



# LIST PRICE BOOK

January 2, 2018



Ask for Quality ▲ Ask for AMTROL®

## Value Added Freight Programs

### Part of the Amtrol Advantage™

Amtrol has a variety of unique and flexible freight programs designed to fit the way you do business. From a low \$3,000 Full Freight Allowed (FFA) policy, to our Pallet Freight, Fast Four™ and Quick Ship (QS) services, ordering from Amtrol has never been easier.

#### **\$3,000 Full Freight Allowed (FFA): Any Mix of Products**

- Any order attaining \$3,000 Net qualifies for FFA shipment.
- Combine Residential and Commercial products.
- Program applies to Wholesale customers for models in the US List Price Book.
- AK, HI destinations receive freight to the nearest port within the 48 contiguous states.
- Requests for partial shipments below \$3,000 are subject to prepay and add.

#### **Pallet Freight Program: Ships in Three Days**

- Full pallet quantities of Therm-X-Trol® ST-5 (75 ea.) and ST-12 (48 ea.), Therm-X-Span® T-5 (75 ea.) and T-12 (48 ea.) and Extrol® EX-15 (75 ea.) and EX-30 (48 ea.).
- Orders received by 12:00 PM EST ship FFA in three business days within the 48 contiguous states.



#### **Fast Four™ Master Packs: Small Quantities Ship in One Day**

- Four-packs of Therm-X-Trol ST-5 and ST-12, Therm-X-Span T-5 and T-12 and Extrol EX-15 and EX-30.
- Orders received by 12:00 PM EST ship FFA in one business day via UPS Ground within the 48 contiguous states.



#### **Quick Ship (QS) Program: Ships Next Day**

- Select Well-X-Trol®, Therm-X-Trol, Therm-X-Span, Extrol, Fill-Trol®, BoilerMate® and HydroMax® models listed with QS next to the lead time will ship within one business day (no need to call to check inventory).
- Add 3% to order net and specify Quick Ship service.

#### **Terms and Conditions**

- All pricing and information contained within the Amtrol 2018 List Price Book is subject to Amtrol's Terms and Conditions. To access a complete copy of the Terms and Conditions, please visit [www.amtrol.com](http://www.amtrol.com).

#### **Standard Leadtimes: Orders May Ship Early Unless Specified**

- Standard leadtime is in working days.
- \$30,000 orders and above require a minimum 10-day standard leadtime.
- Longest model standard leadtime applies to entire order.
- Large orders may be subject to longer leadtimes

All dimensions and weights listed are approximate.



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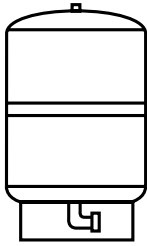
Letters A-K denote product categories.

Prices and contents are subject to change without notice.

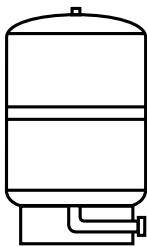
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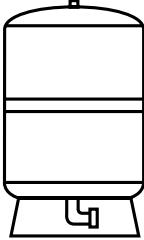
**WX MODELS: VERTICAL STAND**
**A**

**QUICK SHIP ELIGIBLE**

| Model Number | Description  | Volume (Gal) | Max Acceptance Factor | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|--------------|--------------|-----------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |              |              |                       | L                        | W  | H  |                       |            |                          |                  |
| WX-201       | BLUE         | 14           | 0.81                  | 15                       | 15 | 25 | 25                    | 644411     | 5                        | \$372.00         |
| WX-202       | BLUE         | 20           | 0.57                  | 15                       | 15 | 32 | 32                    | 644442     | 5 QS                     | \$458.00         |
| WX-202XL     | BLUE         | 26           | 0.44                  | 15                       | 15 | 39 | 39                    | 644503     | 5                        | \$483.00         |
| WX-203       | BLUE         | 32           | 0.35                  | 15                       | 15 | 47 | 47                    | 644572     | 5 QS                     | \$781.00         |
| WX-205       | BLUE         | 34           | 1.00                  | 22                       | 22 | 30 | 57                    | 644657     | 5 QS                     | \$855.00         |
| WX-250       | BLUE         | 44           | 0.77                  | 22                       | 22 | 36 | 65                    | 644718     | 5 QS                     | \$991.00         |
| WX-251       | BLUE         | 62           | 0.55                  | 22                       | 22 | 47 | 87                    | 644770     | 5 QS                     | \$1,171.00       |
| WX-255       | BLUE         | 81           | 0.41                  | 22                       | 22 | 57 | 109                   | 644862     | 5 QS                     | \$1,258.00       |
| WX-252       | BLUE (TALL)  | 86           | 0.39                  | 22                       | 22 | 62 | 107                   | 644831     | 5 QS                     | \$1,507.00       |
| WX-302       | BLUE (SHORT) | 86           | 0.54                  | 26                       | 26 | 47 | 106                   | 644947     | 5 QS                     | \$1,390.00       |
| WX-350       | BLUE         | 119          | 0.39                  | 26                       | 26 | 62 | 146                   | 645005     | 5 QS                     | \$1,980.00       |
| WX-201-T     | TAN          | 14           | 0.81                  | 15                       | 15 | 25 | 25                    | 645081     | 5                        | \$372.00         |
| WX-202-T     | TAN          | 20           | 0.57                  | 15                       | 15 | 32 | 32                    | 644459     | 5                        | \$458.00         |
| WX-202XL-T   | TAN          | 26           | 0.44                  | 15                       | 15 | 39 | 39                    | 644510     | 5                        | \$483.00         |
| WX-203-T     | TAN          | 32           | 0.35                  | 15                       | 15 | 47 | 47                    | 644589     | 5                        | \$781.00         |
| WX-205-T     | TAN          | 34           | 1.00                  | 22                       | 22 | 30 | 57                    | 644664     | 5                        | \$855.00         |
| WX-250-T     | TAN          | 44           | 0.77                  | 22                       | 22 | 36 | 65                    | 644725     | 5                        | \$991.00         |
| WX-251-T     | TAN          | 62           | 0.55                  | 22                       | 22 | 47 | 87                    | 644787     | 5                        | \$1,171.00       |
| WX-255-T     | TAN          | 81           | 0.41                  | 22                       | 22 | 57 | 109                   | 644879     | 5                        | \$1,258.00       |
| WX-302-T     | TAN          | 86           | 0.54                  | 26                       | 26 | 47 | 106                   | 644954     | 5                        | \$1,390.00       |
| WX-350-T     | TAN          | 119          | 0.39                  | 26                       | 26 | 62 | 146                   | 645012     | 5                        | \$1,980.00       |
| WX-201-G     | GRAY         | 14           | 0.81                  | 15                       | 15 | 25 | 25                    | 650634     | 5                        | \$372.00         |
| WX-202-G     | GRAY         | 20           | 0.57                  | 15                       | 15 | 32 | 32                    | 646132     | 5                        | \$458.00         |
| WX-202XL-G   | GRAY         | 26           | 0.44                  | 15                       | 15 | 39 | 39                    | 646149     | 5                        | \$483.00         |
| WX-203-G     | GRAY         | 32           | 0.35                  | 15                       | 15 | 47 | 47                    | 646156     | 5                        | \$781.00         |
| WX-205-G     | GRAY         | 34           | 1.00                  | 22                       | 22 | 30 | 57                    | 646163     | 5                        | \$855.00         |
| WX-250-G     | GRAY         | 44           | 0.77                  | 22                       | 22 | 36 | 65                    | 646170     | 5                        | \$991.00         |
| WX-251-G     | GRAY         | 62           | 0.55                  | 22                       | 22 | 47 | 87                    | 646187     | 5                        | \$1,171.00       |
| WX-255-G     | GRAY         | 81           | 0.41                  | 22                       | 22 | 57 | 109                   | 646194     | 5                        | \$1,258.00       |
| WX-302-G     | GRAY         | 86           | 0.54                  | 26                       | 26 | 47 | 106                   | 646200     | 5                        | \$1,390.00       |
| WX-350-G     | GRAY         | 119          | 0.39                  | 26                       | 26 | 62 | 146                   | 646217     | 5                        | \$1,980.00       |

