



**CHILLED WATER
BUFFER TANK
Submittal Sheet**

CHILLED WATER BUFFER TANK

JOB NAME _____

LOCATION _____

ARCH./ENGR. _____

WHOLESALE _____

MECH. CONTRACTOR _____

MODEL NO. _____

GALLON CAPACITY _____

TANK CONSTRUCTION _____

WORKING PRESSURE _____

DIMENSIONS _____

WATER CONNECTION SIZE _____

WATER CONNECTION TYPE _____

NOTES:

Standard Features

- Vertical Internal Baffle to encourage proper mixing of fluid
- 125 PSI Working Pressure
- ASME Sec VIII, U-Stamped Vessel
- Flanged Connections
- 5 Year Limited Warranty (see warranty for details)

Available Configurations

Place an X in the box by the configuration that applies

- Buffer Tank w/ Upper Connections
- Buffer Tank w/ Lower Connections

Optional Equipment

Place an X in the box by all options that apply

- Temperature and Pressure Gauge
- R-12 Spray Foam with UV Resistant Exterior
- Handhole 4"x6"
- Automatic Air Vent
- Manway 12"x16" (300 & above)
- Lifting Lugs

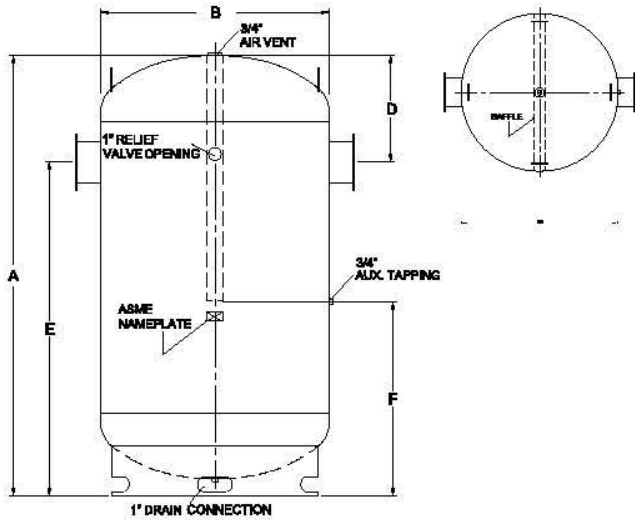
Flanged Connections

- 3"
- 4"
- 5"
- 6"
- 8" (300 & above)

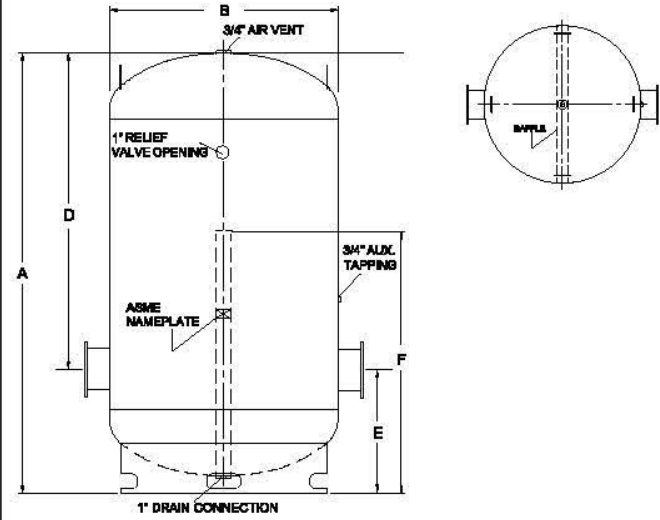
Additional Tappings

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

Chilled Water Buffer Tank w/Upper Connections



Chilled Water Buffer Tank w/Lower Connections



Model Number	Gallon Capacity	A	B	D	E	F	Max. Connection Diameter*	Weight (lbs.)
CVU120	120	56"	28"	20"	36"	19"	6"	298
CVU200	200	86"	28"	20"	66"	29"	6"	430
CVU300	300	76"	36"	23"	53"	25"	8"	533
CVU400	400	76"	42"	25"	52"	25"	8"	818
CVU500	500	87"	42"	25"	62"	29"	8"	930
CVU750	750	100"	48"	27"	73"	33"	8"	1430
CVU1000	1000	124"	48"	27"	97"	41"	8"	1733

Notes: * For Larger Sizes Consult Factory
 Custom Sizes and Configurations are Available. Consult Factory for details

Model Number	Gallon Capacity	A	B	D	E	F	Max. Connection Diameter*	Weight (lbs.)
CVL120	120	56"	28"	32"	24"	37"	6"	298
CVL200	200	86"	28"	62"	24"	57"	6"	430
CVL300	300	76"	36"	49"	27"	50"	8"	533
CVL400	400	76"	42"	48"	29"	50"	8"	818
CVL500	500	87"	42"	58"	29"	58"	8"	930
CVL750	750	100"	48"	69"	31"	66"	8"	1430
CVL1000	1000	124"	48"	93"	31"	82"	8"	1733

Notes: * For Larger Sizes Consult Factory
 Custom Sizes and Configurations are Available. Consult Factory for details

When ordering it is necessary to specify a water connection size and type.

Buffer Tank Sizing Formula:

$$\text{Buffer Tank Size} = (\text{Required System Volume}) - (\text{Actual System Volume})$$



FLO FAB

