Control System - for complete operating range stability
- Pressure and Temperature Instruments

CONDITIONS OF SERVICE:

Blowdown Rate: 7,000 lbs/hr Max
 Blowdown Temperature: 366F Max (150 PSIG)
 Flash Separator Pressure: 5 to 7 psig (DA Pressure)
 Blowdown Outlet Temperature: 140F
 Makeup Water Max Flowrate: 130 GPM
 Inlet Feed Water Temperature: _____
 Outlet Feed Water Temperature: _____
 Note: Outlet feed water temperature will vary depending upon makeup demand, and the boiler blowdown rate.

DIMENSIONS

AA 90"
BB 39"
Width: 24"

EQUIPMENT LISTING

TAG	DESCRIPTION
1	10" x 48" Flash Separator, 150 psig ASME CODE Section VIII stamped, carbon steel construction, tangential inlet w/ stainless wear plate, 304 stainless steel internal U tube exchanger with baffles for cooling.
2	Thermaflo FT Float Operated Modulating Level Controller
3	200 psig Conbraco ASME Sight Glass Assembly.
4	Outlet Makeup Water Temperature Gauge 3" Dial 50-250F Range
5	1.5" Kunkle ASME Safety Relief Valve set @ 125 psig

CONNECTION SCHEDULE

TAG	DESCRIPTION
A	2" NPT Blowdown Inlet Connection
B	4" 150lb Flash Steam to 5 psig
C	3" NPT Hot Feed Water to Feed Tank
D	3" 150lb Cold Feed water Inlet
E	2" NPT Drain Outlet
F	2" Cooled Blowdown Outlet



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