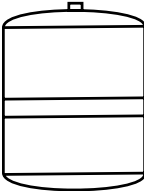
**WX MODELS: VERTICAL STAND WITH PRO ACCESS®**
**A**


|            |      |     |      |    |    |    |     |        |   |            |
|------------|------|-----|------|----|----|----|-----|--------|---|------------|
| WX-202PA   | BLUE | 20  | 0.57 | 15 | 15 | 32 | 33  | 644473 | 5 | \$491.00   |
| WX-202XLP  | BLUE | 26  | 0.44 | 15 | 15 | 39 | 40  | 644541 | 5 | \$518.00   |
| WX-203PA   | BLUE | 32  | 0.35 | 15 | 15 | 47 | 48  | 644602 | 5 | \$841.00   |
| WX-205PA   | BLUE | 34  | 1.00 | 22 | 22 | 30 | 59  | 644688 | 5 | \$919.00   |
| WX-250PA   | BLUE | 44  | 0.77 | 22 | 22 | 36 | 67  | 644749 | 5 | \$1,063.00 |
| WX-251PA   | BLUE | 62  | 0.55 | 22 | 22 | 47 | 88  | 644800 | 5 | \$1,255.00 |
| WX-255PA   | BLUE | 81  | 0.41 | 22 | 22 | 57 | 111 | 644893 | 5 | \$1,347.00 |
| WX-302PA   | BLUE | 86  | 0.54 | 26 | 26 | 47 | 108 | 644978 | 5 | \$1,486.00 |
| WX-350PA   | BLUE | 119 | 0.39 | 26 | 26 | 62 | 148 | 645036 | 5 | \$2,115.00 |
| WX-202PA-T | TAN  | 20  | 0.57 | 15 | 15 | 32 | 33  | 644480 | 5 | \$491.00   |
| WX-202XLP  | TAN  | 26  | 0.44 | 15 | 15 | 39 | 40  | 644558 | 5 | \$518.00   |
| WX-203PA-T | TAN  | 32  | 0.35 | 15 | 15 | 47 | 48  | 644619 | 5 | \$841.00   |
| WX-205PA-T | TAN  | 34  | 1.00 | 22 | 22 | 30 | 59  | 644695 | 5 | \$919.00   |
| WX-250PA-T | TAN  | 44  | 0.77 | 22 | 22 | 36 | 67  | 644756 | 5 | \$1,063.00 |
| WX-251PA-T | TAN  | 62  | 0.55 | 22 | 22 | 47 | 88  | 644817 | 5 | \$1,255.00 |
| WX-255PA-T | TAN  | 81  | 0.41 | 22 | 22 | 57 | 111 | 644909 | 5 | \$1,347.00 |
| WX-302PA-T | TAN  | 86  | 0.54 | 26 | 26 | 47 | 108 | 644985 | 5 | \$1,486.00 |
| WX-350PA-T | TAN  | 119 | 0.39 | 26 | 26 | 62 | 148 | 645043 | 5 | \$2,115.00 |
| WX-202PA-G | GRAY | 20  | 0.57 | 15 | 15 | 32 | 33  | 646224 | 5 | \$491.00   |
| WX-202XLP  | GRAY | 26  | 0.44 | 15 | 15 | 39 | 40  | 646231 | 5 | \$518.00   |
| WX-203PA-G | GRAY | 32  | 0.35 | 15 | 15 | 47 | 48  | 646248 | 5 | \$841.00   |
| WX-205PA-G | GRAY | 34  | 1.00 | 22 | 22 | 30 | 59  | 646255 | 5 | \$919.00   |
| WX-250PA-G | GRAY | 44  | 0.77 | 22 | 22 | 36 | 67  | 646262 | 5 | \$1,063.00 |
| WX-251PA-G | GRAY | 62  | 0.55 | 22 | 22 | 47 | 88  | 646279 | 5 | \$1,255.00 |
| WX-255PA-G | GRAY | 81  | 0.41 | 22 | 22 | 57 | 111 | 646286 | 5 | \$1,347.00 |
| WX-302PA-G | GRAY | 86  | 0.54 | 26 | 26 | 47 | 108 | 646293 | 5 | \$1,486.00 |
| WX-350PA-G | GRAY | 119 | 0.39 | 26 | 26 | 62 | 148 | 646309 | 5 | \$2,115.00 |

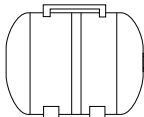
**WX MODELS: VERTICAL WITH DURABASE® COMPOSITE STAND**
**A**

