

CHILLED WATER BUFFER TANK Submittal Sheet

CWB-Sub-02

CHILLED WATER BUFFER TANK

JOB NAME	
LOCATION	
ENGINEER_	
WHOLESALER	
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
- · Lifting Lugs
- · Red Oxide Paint
- 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

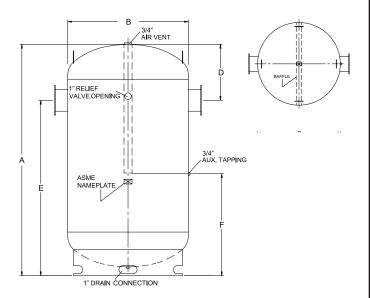
Temperature and Pressure Gauge R-12 Spray Foam with UV Resistant Exterior Handhole 4"x6" Automatic Air Vent Manway 12"x16" (300 & above)

Flanged Connections	NPT Connections
3"	2"
4"	2-1/2"
5"	3"
6"	
8" (300 & above)	

Additional Tappings

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

Chilled Water Buffer Tank w/Upper Connections

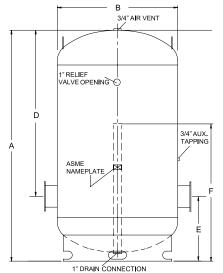


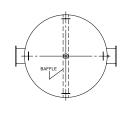
Model Number	Gallon Capacity	. А	В	D	E	F	Max. Connection Diameter*	Weight (lbs.)
CVU120	120	56"	28"	20"	36"	19"	6"	298
CVU200	200	86"	28"	20"	66"	29"	6"	430
CVU300	300	76"	36"	23"	53"	25"	8"	533
CVU400	400	76"	42"	25"	52"	25"	8"	818
CVU500	500	87"	42"	25"	62"	29"	8"	930
CVU750	750	100"	48"	27"	73″	33"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

Chilled Water Buffer Tank w/Lower Connections





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

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:

Buffer Tank Size = (Required System Volume) - (Actual System Volume)



