



CHILLED WATER BUFFER TANKS

CWBT Series for Closed Loop Chiller Systems ASME

125 PSIG Working Pressure

Construction

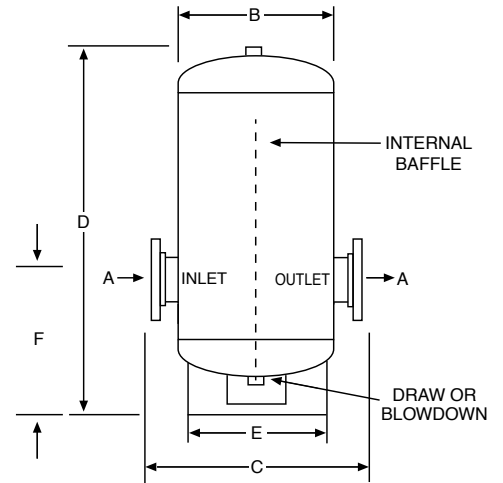
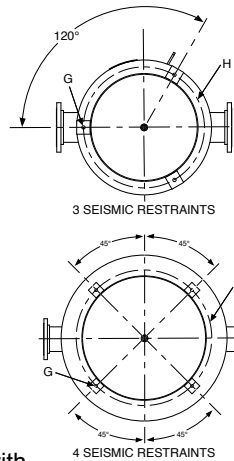
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	3-Years

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						Optional Seismic Restraints			Shipping Weight	
		Conn. Size A	B	C	D	E	F	G Bolt Hole	H Bolt Circle	Number of Restraints	Lbs	Kg
		In	In	In	In	In	In	In	In			
CWBT120-3-125	120	3	24	33	55 ³ / ₄	16	15	⁹ / ₁₆	18	3	294	133
CWBT120-4-125	120	4	24	33	55 ³ / ₄	16	15 ¹ / ₂	⁹ / ₁₆	18	3	315	143
CWBT120-6-125	120	6	24	33	55 ³ / ₄	16	16 ¹ / ₂	⁹ / ₁₆	18	3	333	151
CWBT200-3-125	200	3	30	39	62 ³ / ₈	24	21 ¹ / ₂	³ / ₄	27	3	527	239
CWBT200-4-125	200	4	30	39	62 ³ / ₈	24	22	³ / ₄	27	3	547	248
CWBT200-6-125	200	6	30	39	62 ³ / ₈	24	23	³ / ₄	27	3	566	257
CWBT300-4-125	300	4	36	45	80 ³ / ₈	30	32 ¹ / ₈	⁷ / ₈	34	3	753	342
CWBT300-6-125	300	6	36	45	80 ³ / ₈	30	33 ³ / ₈	⁷ / ₈	34	3	772	350
CWBT300-8-125	300	8	36	45	80 ³ / ₈	30	34 ¹ / ₈	⁷ / ₈	34	3	801	363
CWBT500-6-125	500	6	42	51	99 ¹ / ₂	30	36 ¹ / ₂	⁷ / ₈	34	3	1366	620
CWBT500-8-125	500	8	42	51	99 ¹ / ₂	30	37 ¹ / ₂	⁷ / ₈	34	3	1395	633
CWBT500-10-125	500	10	42	51	99 ¹ / ₂	30	38 ¹ / ₂	⁷ / ₈	34	3	1490	676
CWBT850-6-125	850	6	54	64	114 ⁷ / ₁₆	42	39 ¹ / ₂	⁷ / ₈	46	3	2707	1228
CWBT850-8-125	850	8	54	64	114 ⁷ / ₁₆	42	40 ¹ / ₂	⁷ / ₈	46	3	2736	1241
CWBT850-10-125	850	10	54	64	114 ⁷ / ₁₆	42	41 ¹ / ₂	⁷ / ₈	46	3	2771	1257
CWBT1040-8-125	1040	8	60	70	107 ³ / ₈	45	36	1	49	4	3136	1423
CWBT1040-10-125	1040	10	60	70	107 ³ / ₈	45	37	1	49	4	3171	1438
CWBT1040-12-125	1040	12	60	70	107 ³ / ₈	45	38	1	49	4	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