| Model Number  | Description | Volume (Gal) | Max Acceptance Factor | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |            |
|---|-------------|--------------|-----------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|------------|
|   |             |              |                       | L                        | W  | H  |                       |            |                          |                  |            |
|  | WX-201D     | BLUE         | 14                    | 0.81                     | 15 | 15 | 25                    | 25         | 645159                   | 5                | \$372.00   |
|   | WX-202D     | BLUE         | 20                    | 0.57                     | 15 | 15 | 32                    | 32         | 645173                   | 5                | \$458.00   |
|   | WX-202XLD   | BLUE         | 26                    | 0.44                     | 15 | 15 | 39                    | 39         | 645210                   | 5                | \$483.00   |
|   | WX-203D     | BLUE         | 32                    | 0.35                     | 15 | 15 | 47                    | 47         | 645241                   | 5                | \$781.00   |
|   | WX-205D     | BLUE         | 34                    | 1.00                     | 22 | 22 | 30                    | 57         | 645289                   | 5                | \$855.00   |
|   | WX-250D     | BLUE         | 44                    | 0.77                     | 22 | 22 | 36                    | 65         | 645319                   | 5                | \$991.00   |
|   | WX-251D     | BLUE         | 62                    | 0.55                     | 22 | 22 | 47                    | 87         | 645340                   | 5                | \$1,171.00 |
|   | WX-255D     | BLUE         | 81                    | 0.41                     | 22 | 22 | 57                    | 109        | 645371                   | 5                | \$1,258.00 |
|   | WX-302D     | BLUE         | 86                    | 0.54                     | 26 | 26 | 47                    | 106        | 645418                   | 5                | \$1,390.00 |
|   | WX-350D     | BLUE         | 119                   | 0.39                     | 26 | 26 | 62                    | 146        | 645449                   | 5                | \$1,980.00 |
| WX-201D-T   | TAN         | 14           | 0.81                  | 15                       | 15 | 25 | 25                    | 645166     | 5                        | \$372.00         |            |
| WX-202D-T   | TAN         | 20           | 0.57                  | 15                       | 15 | 32 | 32                    | 645197     | 5                        | \$458.00         |            |
| WX-202XLD-T   | TAN         | 26           | 0.44                  | 15                       | 15 | 39 | 39                    | 645227     | 5                        | \$483.00         |            |
| WX-203D-T   | TAN         | 32           | 0.35                  | 15                       | 15 | 47 | 47                    | 645258     | 5                        | \$781.00         |            |
| WX-205D-T   | TAN         | 34           | 1.00                  | 22                       | 22 | 30 | 57                    | 645296     | 5                        | \$855.00         |            |
| WX-250D-T   | TAN         | 44           | 0.77                  | 22                       | 22 | 36 | 65                    | 645326     | 5                        | \$991.00         |            |
| WX-251D-T   | TAN         | 62           | 0.55                  | 22                       | 22 | 47 | 87                    | 645357     | 5                        | \$1,171.00       |            |
| WX-255D-T   | TAN         | 81           | 0.41                  | 22                       | 22 | 57 | 109                   | 645388     | 5                        | \$1,258.00       |            |
| WX-302D-T   | TAN         | 86           | 0.54                  | 26                       | 26 | 47 | 106                   | 645425     | 5                        | \$1,390.00       |            |
| WX-350D-T   | TAN         | 119          | 0.39                  | 26                       | 26 | 62 | 146                   | 645456     | 5                        | \$1,980.00       |            |
| WX-201D-G   | GRAY        | 14           | 0.81                  | 15                       | 15 | 25 | 25                    | 648686     | 5                        | \$372.00         |            |
| WX-202D-G   | GRAY        | 20           | 0.57                  | 15                       | 15 | 32 | 32                    | 648693     | 5                        | \$458.00         |            |
| WX-202XLD-G   | GRAY        | 26           | 0.44                  | 15                       | 15 | 39 | 39                    | 648709     | 5                        | \$483.00         |            |
| WX-203D-G   | GRAY        | 32           | 0.35                  | 15                       | 15 | 47 | 47                    | 648716     | 5                        | \$781.00         |            |
| WX-205D-G   | GRAY        | 34           | 1.00                  | 22                       | 22 | 30 | 57                    | 648723     | 5                        | \$855.00         |            |
| WX-250D-G   | GRAY        | 44           | 0.77                  | 22                       | 22 | 36 | 65                    | 648730     | 5                        | \$991.00         |            |
| WX-251D-G   | GRAY        | 62           | 0.55                  | 22                       | 22 | 47 | 87                    | 648747     | 5                        | \$1,171.00       |            |
| WX-255D-G   | GRAY        | 81           | 0.41                  | 22                       | 22 | 57 | 109                   | 648754     | 5                        | \$1,258.00       |            |
| WX-302D-G   | GRAY        | 86           | 0.54                  | 26                       | 26 | 47 | 106                   | 648761     | 5                        | \$1,390.00       |            |
| WX-350D-G   | GRAY        | 119          | 0.39                  | 26                       | 26 | 62 | 146                   | 648778     | 5                        | \$1,980.00       |            |

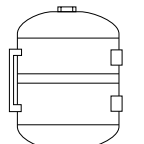
**WX MODELS: INLINE**
**A**

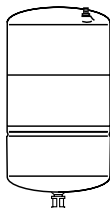
|   |          |      |      |      |    |    |    |    |        |      |          |
|---|----------|------|------|------|----|----|----|----|--------|------|----------|
| <br><b>QUICK SHIP ELIGIBLE</b> | WX-101   | BLUE | 2.0  | 0.45 | 8  | 8  | 13 | 5  | 644053 | 5 QS | \$116.00 |
|   | WX-102   | BLUE | 4.4  | 0.55 | 11 | 11 | 15 | 9  | 644084 | 5 QS | \$158.00 |
|   | WX-103   | BLUE | 7.6  | 0.43 | 11 | 11 | 22 | 15 | 644114 | 5 QS | \$258.00 |
|   | WX-104   | BLUE | 10.3 | 1.00 | 15 | 15 | 18 | 20 | 644145 | 5    | \$287.00 |
|   | WX-200   | BLUE | 14.0 | 0.81 | 15 | 15 | 22 | 22 | 644169 | 5    | \$305.00 |
|   | WX-101-G | GRAY | 2.0  | 0.45 | 8  | 8  | 13 | 5  | 646118 | 5    | \$116.00 |
|   | WX-102-G | GRAY | 4.4  | 0.55 | 11 | 11 | 15 | 9  | 646125 | 5    | \$158.00 |
|   | WX-103-G | GRAY | 7.6  | 0.43 | 11 | 11 | 22 | 15 | 650603 | 5    | \$258.00 |
|   | WX-104-G | GRAY | 10.3 | 1.00 | 15 | 15 | 18 | 20 | 650610 | 5    | \$287.00 |
|   | WX-200-G | GRAY | 14.0 | 0.81 | 15 | 15 | 22 | 22 | 650627 | 5    | \$305.00 |

**WX MODELS: HORIZONTAL**
**A**

|   |          |                      |      |      |    |    |    |    |        |   |          |
|---|----------|----------------------|------|------|----|----|----|----|--------|---|----------|
|  | WX-102PS | BLUE WITH PUMP STAND | 4.4  | 0.55 | 15 | 11 | 12 | 13 | 644190 | 5 | \$240.00 |
|   | WX-105PS | BLUE WITH PUMP STAND | 5.3  | 0.80 | 18 | 11 | 12 | 15 | 644220 | 5 | \$313.00 |
|   | WX-110PS | BLUE WITH PUMP STAND | 7.4  | 0.56 | 23 | 11 | 12 | 18 | 649102 | 5 | \$315.00 |
|   | WX-200PS | BLUE WITH PUMP STAND | 14.0 | 0.81 | 22 | 15 | 16 | 29 | 644268 | 5 | \$548.00 |
|   | WX-202PS | BLUE WITH PUMP STAND | 20.0 | 0.57 | 30 | 15 | 16 | 35 | 649119 | 5 | \$687.00 |
|   | WX-202H  | BLUE W/O PUMP STAND  | 20.0 | 0.57 | 30 | 15 | 16 | 33 | 644299 | 5 | \$483.00 |

**WX MODELS: WALL HUNG WITH VFD CONTROL BRACKET**
**A**

|   |           |                       |     |      |    |    |    |    |        |   |          |
|---|-----------|-----------------------|-----|------|----|----|----|----|--------|---|----------|
|  | WX-102VFD | BLUE WITH VFD BRACKET | 4.4 | 0.55 | 15 | 11 | 12 | 13 | 649454 | 5 | \$277.00 |
|---|-----------|-----------------------|-----|------|----|----|----|----|--------|---|----------|

