



# CHILLED WATER BUFFER TANKS

CWBT Series for Closed Loop Chiller Systems ASME

125 PSIG Working Pressure

## Construction

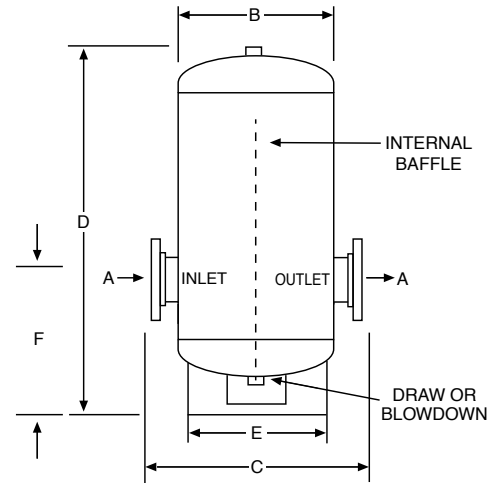
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	1-Year

## Application

- For use in closed loop chiller systems.
- Available with optional seismic restraints.
- Designed and constructed per ASME Code Section VIII, Division 1.



## ASME Models

Model Number	Volume Gal	Dimensions						Shipping Weight	
		Conn. Size A	B	C	D	E	F	Lbs	Kg
		In	In	In	In	In	In		
CWBT120-3-125	120	3	24	33	55 <sup>3</sup> / <sub>4</sub>	16	15	294	133
CWBT120-4-125	120	4	24	33	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	315	143
CWBT120-6-125	120	6	24	33	55 <sup>3</sup> / <sub>4</sub>	16	16 <sup>1</sup> / <sub>2</sub>	333	151
CWBT200-3-125	200	3	30	39	62 <sup>3</sup> / <sub>8</sub>	24	21 <sup>1</sup> / <sub>2</sub>	527	239
CWBT200-4-125	200	4	30	39	62 <sup>3</sup> / <sub>8</sub>	24	22	547	248
CWBT200-6-125	200	6	30	39	62 <sup>3</sup> / <sub>8</sub>	24	23	566	257
CWBT300-4-125	300	4	36	45	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	753	342
CWBT300-6-125	300	6	36	45	80 <sup>3</sup> / <sub>8</sub>	30	33 <sup>1</sup> / <sub>8</sub>	772	350
CWBT300-8-125	300	8	36	45	80 <sup>3</sup> / <sub>8</sub>	30	34 <sup>1</sup> / <sub>8</sub>	801	363
CWBT500-6-125	500	6	42	51	99 <sup>1</sup> / <sub>2</sub>	30	36 <sup>1</sup> / <sub>2</sub>	1366	620
CWBT500-8-125	500	8	42	51	99 <sup>1</sup> / <sub>2</sub>	30	37 <sup>1</sup> / <sub>2</sub>	1395	633
CWBT500-10-125	500	10	42	51	99 <sup>1</sup> / <sub>2</sub>	30	38 <sup>1</sup> / <sub>2</sub>	1490	676
CWBT850-6-125	850	6	54	64	114 <sup>1</sup> / <sub>8</sub>	42	39 <sup>1</sup> / <sub>2</sub>	2707	1228
CWBT850-8-125	850	8	54	64	114 <sup>1</sup> / <sub>8</sub>	42	40 <sup>1</sup> / <sub>2</sub>	2736	1241
CWBT850-10-125	850	10	54	64	114 <sup>1</sup> / <sub>8</sub>	42	41 <sup>1</sup> / <sub>2</sub>	2771	1257
CWBT1040-8-125	1040	8	60	70	107 <sup>1</sup> / <sub>8</sub>	45	36	3136	1423
CWBT1040-10-125	1040	10	60	70	107 <sup>1</sup> / <sub>8</sub>	45	37	3171	1438
CWBT1040-12-125	1040	12	60	70	107 <sup>1</sup> / <sub>8</sub>	45	38	3283	1489