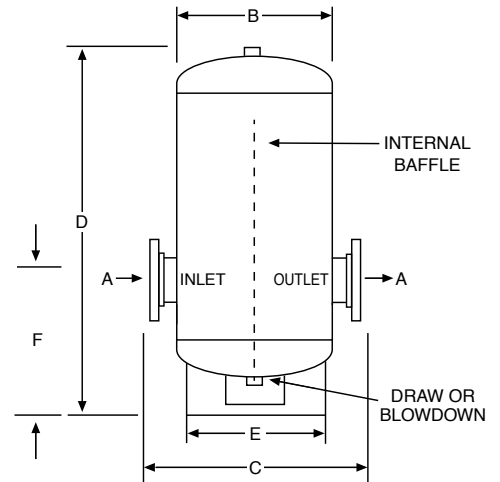
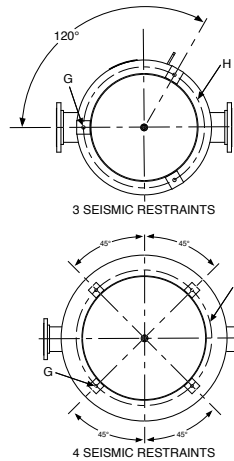
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.3 Bar
Warranty	3-Years

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						Optional Seismic Restraints			Shipping Weight	
		Conn. Size A	B	C	D	E	F	G Bolt Hole	H Bolt Circle	Number of Restraints	Lbs	Kg
		In	In	In	In	In	In	In	In			
CWBT120-3-150	120	3	24	33	55 $\frac{3}{4}$	16	15	$\frac{9}{16}$	18	3	323	147
CWBT120-4-150	120	4	24	33	55 $\frac{3}{4}$	16	15 $\frac{1}{2}$	$\frac{9}{16}$	18	3	347	157
CWBT120-6-150	120	6	24	33	55 $\frac{3}{4}$	16	16 $\frac{1}{2}$	$\frac{9}{16}$	18	3	366	166
CWBT200-3-150	200	3	30	39	62 $\frac{3}{8}$	24	21 $\frac{1}{2}$	$\frac{3}{4}$	27	3	580	263
CWBT200-4-150	200	4	30	39	62 $\frac{3}{8}$	24	22	$\frac{3}{4}$	27	3	602	273
CWBT200-6-150	200	6	30	39	62 $\frac{3}{8}$	24	23	$\frac{3}{4}$	27	3	623	283
CWBT300-4-150	300	4	36	45	80 $\frac{3}{8}$	30	32 $\frac{1}{8}$	$\frac{7}{8}$	34	3	828	376
CWBT300-6-150	300	6	36	45	80 $\frac{3}{8}$	30	33 $\frac{1}{8}$	$\frac{7}{8}$	34	3	849	385
CWBT300-8-150	300	8	36	45	80 $\frac{3}{8}$	30	34 $\frac{1}{8}$	$\frac{7}{8}$	34	3	881	400
CWBT500-6-150	500	6	42	51	99 $\frac{1}{2}$	30	36 $\frac{1}{2}$	$\frac{7}{8}$	34	3	1503	682
CWBT500-8-150	500	8	42	51	99 $\frac{1}{2}$	30	37 $\frac{1}{2}$	$\frac{7}{8}$	34	3	1535	696
CWBT500-10-150	500	10	42	51	99 $\frac{1}{2}$	30	38 $\frac{1}{2}$	$\frac{7}{8}$	34	3	1639	743
CWBT850-6-150	850	6	54	64	114 $\frac{7}{16}$	42	39 $\frac{1}{2}$	$\frac{7}{8}$	46	3	2978	1351
CWBT850-8-150	850	8	54	64	114 $\frac{7}{16}$	42	40 $\frac{1}{2}$	$\frac{7}{8}$	46	3	3010	1365
CWBT850-10-150	850	10	54	64	114 $\frac{7}{16}$	42	41 $\frac{1}{2}$	$\frac{7}{8}$	46	3	3048	1383
CWBT1040-8-150	1040	8	60	70	107 $\frac{7}{8}$	45	36	1	49	4	3450	1565
CWBT1040-10-150	1040	10	60	70	107 $\frac{7}{8}$	45	37	1	49	4	3488	1582
CWBT1040-12-150	1040	12	60	70	107 $\frac{7}{8}$	45	38	1	49	4	3611	1638

All dimensions and weights are approximate.

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