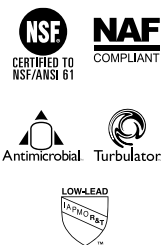
**WX MODELS: UNDERGROUND**
**A**


| Model Number | Description        | Volume (Gal) | Max Acceptance Factor | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|--------------------|--------------|-----------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |                    |              |                       | L                        | W  | H  |                       |            |                          |                  |
| WX-200UG     | SPECIAL UG COATING | 14           | 0.81                  | 15                       | 15 | 23 | 22                    | 644312     | 5                        | \$473.00         |
| WX-202UG     | SPECIAL UG COATING | 20           | 0.57                  | 15                       | 15 | 30 | 30                    | 644336     | 5                        | \$682.00         |
| WX-250UG     | SPECIAL UG COATING | 44           | 0.77                  | 22                       | 22 | 33 | 60                    | 644367     | 5                        | \$1,323.00       |
| WX-251UG     | SPECIAL UG COATING | 62           | 0.55                  | 22                       | 22 | 44 | 83                    | 644381     | 5                        | \$1,573.00       |

## Well-X1® System Well Tank & Digital Control

**WX1 MODELS: READY-TO-RUN WITH GUARDIAN CP® DIGITAL PRESSURE CONTROL**
**A**


|          |      |    |      |    |    |    |     |        |    |            |
|----------|------|----|------|----|----|----|-----|--------|----|------------|
| WX1-250D | BLUE | 44 | 0.77 | 22 | 22 | 44 | 80  | 650238 | 10 | \$1,544.00 |
| WX1-251D | BLUE | 62 | 0.55 | 22 | 22 | 55 | 103 | 650221 | 10 | \$1,726.00 |
| WX1-302D | BLUE | 86 | 0.54 | 26 | 26 | 55 | 134 | 650214 | 10 | \$1,945.00 |



**Pallet Quantity:** WX-101: 75, WX-102: 48, WX-103: 32, WX-104 & WX-200: 18  
 WX-102-PS: 32, WX-105-PS: 72, WX-110PS: 32, WX-200-PS: 18, WX-202PS: 18  
 WX-200UG & WX-202UG: 18, WX-250UG & WX-251UG: 4  
 WX-201 and WX-202: 18, WX-202XL & WX-203: 9, WX-205 through WX-350: 4

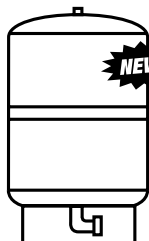
**Connection:** Stainless Steel: WX-101 through WX-103, WX-102PS through WX-110PS: 3/4" NPTM, WX-104, WX-200, WX-200PS, WX-202PS and WX-202H: 1" NPTM, WX-200UG, WX-202UG and WX-201 through WX-203: 1" NPTF, WX-205 through WX-350, WX250UG and WX-251UG: 1-1/4" NPTF

**Factory Precharge:** All WX and WX1 Models: 38 PSI

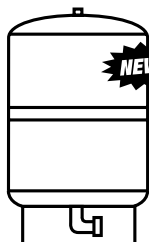
**Working Pressure:** All WX and WX1 Models: except WX-252: 150 PSI; WX252: 100 PSI

**Warranty:** All WX Models: 7-Year Limited; WX1: 7-Year Limited (Tank), 2-Year Limited (Control).

## Well Tanks, 125 PSI, 5-Year Warranty

**CH MODELS: CHAMPION® VERTICAL STAND, DARK BLUE**
**A**


| Model Number | Description | Volume (Gal) | Max Acceptance Factor | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|-------------|--------------|-----------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |             |              |                       | L                        | W  | H  |                       |            |                          |                  |
| CH-14        | CH3001      | 14           | 0.81                  | 15                       | 15 | 25 | 22                    | 530295     | 10                       | \$340.00         |
| CH-20        | CH4202      | 20           | 0.57                  | 15                       | 15 | 32 | 28                    | 529329     | 10                       | \$443.00         |
| CH-26        | CH6000      | 26           | 0.44                  | 15                       | 15 | 39 | 34                    | 550798     | 10                       | \$469.00         |
| CH-32        | CH8003      | 32           | 0.35                  | 15                       | 15 | 47 | 40                    | 530318     | 10                       | \$757.00         |
| CH-34        | CH8205      | 34           | 1.00                  | 22                       | 22 | 30 | 50                    | 530332     | 10                       | \$831.00         |
| CH-44        | CH10050     | 44           | 0.77                  | 22                       | 22 | 36 | 57                    | 530257     | 10                       | \$959.00         |
| CH-62        | CH12051     | 62           | 0.55                  | 22                       | 22 | 47 | 75                    | 530264     | 10                       | \$1,131.00       |
| CH-81        | CH17255     | 81           | 0.41                  | 22                       | 22 | 57 | 92                    | 550705     | 10                       | \$1,217.00       |
| CH-86        | CH17002     | 86           | 0.54                  | 26                       | 26 | 47 | 99                    | 530271     | 10                       | \$1,345.00       |
| CH-119       | CH22050     | 119          | 0.39                  | 26                       | 26 | 62 | 133                   | 530288     | 10                       | \$1,918.00       |

**WF MODELS: WEL-FLO® VERTICAL STAND, LIGHT GRAY**
**A**


|        |       |     |      |    |    |    |     |        |    |            |
|--------|-------|-----|------|----|----|----|-----|--------|----|------------|
| WF-14  | WF45  | 14  | 0.81 | 15 | 15 | 25 | 22  | 406736 | 10 | \$340.00   |
| WF-20  | WF60  | 20  | 0.57 | 15 | 15 | 32 | 28  | 406767 | 10 | \$443.00   |
| WF-26  | WF80  | 26  | 0.44 | 15 | 15 | 39 | 34  | 550828 | 10 | \$469.00   |
| WF-32  | WF100 | 32  | 0.35 | 15 | 15 | 47 | 40  | 406620 | 10 | \$757.00   |
| WF-34  | WF110 | 34  | 1.00 | 22 | 22 | 30 | 50  | 406637 | 10 | \$831.00   |
| WF-44  | WF140 | 44  | 0.77 | 22 | 22 | 36 | 57  | 406651 | 10 | \$959.00   |
| WF-62  | WF200 | 62  | 0.55 | 22 | 22 | 47 | 75  | 406675 | 10 | \$1,131.00 |
| WF-81  | WF255 | 81  | 0.41 | 22 | 22 | 57 | 92  | 550675 | 10 | \$1,217.00 |
| WF-86  | WF260 | 86  | 0.54 | 26 | 26 | 47 | 99  | 406699 | 10 | \$1,345.00 |
| WF-119 | WF360 | 119 | 0.39 | 26 | 26 | 62 | 133 | 406705 | 10 | \$1,918.00 |

