



Lochinvar[®]
HIGH EFFICIENCY BOILERS & WATER HEATERS

**BUFFER TANK
Hydraulic Separator
Submittal Sheet**

BVU-Sub-02

BUFFER TANK / HYDRAULIC SEPARATOR

JOB NAME _____

LOCATION _____

ENGINEER _____

WHOLESALE _____

MECH. CONTRACTOR _____

MODEL NO. _____

GALLON CAPACITY _____

TANK CONSTRUCTION _____

WORKING PRESSURE _____

DIMENSIONS _____

NOTES

TAPPINGS:

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
- Handhole 4 x 6

Flanged Connections

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

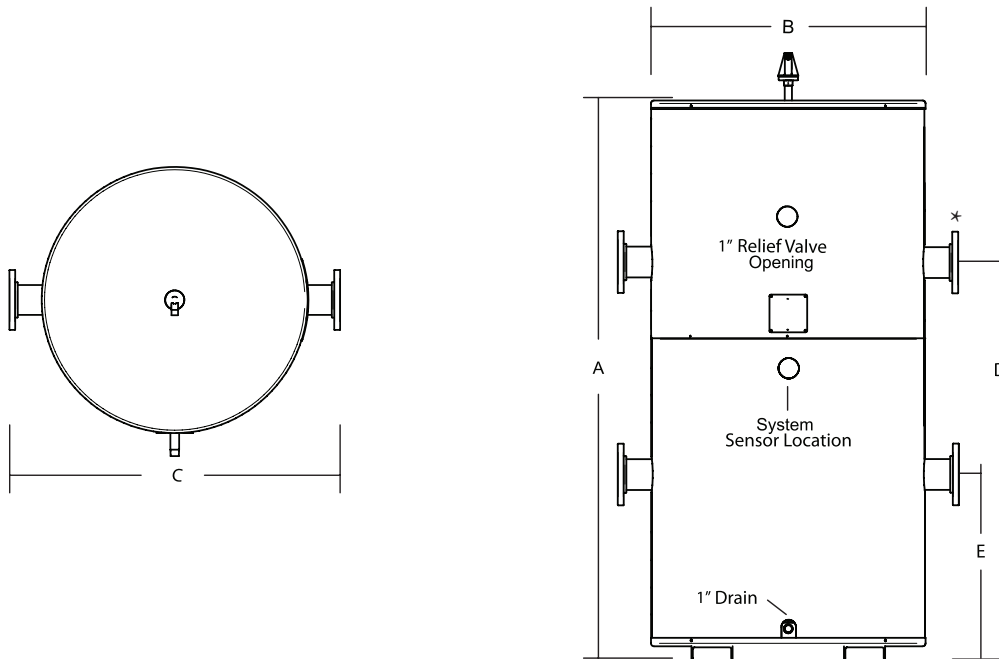
Extra Tappings

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

Manway

- 11x15 - 300 & above
- 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"	32"	43-3/4"	19-3/4"	3" Female NPT	500
BVU200*	200	89-1/2"	32"	32"	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, LLC
 300 Maddox Simpson Parkway
 Lebanon, Tennessee 37090
 P: 615.889.8900 / F: 615.547.1000



H