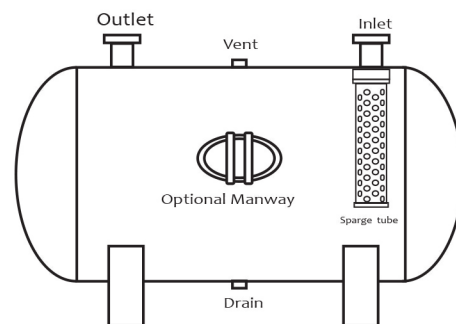
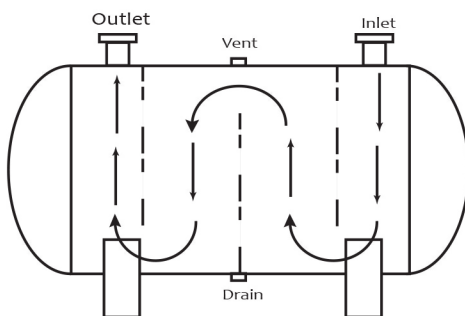
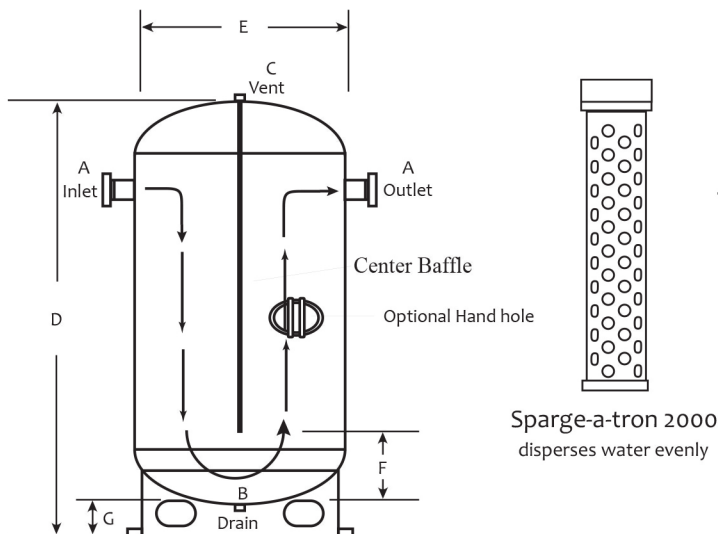


# Chilled Water Buffer Tanks



Buffer tanks are essential components in modern day chiller and heating systems and these tanks are designed to increase the systems capacity so water temperatures stabilize within the manufacturers recommendations. When the cooling system piping capacity is under sized, compressors will short cycle and temperature control is harder to maintain within the building. Chiller manufacturers recommend between 3 and 10 gallons per ton of nominal cooling capacity in the piping system, Depending on the level of accuracy of temperature control, higher volumes may be required.



Manways are optional on all closed loop systems

Inlets and outlets can be re-positioned in the shell of the tank if required

All tanks are constructed and certified in accordance with the ASME section VIII, Div. I code

Topcoat Spray foam insulation is available, R-16 value

Red Oxide shop primer on bare tanks

Custom sizes are available

Grooved, Flanged and NPT connections available

Interior linings are available

304 and 316L Stainless Steel is available

Sparge-a-tron 2000 is shipped loose

Model	Gal.	A	B	C	D	E	F	G	Weight
BCBT-24-072	130	2" NPT	1"	1"	78"	24"	20"	6"	375
BCBT-30-075	210	3" Flg	1"	1"	81"	30"	24"	6"	425
BCBT-36-072	300	4" Flg	1"	1"	78"	36"	24"	6"	633
BCBT-36-094	400	4" Flg	1"	1"	100"	36"	30"	6"	715
BCBT-42-084	460	4" Flg	1"	1"	90"	42"	28"	6"	1250
BCBT-48-077	528	6" Flg	1"	1"	83"	48"	31"	6"	1150
BCBT-48-141	1000	6" Flg	1"	1"	147"	48"	47"	6"	1957
BCBT-54-096	850	6" Flg	1"	1"	102"	54"	32"	6"	1630
BCBT-60-096	1040	8" Flg	1"	1"	102"	60"	32"	6"	2280