## PL MODELS: PRO-LINE® VERTICAL STAND, TAN A

| Model Number | Description | Volume (Gal)    | Max Acceptance Factor | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |            |
|--------------|-------------|-----------------|-----------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|------------|
|              |             |                 |                       | L                        | W  | H  |                       |            |                          |                  |            |
|              | PL-14       | CA3001          | 14                    | 0.81                     | 15 | 15 | 25                    | 22         | 409935                   | 10               | \$340.00   |
|              | PL-20       | CA4202          | 20                    | 0.57                     | 15 | 15 | 32                    | 28         | 409942                   | 10               | \$443.00   |
|              | PL-26       | CA6000          | 26                    | 0.44                     | 15 | 15 | 39                    | 34         | 550804                   | 10               | \$469.00   |
|              | PL-32       | CA8003          | 32                    | 0.35                     | 15 | 15 | 47                    | 40         | 409959                   | 10               | \$757.00   |
|              | PL-34       | CA8205          | 34                    | 1.00                     | 22 | 22 | 30                    | 50         | 400024                   | 10               | \$831.00   |
|              | PL-44       | CA10050         | 44                    | 0.77                     | 22 | 22 | 36                    | 57         | 399984                   | 10               | \$959.00   |
|              | PL-62       | CA12051         | 62                    | 0.55                     | 22 | 22 | 47                    | 75         | 399991                   | 10               | \$1,131.00 |
|              | PL-81       | CA17255         | 81                    | 0.41                     | 22 | 22 | 57                    | 92         | 550712                   | 10               | \$1,217.00 |
|              | PL-86       | CA17002 (SHORT) | 86                    | 0.54                     | 26 | 26 | 47                    | 99         | 660008                   | 10               | \$1,345.00 |
|              | PL-119      | CA22050         | 119                   | 0.39                     | 26 | 26 | 62                    | 133        | 400017                   | 10               | \$1,918.00 |



**Pallet Quantity:** 14 & 20 Gal: 18, 26 & 32 Gal: 9, 34 through 119 Gal: 4  
**Connection:** Stainless Steel: 14 through 32 Gal: 1" NPTF, 34 through 119 Gal: 1-1/4" NPTF  
**Factory Precharge:** All CH, WF & PL Models: 38 PSI  
**Working Pressure:** CH, WF & PL: 125 PSI  
**Warranty:** All CH, WF & PL Models: 5-Year Limited



## Reverse Osmosis Storage Tanks

### RO MODELS: REVERSE OSMOSIS STORAGE TANKS A

| Model Number | Description | Color | PSI    | Other            | Total Volume (Gal) | Connection Size (In) | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime* (Days) | List Price (USD) |  |
|--------------|-------------|-------|--------|------------------|--------------------|----------------------|-----------------------|------------|---------------------------|------------------|--|
|              |             |       |        |                  |                    |                      |                       |            |                           |                  |  |
| RO-2         | 140-653     | BLUE  | 20 PS  | PLASTIC STAND    | 2                  | 1/4                  | 5                     | 123077     | 10                        | \$180.00         |  |
| RO-3         | 140S723     | WHITE | 5 PSI  | PLASTIC STAND    | 3                  | 1/4                  | 7                     | 462855     | 10                        | \$163.00         |  |
| RO-3         | 140S725     | WHITE | 5 PSI  | BUMP BASE        | 3                  | 1/4                  | 7                     | 578808     | 10                        | \$163.00         |  |
| RO-4         | 141S343     | BLUE  | 5 PSI  | PLASTIC STAND    | 4                  | 1/4                  | 9                     | 462862     | 10                        | \$245.00         |  |
| RO-4         | 141S344     | WHITE | 5 PSI  | PLASTIC STAND    | 4                  | 1/4                  | 9                     | 462879     | 10                        | \$245.00         |  |
| RO-4         | 141S351     | WHITE | 5 PSI  | BUMP BASE        | 4                  | 1/4                  | 9                     | 527165     | 10                        | \$245.00         |  |
| RO-4         | 141S352     | BLUE  | 5 PSI  | BUMP BASE        | 4                  | 1/4                  | 9                     | 528179     | 10                        | \$245.00         |  |
| RO-10        | 143-132     | BLUE  | 5 PSI  | PLASTIC STAND    | 10                 | 3/4                  | 20                    | 129116     | 10                        | \$467.00         |  |
| RO-14        | 143-198     | BLUE  | 15 PSI |                  | 14                 | 3/4                  | 24                    | 129710     | 10                        | \$499.00         |  |
| RO-14        | 143-293     | BLUE  | 15 PSI |                  | 14                 | 1/4                  | 24                    | 391490     | 10                        | \$499.00         |  |
| RO-20PA      | 144-251     | BLUE  | 15 PSI | PRO ACCESS® CONN | 20                 | 3/4                  | 32                    | 563026     | 10                        | \$603.00         |  |
| RO-20        | 144-120     | BLUE  | 15 PSI |                  | 20                 | 3/4                  | 32                    | 130716     | 10                        | \$563.00         |  |
| RO-34PA      | 147-220     | BLUE  | 15 PSI | PRO ACCESS CONN  | 34                 | 1-1/4                | 61                    | 563033     | 10                        | \$1,129.00       |  |
| RO-34        | 147-47      | BLUE  | 15 PSI |                  | 34                 | 1-1/4                | 61                    | 138293     | 10                        | \$1,056.00       |  |
| RO-44PA      | 147-221     | BLUE  | 15 PSI | PRO ACCESS CONN  | 44                 | 1-1/4                | 86                    | 563040     | 10                        | \$1,220.00       |  |
| RO-44        | 147-69      | BLUE  | 15 PSI |                  | 44                 | 1-1/4                | 86                    | 138422     | 10                        | \$1,130.00       |  |
| RO-86PA      | 150-86      | BLUE  | 15 PSI | PRO ACCESS CONN  | 86                 | 1-1/4                | 123                   | 563057     | 10                        | \$1,828.00       |  |
| RO-86        | 150-6       | BLUE  | 15 PSI |                  | 86                 | 1-1/4                | 123                   | 139931     | 10                        | \$1,713.00       |  |
| RO-119PA     | 151-57      | BLUE  | 15 PSI | PRO ACCESS CONN  | 119                | 1-1/4                | 166                   | 563064     | 10                        | \$2,605.00       |  |

\*Order quantities over 100 each require a 15 day lead time

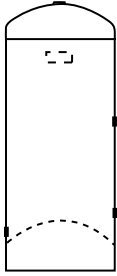


**Pallet Quantity:** RO-2: 75, RO-3: 60, RO-4: 48, RO-10 through 20: 18, RO-34 through 119: 4  
**Connection:** Stainless Steel  
**Warranty:** 5-Year Limited

## ERTG MODELS: EPOXY-LINED REPLACEMENT FOR GALVANIZED TANKS, DESERT TAN

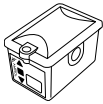
**A**

| Model Number | Description | Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|-------------|--------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |             |              | L                        | W  | H  |                       |            |                          |                  |
| ERTG-12A     |             | 12           | 12                       | 12 | 26 | 31                    | 684790     | 10                       | \$320.00         |
| ERTG-21A     |             | 21           | 16                       | 16 | 27 | 45                    | 684806     | 10                       | \$334.00         |
| ERTG-30A     |             | 30           | 16                       | 16 | 39 | 60                    | 684813     | 10                       | \$416.00         |
| ERTG-42TA    | TALL        | 42           | 16                       | 16 | 53 | 77                    | 684820     | 10                       | \$380.00         |
| ERTG-42SA    | SHORT       | 42           | 20                       | 20 | 36 | 70                    | 684837     | 10                       | \$401.00         |
| ERTG-82A     |             | 82           | 20                       | 20 | 64 | 112                   | 684844     | 10                       | \$555.00         |
| ERTG-120A    |             | 120          | 24                       | 24 | 66 | 142                   | 684851     | 10                       | \$734.00         |
| ERTG-220A    |             | 220          | 30                       | 30 | 78 | 346                   | 636249     | 10                       | \$1,850.00       |
| ERTG-315A    |             | 315          | 36                       | 36 | 78 | 453                   | 684868     | 10                       | \$2,578.00       |


