



# CHILLED WATER BUFFER TANKS

CWBT Series for Closed Loop Chiller Systems ASME

125 PSIG Working Pressure

## Construction

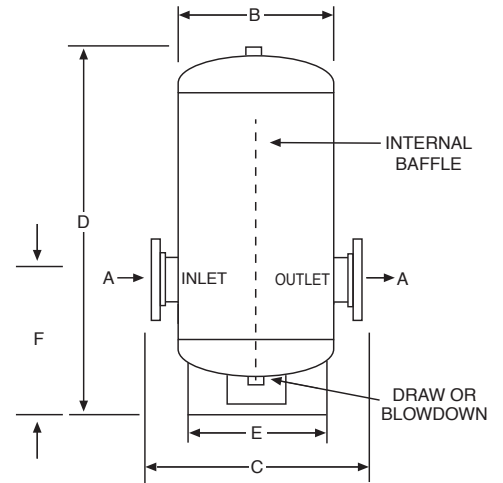
|                      |                                  |
|----------------------|----------------------------------|
| Body                 | ASME Approved Steel              |
| Flanges              | ASME Class 150                   |
| Paint                | Red Oxide Primer                 |
| 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<br>Gal | Dimensions      |    |    |                    |    |                  | Shipping Weight |      |
|-----------------|---------------|-----------------|----|----|--------------------|----|------------------|-----------------|------|
|                 |               | Conn. Size<br>A | B  | C  | D                  | E  | F                | Lbs             | Kg   |
|                 |               | In              | In | In | In                 | In | In               |                 |      |
| CWBT120-3-125   | 120           | 3               | 24 | 33 | 55 $\frac{3}{4}$   | 16 | 15               | 294             | 133  |
| CWBT120-4-125   | 120           | 4               | 24 | 33 | 55 $\frac{3}{4}$   | 16 | 15 $\frac{1}{2}$ | 315             | 143  |
| CWBT120-6-125   | 120           | 6               | 24 | 33 | 55 $\frac{3}{4}$   | 16 | 16 $\frac{1}{2}$ | 333             | 151  |
| CWBT200-3-125   | 200           | 3               | 30 | 39 | 62 $\frac{3}{8}$   | 24 | 21 $\frac{1}{2}$ | 527             | 239  |
| CWBT200-4-125   | 200           | 4               | 30 | 39 | 62 $\frac{3}{8}$   | 24 | 22               | 547             | 248  |
| CWBT200-6-125   | 200           | 6               | 30 | 39 | 62 $\frac{3}{8}$   | 24 | 23               | 566             | 257  |
| CWBT300-4-125   | 300           | 4               | 36 | 45 | 80 $\frac{3}{8}$   | 30 | 32 $\frac{1}{8}$ | 753             | 342  |
| CWBT300-6-125   | 300           | 6               | 36 | 45 | 80 $\frac{3}{8}$   | 30 | 33 $\frac{1}{8}$ | 772             | 350  |
| CWBT300-8-125   | 300           | 8               | 36 | 45 | 80 $\frac{3}{8}$   | 30 | 34 $\frac{1}{8}$ | 801             | 363  |
| CWBT500-6-125   | 500           | 6               | 42 | 51 | 99 $\frac{1}{2}$   | 30 | 36 $\frac{1}{2}$ | 1366            | 620  |
| CWBT500-8-125   | 500           | 8               | 42 | 51 | 99 $\frac{1}{2}$   | 30 | 37 $\frac{1}{2}$ | 1395            | 633  |
| CWBT500-10-125  | 500           | 10              | 42 | 51 | 99 $\frac{1}{2}$   | 30 | 38 $\frac{1}{2}$ | 1490            | 676  |
| CWBT850-6-125   | 850           | 6               | 54 | 64 | 114 $\frac{1}{16}$ | 42 | 39 $\frac{1}{2}$ | 2707            | 1228 |
| CWBT850-8-125   | 850           | 8               | 54 | 64 | 114 $\frac{1}{16}$ | 42 | 40 $\frac{1}{2}$ | 2736            | 1241 |
| CWBT850-10-125  | 850           | 10              | 54 | 64 | 114 $\frac{1}{16}$ | 42 | 41 $\frac{1}{2}$ | 2771            | 1257 |
| CWBT1040-8-125  | 1040          | 8               | 60 | 70 | 107 $\frac{7}{8}$  | 45 | 36               | 3136            | 1423 |
| CWBT1040-10-125 | 1040          | 10              | 60 | 70 | 107 $\frac{7}{8}$  | 45 | 37               | 3171            | 1438 |
| CWBT1040-12-125 | 1040          | 12              | 60 | 70 | 107 $\frac{7}{8}$  | 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

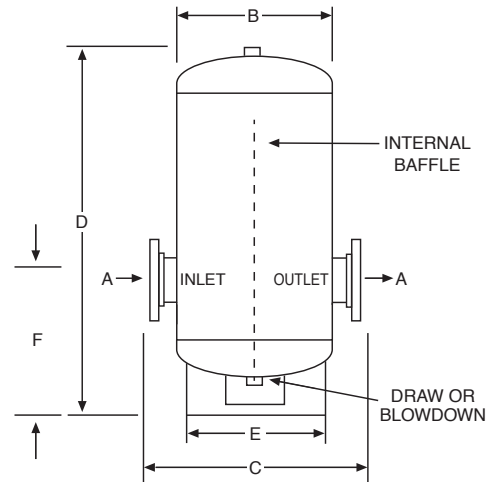
|                      |                                  |
|----------------------|----------------------------------|
| Body                 | ASME Approved Steel              |
| Flanges              | ASME Class 150                   |
| Paint                | Red Oxide Primer                 |
| 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<br>Gal | Dimensions      |    |    |                                  |    |                                | Shipping Weight |      |
|-----------------|---------------|-----------------|----|----|----------------------------------|----|--------------------------------|-----------------|------|
|                 |               | Conn. Size<br>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. _____  | _____       |