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____





# CHILLED WATER BUFFER TANKS

CWBT Series for Closed Loop Chiller Systems ASME

150 PSIG Working Pressure

## Construction

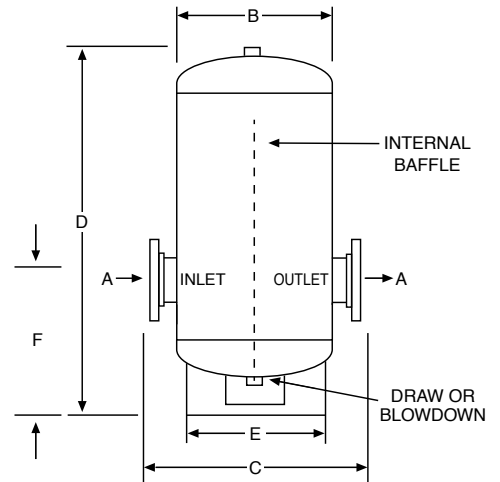
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.3 Bar
Warranty	1-Year

## Application

- For use in closed loop chiller systems.
- Available with optional seismic restraints.
- Designed and constructed per ASME Code Section VIII, Division 1.



## ASME Models

Model Number	Volume Gal	Dimensions						Shipping Weight	
		Conn. Size A	B	C	D	E	F	Lbs	Kg
		In	In	In	In	In	In		
CWBT120-3-150	120	3	24	33	55 <sup>3</sup> / <sub>4</sub>	16	15	323	147
CWBT120-4-150	120	4	24	33	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	347	157
CWBT120-6-150	120	6	24	33	55 <sup>3</sup> / <sub>4</sub>	16	16 <sup>1</sup> / <sub>2</sub>	366	166
CWBT200-3-150	200	3	30	39	62 <sup>3</sup> / <sub>8</sub>	24	21 <sup>1</sup> / <sub>2</sub>	580	263
CWBT200-4-150	200	4	30	39	62 <sup>3</sup> / <sub>8</sub>	24	22	602	273
CWBT200-6-150	200	6	30	39	62 <sup>3</sup> / <sub>8</sub>	24	23	623	283
CWBT300-4-150	300	4	36	45	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>3</sup> / <sub>8</sub>	828	376
CWBT300-6-150	300	6	36	45	80 <sup>3</sup> / <sub>8</sub>	30	33 <sup>3</sup> / <sub>8</sub>	849	385
CWBT300-8-150	300	8	36	45	80 <sup>3</sup> / <sub>8</sub>	30	34 <sup>3</sup> / <sub>8</sub>	881	400
CWBT500-6-150	500	6	42	51	99 <sup>1</sup> / <sub>2</sub>	30	36 <sup>1</sup> / <sub>2</sub>	1503	682
CWBT500-8-150	500	8	42	51	99 <sup>1</sup> / <sub>2</sub>	30	37 <sup>1</sup> / <sub>2</sub>	1535	696
CWBT500-10-150	500	10	42	51	99 <sup>1</sup> / <sub>2</sub>	30	38 <sup>1</sup> / <sub>2</sub>	1639	743
CWBT850-6-150	850	6	54	64	114 <sup>7</sup> / <sub>16</sub>	42	39 <sup>1</sup> / <sub>2</sub>	2978	1351
CWBT850-8-150	850	8	54	64	114 <sup>7</sup> / <sub>16</sub>	42	40 <sup>1</sup> / <sub>2</sub>	3010	1365
CWBT850-10-150	850	10	54	64	114 <sup>7</sup> / <sub>16</sub>	42	41 <sup>1</sup> / <sub>2</sub>	3048	1383
CWBT1040-8-150	1040	8	60	70	107 <sup>7</sup> / <sub>8</sub>	45	36	3450	1565
CWBT1040-10-150	1040	10	60	70	107 <sup>7</sup> / <sub>8</sub>	45	37	3488	1582
CWBT1040-12-150	1040	12	60	70	107 <sup>7</sup> / <sub>8</sub>	45	38	3611	1638

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