**Warranty:** 3-Year Limited


## Well Tank Controls & Accessories

### DIGITAL PRESSURE CONTROL



|          |                                       |   |   |   |   |        |   |          |
|----------|---------------------------------------|---|---|---|---|--------|---|----------|
| 146-832  | GUARDIAN CP® DIGITAL PRESSURE CONTROL | 4 | 8 | 4 | 2 | 639889 | 1 | \$245.00 |
| 146-2350 | EXTERNAL GROUNDING KIT                | 2 | 2 | 2 | 1 | 638748 | 5 | \$80.50  |

### DURABASE® TANK SPACER



|             |  |    |    |   |   |        |   |         |
|-------------|--|----|----|---|---|--------|---|---------|
| DURABASE-15 | FITS AMTROL 15" STEEL STAND MODELS       | 16 | 16 | 6 | 2 | 648433 | 5 | \$27.20 |
| DURABASE-22 | FITS AMTROL 22" & 26" STEEL STAND MODELS | 23 | 23 | 7 | 3 | 648440 | 5 | \$35.40 |

### PUMP MOUNTING STAND



|        |                          |   |    |   |   |              |   |         |
|--------|--------------------------|---|----|---|---|--------------|---|---------|
| UNVDKT | UNIVERSAL VERTICAL TANKS | 8 | 10 | 3 | 3 | 049708018405 | 5 | \$54.10 |
|--------|--------------------------|---|----|---|---|--------------|---|---------|

### TOUCH-UP PAINT

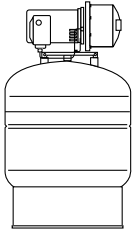
|         |                                |   |   |   |   |        |   |         |
|---------|--------------------------------|---|---|---|---|--------|---|---------|
| 140-127 | WELL-X-TROL® BLUE 4.5 OZ SPRAY | 2 | 2 | 4 | 1 | 121486 | 5 | \$29.70 |
|---------|--------------------------------|---|---|---|---|--------|---|---------|

**Warranty:** Guardian CP: 2-Year Limited, All Well Tank Accessories: 1-Year Limited



## RP MODELS: AMTROL PRESSURISER® CITY WATER PRESSURE BOOSTER SYSTEMS D

| Model Number | Description           | Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|-----------------------|--------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |                       |              | L                        | W  | H  |                       |            |                          |                  |
| RP-10HP      | 2201-37 10 GPM SYSTEM | 14           | 17                       | 17 | 30 | 50                    | 574732     | 5                        | \$1,631.00       |
| RP-15HP      | 2201-39 15 GPM SYSTEM | 20           | 17                       | 17 | 38 | 55                    | 574886     | 5                        | \$1,750.00       |
| RP-25HP      | 2201-28 25 GPM SYSTEM | 34           | 22                       | 22 | 39 | 90                    | 499295     | 5                        | \$2,569.00       |



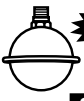

## HP SERIES BOOSTER SYSTEM REPLACEMENT PARTS I

|          |                                      |    |  |  |  |    |        |   |            |
|----------|--------------------------------------|----|--|--|--|----|--------|---|------------|
| 245-59   | PUMP RP-10HP                         |    |  |  |  | 23 | 593467 | 1 | \$1,163.00 |
| 245-60   | PUMP RP-15HP                         |    |  |  |  | 23 | 593474 | 1 | \$1,163.00 |
| 245-61   | PUMP RP-25HP                         |    |  |  |  | 23 | 593481 | 1 | \$1,163.00 |
| 2201R37  | TANK RP-10                           | 14 |  |  |  | 25 | 618634 | 1 | \$794.00   |
| 2201R39  | TANK RP-15                           | 20 |  |  |  | 33 | 618658 | 1 | \$824.00   |
| 2201R28  | TANK RP-25                           | 34 |  |  |  | 61 | 618719 | 1 | \$1,088.00 |
| 2201N002 | SHAFT SEAL KIT - All Models          |    |  |  |  | 1  | 447371 | 1 | \$38.70    |
| 2201N003 | IMPELLER RP-10                       |    |  |  |  | 1  | 447418 | 1 | \$130.00   |
| 2201N020 | IMPELLER RP-15                       |    |  |  |  | 1  | 447425 | 1 | \$111.00   |
| 2201N021 | IMPELLER RP-25                       |    |  |  |  | 1  | 447432 | 1 | \$120.00   |
| 2201N006 | O-RING REBUILD KIT - All Models      |    |  |  |  | 1  | 447401 | 1 | \$95.80    |
| 2201N010 | PUMP VENTURI - All Models            |    |  |  |  | 1  | 466655 | 1 | \$85.10    |
| 2201N022 | PUMP GUIDE VANE - All Models         |    |  |  |  | 1  | 447449 | 1 | \$73.50    |
| 113-3    | GUARDIAN CP® UPGRADE KIT             |    |  |  |  | 2  | 645654 | 1 | \$442.00   |
| 146-832  | GUARDIAN CP DIGITAL PRESSURE CONTROL |    |  |  |  | 2  | 639899 | 1 | \$245.00   |

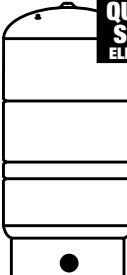


**Pallet Quantity:** RP-10HP through RP-25HP: 4  
**Connection:** Stainless Steel: RP-10HP through RP-25HP: 1-1/4" NPTF In, 1" NPTF Out  
**Warranty:** RP-10HP through RP-25HP: 2-Year Limited, Guardian CP: 2-Year Limited, All Replacement Parts: 1 Year Limited

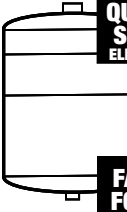
**ST MODELS: THERM-X-TROL® INLINE THERMAL EXPANSION TANKS, 5-Year Warranty**
**B**

| Model Number  | Description                  | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |     |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|---|------------------------------|--------------|-----------------------------|--------------------------|-----|----|-----------------------|------------|--------------------------|------------------|
|   |                              |              |                             | L                        | W   | H  |                       |            |                          |                  |
|  <b>NEW!</b>               | ST-1 140P01 MATTE TAN        | —            | —                           | 3.4                      | 3.4 | 4  | 1                     | 679932     | 5 QS                     | \$27.50          |
|   | ST-5 140N43 HIGH-GLOSS TAN   | 2.0          | 0.9                         | 8                        | 8   | 13 | 5                     | 395665     | 5 QS                     | \$80.00          |
|   | ST-8 140N738 HIGH-GLOSS TAN  | 3.2          | 1.9                         | 9                        | 9   | 15 | 7                     | 551405     | 5                        | \$93.60          |
|   | ST-12 141N43 HIGH-GLOSS TAN  | 4.4          | 3.2                         | 11                       | 11  | 15 | 9                     | 395672     | 5 QS                     | \$107.00         |
|  <b>QUICK SHIP ELIGIBLE</b> | ST-5-FF 140N43-FF FAST FOUR  | 2.0          | 0.9                         | 17                       | 17  | 13 | 20                    | 639349     | 1FF                      | \$320.00         |
| <b>FAST FOUR</b>  | ST-12-FF 141N43-FF FAST FOUR | 4.4          | 3.2                         | 24                       | 24  | 17 | 36                    | 639370     | 1FF                      | \$428.00         |
| <b>NEW!</b>   | <i>4PC MASTER PACK</i>       |              |                             |                          |     |    |                       |            |                          |                  |

