



Lochinvar[®]
HIGH EFFICIENCY BOILERS & WATER HEATERS

**BUFFER TANK
Hydraulic Separator
Submittal Sheet**

BVU-Sub-03

BUFFER TANK / HYDRAULIC SEPARATOR

Job Name: _____ Model No. _____ Gal. Cap. _____
Location: _____ Tank Construction _____
Engineer: _____ Working Pressure _____
Agent/Wholesaler: _____ Dimensions _____
Contractor: _____ Tappings _____
Notes:

Standard Features

- > ASME Section VIII, U-Stamp -
125psi working pressure at 400°F
- > Jacketed and Insulated
- > Channel Iron Skid Mounted
- > Auto Air Vent
- > Flanged System and Boiler Supply/Return
Connections (Models 300 and above)
- > 3" NPT System and Boiler Supply/Return
Connections (Models 120 & 200)
- > 5 Year System and Boiler Limited Warranty
(see warranty for details)

Optional Equipment

Place an X in the box by all options that apply

Temperature Gauge
Pressure Gauge
Lifting Lugs (Standard on BVU750 & BVU1000)
Handhole 4 x 6

Flanged Connections

3"
4"
5"- 300 & above
6"- 300 & above
8"- 300 & above
10"- 300 & above

***Consult factory for specific "C", "D" and "E"
dimensions**

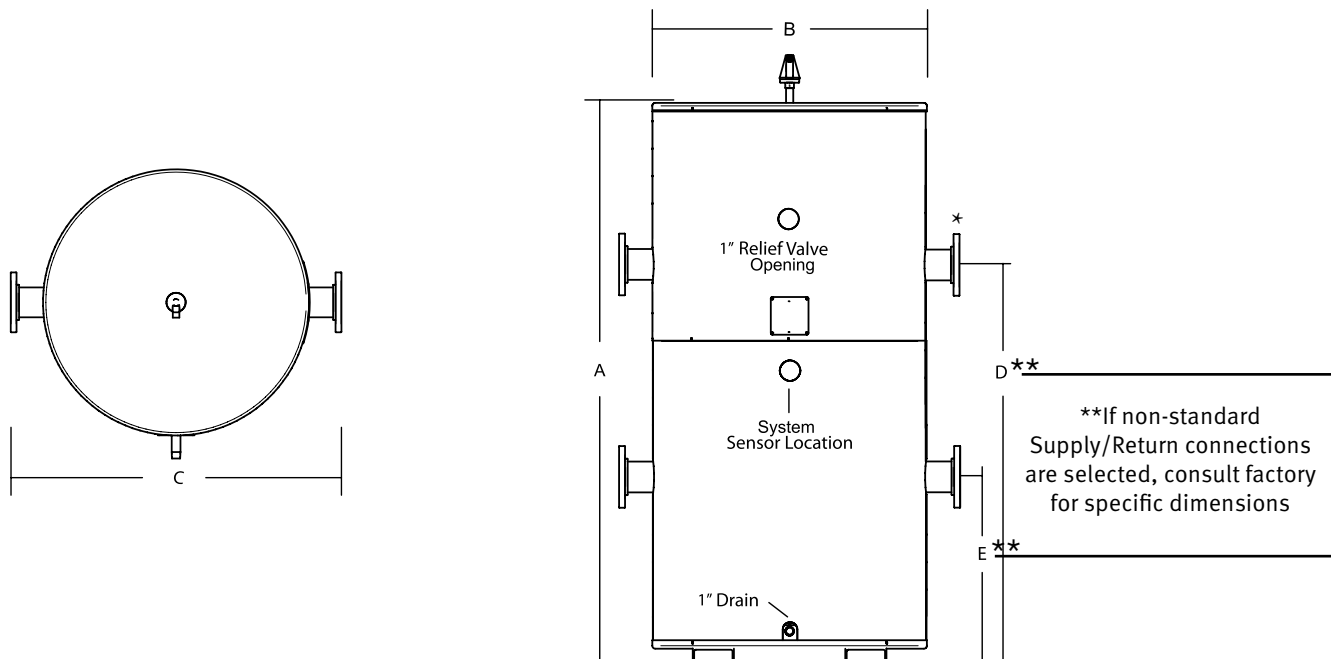
Extra Tappings

1" NPT
1.25" NPT
1.5" NPT
2" NPT
2.5" NPT
3" NPT
4" NPT

Manway

12x16 - 300 & above

Buffer Tank Air Eliminator Dimensions & Specifications



Model Number	Gallon Capacity	A	B	C	D **	E **	Supply/Return Connections	Weight (lbs.)
BVU120*	120	59-1/2"	32"	NA*	43-3/4"	19-3/4"	3" Female NPT	500
BVU200*	200	89-1/2"	32"	NA*	73-3/4"	19-3/4"	3" Female NPT	900
BVU300	300	80"	40"	50"	57-1/2"	26-1/2"	4" Flange	1290
BVU400	400	80"	46"	56"	55"	29"	6" Flange	1626
BVU500	500	91"	46"	56"	66"	29"	6" Flange	1765
BVU750	750	104"	52"	62"	77"	31"	6" Flange	2330
BVU1000	1000	128"	52"	62"	101"	31"	6" Flange	3010

Notes: * BVU120 and BVU200 - Standard 3" Female NPT Connections that are flush with the jacket.

Custom Sizes and Configurations are Available. Consult Factory for details.

Additional Recirculation & Supply Return Connections Sizes Available. Consult Factory for details.

Lochinvar does not recommend pre-piping any system based on general reference documentation.