**ST MODELS: THERM-X-TROL VERTICAL THERMAL EXPANSION TANKS**
**B**


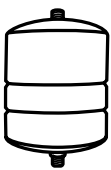
| Model Number  | Description         | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|---|---------------------|--------------|-----------------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|   |                     |              |                             | L                        | W  | H  |                       |            |                          |                  |
|  <b>QUICK SHIP ELIGIBLE</b> | ST-25V 143N164 TAN  | 10.3         | 10.3                        | 15                       | 15 | 19 | 23                    | 395689     | 5 QS                     | \$314.00         |
|   | ST-30V 143N273 TAN  | 14.0         | 11.3                        | 15                       | 15 | 24 | 25                    | 395696     | 5                        | \$384.00         |
|   | ST-42V 144N177 TAN  | 20.0         | 11.4                        | 15                       | 15 | 32 | 33                    | 395702     | 5                        | \$458.00         |
|   | ST-60V 147N130 TAN  | 34.0         | 34.0                        | 22                       | 22 | 30 | 61                    | 395719     | 5                        | \$592.00         |
|   | ST-80V 147N131 TAN  | 44.0         | 33.9                        | 22                       | 22 | 36 | 69                    | 395726     | 5                        | \$813.00         |
|   | ST-180V 148N118 TAN | 62.0         | 34.1                        | 22                       | 22 | 47 | 92                    | 395733     | 5                        | \$979.00         |
|   | ST-200V 149-166 TAN | 81.0         | 33.2                        | 22                       | 22 | 56 | 103                   | 633552     | 5                        | \$1,033.00       |
|   | ST-210V 150N32 TAN  | 86.0         | 46.4                        | 26                       | 26 | 47 | 123                   | 395740     | 5                        | \$1,112.00       |

**T MODELS: THERM-X-SPAN® INLINE THERMAL EXPANSION TANKS, 1-Year Warranty**
**B**

| Model Number  | Description                   | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|---|-------------------------------|--------------|-----------------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|   |                               |              |                             | L                        | W  | H  |                       |            |                          |                  |
|  <b>QUICK SHIP ELIGIBLE</b> | T-5 140-735 LIGHT PRIMER TAN  | 2.0          | 0.9                         | 8                        | 8  | 13 | 5                     | 548498     | 5 QS                     | \$47.50          |
|   | T-12 141-363 LIGHT PRIMER TAN | 4.4          | 3.2                         | 11                       | 11 | 15 | 9                     | 560889     | 5 QS                     | \$60.40          |
|   | T-5-FF 140-735-FF FAST FOUR   | 2.0          | 0.9                         | 17                       | 17 | 13 | 20                    | 639356     | 1FF                      | \$191.00         |
| <b>FAST FOUR</b>  | T-12-FF 141-363-FF FAST FOUR  | 4.4          | 3.2                         | 24                       | 24 | 17 | 36                    | 639387     | 1FF                      | \$242.00         |
|   | <i>4PC MASTER PACK</i>        |              |                             |                          |    |    |                       |            |                          |                  |

## Water Hammer Arrestors

**WATER HAMMER ARRESTORS (SHOCK SUPPRESSORS)**
**K**

| Model Number  | Description                | Volume (Gal) | Shipping Dimensions (In) |   |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|---|----------------------------|--------------|--------------------------|---|----|-----------------------|------------|--------------------------|------------------|
|   |                            |              | L                        | W | H  |                       |            |                          |                  |
|  <b>Mini-Trol®</b> | 513P01 MINI-TROL COMPOSITE | Size A       | 4                        | 4 | 5  | 1                     | 670137     | 5                        | \$47.80          |
|  <b>Diatrol®</b>   | 537-1 DIATROL #537         | 0.8          | 6                        | 6 | 9  | 3                     | 202932     | 5                        | \$142.00         |
|   | 541-1 DIATROL #541         | 1.0          | 6                        | 6 | 12 | 5                     | 203564     | 5                        | \$211.00         |

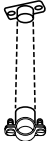

**Pallet Quantity:** ST-5 & T-5: 75, ST-8: 60, ST-12 & T-12: 48  
ST-25V, 30V & 42V: 18, ST-60V through ST-210V: 4

**Connection:** ST-1: 1/2" NPTM w/Stainless Steel Waterway; Stainless Steel: ST-5 through ST-12 & T-5 through T-12: 3/4" NPTM, ST-25V through ST-42V: 3/4" NPTF, ST-60V through ST-210V: 1-1/4" NPTF, Mini-Trol: 1/2" NPTM  
Diatrol: Stainless Steel NPTM; 537: 3/4"; 541: 1"


**Warranty:** ST-1 through ST-12 & ST-25V: 5-Year Limited, ST-30V through ST-210V: 1-Year Limited, T-5 & T-12: 1-Year Limited, Mini-Trol & Diatrol: 5-Year Limited

**Maximum Operating Temp:** ST-1: 140°F Intermittent; ST-5 through ST-210V: 200°F; Therm-X-Span and Diatrol: 200°F; Mini-Trol: 180°F Intermittent.  
**Maximum Working Pressure:** 150 PSI



## TUBE HANGERS: 601 SERIES

| Model Number  | Description | Case Qty        |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|---|-------------|-----------------|----|-----------------------|------------|--------------------------|------------------|
|  | 601-1       | 1/2" DIAMETER   | 10 |                       | 1          | 208897                   | \$23.00          |
|   | 601-2       | 3/4" DIAMETER   | 10 | Sold in full          | 1          | 208934                   | \$28.80          |
|   | 601-3       | 1" DIAMETER     | 10 | case quantities       | 1          | 208941                   | \$33.00          |
|   | 601-4       | 1-1/4" DIAMETER | 10 | only                  | 1          | 208958                   | \$39.10          |
|   | 601-5       | 1-1/2" DIAMETER | 10 |                       | 1          | 208965                   | \$43.00          |
|   | 601-6       | 2" DIAMETER     | 10 |                       | 1          | 208972                   | \$45.80          |

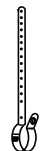
## INSO-LINE STRAP HANGERS: 602 SERIES, 6" LENGTH

|   |       |                 |    |                 |   |        |         |
|---|-------|-----------------|----|-----------------|---|--------|---------|
|  | 602-1 | 1/2" DIAMETER   | 25 | Sold in full    | 3 | 209016 | \$87.50 |
|   | 602-3 | 3/4" DIAMETER   | 25 | case quantities | 3 | 209115 | \$89.90 |
|   | 602-5 | 1" DIAMETER     | 25 | only            | 3 | 209139 | \$92.00 |
|   | 602-7 | 1-1/4" DIAMETER | 25 |                 | 4 | 209153 | \$95.40 |

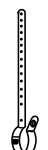
## INSO-LINE STRAP HANGERS: 602 SERIES, 12" LENGTH

|   |       |                 |    |                 |   |        |          |
|---|-------|-----------------|----|-----------------|---|--------|----------|
|  | 602-2 | 1/2" DIAMETER   | 25 | Sold in full    | 4 | 209054 | \$102.00 |
|   | 602-4 | 3/4" DIAMETER   | 25 | case quantities | 4 | 209122 | \$102.00 |
|   | 602-6 | 1" DIAMETER     | 25 | only            | 4 | 209146 | \$105.00 |
|   | 602-8 | 1-1/4" DIAMETER | 25 |                 | 4 | 209160 | \$106.00 |


## NATICK STRAP HANGERS: 603 SERIES, 6" LENGTH

|  |       |                 |    |                 |   |        |         |
|--|-------|-----------------|----|-----------------|---|--------|---------|
|  | 603-1 | 1/2" DIAMETER   | 25 | Sold in full    | 2 | 209474 | \$49.10 |
|  | 603-3 | 3/4" DIAMETER   | 25 | case quantities | 2 | 209641 | \$49.60 |
|  | 603-5 | 1" DIAMETER     | 25 | only            | 3 | 209726 | \$49.90 |
|  | 603-7 | 1-1/4" DIAMETER | 25 |                 | 3 | 209900 | \$50.50 |


## NATICK STRAP HANGERS: 603 SERIES, 12" LENGTH

|   |       |                 |    |                 |   |        |         |
|---|-------|-----------------|----|-----------------|---|--------|---------|
|  | 603-2 | 1/2" DIAMETER   | 25 | Sold in full    | 3 | 209542 | \$61.10 |
|   | 603-4 | 3/4" DIAMETER   | 25 | case quantities | 4 | 209719 | \$61.50 |
|   | 603-6 | 1" DIAMETER     | 25 | only            | 4 | 209825 | \$62.00 |
|   | 603-8 | 1-1/4" DIAMETER | 25 |                 | 4 | 210012 | \$62.30 |

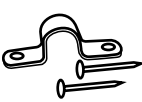
## GLIDE CLIPS: 604 SERIES

|   |       |                 |    |                 |   |        |         |
|---|-------|-----------------|----|-----------------|---|--------|---------|
|  | 604-1 | 1/2" DIAMETER   | 10 | Sold in full    | 1 | 210234 | \$25.10 |
|   | 604-2 | 3/4" DIAMETER   | 10 | case quantities | 1 | 210241 | \$27.00 |
|   | 604-3 | 1" DIAMETER     | 10 | only            | 1 | 210258 | \$33.90 |
|   | 604-4 | 1-1/4" DIAMETER | 10 |                 | 1 | 210265 | \$38.40 |

## VAN HANGERS: 606 SERIES

|   |       |               |    |                 |   |        |         |
|---|-------|---------------|----|-----------------|---|--------|---------|
|  | 606-2 | 1/2" DIAMETER | 20 | Sold in full    | 2 | 210494 | \$39.10 |
|   | 606-3 | 3/4" DIAMETER | 20 | case quantities | 2 | 210500 | \$41.80 |
|   | 606-4 | 1" DIAMETER   | 20 | only            | 2 | 210517 | \$45.80 |


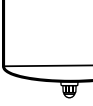
## TUBE STRAPS: 608 SERIES

|   |       |                 |     |                 |   |        |         |
|---|-------|-----------------|-----|-----------------|---|--------|---------|
|  | 608-4 | 1/2" DIAMETER   | 100 | Sold in full    | 2 | 210760 | \$23.70 |
|   | 608-6 | 3/4" DIAMETER   | 50  | case quantities | 1 | 210777 | \$15.80 |
|   | 608-7 | 1" DIAMETER     | 50  | only            | 2 | 210784 | \$16.90 |
|   | 608-8 | 1-1/4" DIAMETER | 50  |                 | 2 | 210791 | \$22.30 |

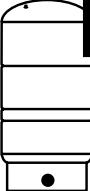
**Hardware:** Strap Hangers, Glide Clips & Tube Straps include copper-clad nails.  
 Tube Hangers & Van Hangers include copper-clad wood screws.

**Warranty:** 1-Year Limited


**EX MODELS: EXTROL® INLINE BOILER SYSTEM EXPANSION TANKS**
**B**

| Model Number   | Description | Volume (Gal) | Max Acceptance Volume (Gal)  | Shipping Dimensions (In) |      |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |      |          |
|--|-------------|--------------|------------------------------|--------------------------|------|----|-----------------------|------------|--------------------------|------------------|------|----------|
|  |             |              |                              | L                        | W    | H  |                       |            |                          |                  |      |          |
|  <b>QUICK SHIP ELIGIBLE</b>      | EX-15       | 101-1        | MODEL #15                    | 2.0                      | 1.0  | 8  | 8                     | 13         | 5                        | 112743           | 5 QS | \$60.80  |
|  | EX-30       | 102-1        | MODEL #30                    | 4.4                      | 2.5  | 11 | 11                    | 15         | 9                        | 113061           | 5 QS | \$74.60  |
|  | EX-60       | 103-1        | MODEL #60                    | 7.4                      | 2.5  | 11 | 11                    | 23         | 14                       | 113221           | 5 QS | \$138.00 |
|  | EX-90       | 112-1        | MODEL #90                    | 14.0                     | 11.3 | 15 | 15                    | 21         | 23                       | 115287           | 5 QS | \$228.00 |
|  <b>NEW!</b><br><b>FAST FOUR</b> | EX-15-FF    | 101-1-FF     | FAST FOUR<br>4PC MASTER PACK | 2.0                      | 1.0  | 17 | 17                    | 13         | 20                       | 639363           | 1 FF | \$243.00 |
|  | EX-30-FF    | 102-1-FF     | FAST FOUR<br>4PC MASTER PACK | 4.4                      | 2.5  | 24 | 24                    | 17         | 36                       | 639394           | 1 FF | \$299.00 |


**SX MODELS: EXTROL VERTICAL BOILER SYSTEM EXPANSION TANKS**
**B**

| Model Number   | Description | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |      |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |      |          |
|--|-------------|--------------|-----------------------------|--------------------------|------|----|-----------------------|------------|--------------------------|------------------|------|----------|
|  |             |              |                             | L                        | W    | H  |                       |            |                          |                  |      |          |
|  <b>QUICK SHIP ELIGIBLE</b> | SX-30V      | 118-27       | STAND MODEL                 | 14                       | 11.3 | 15 | 15                    | 24         | 25                       | 118967           | 5 QS | \$278.00 |
|  | SX-40V      | 118-78       | STAND MODEL                 | 20                       | 11.3 | 15 | 15                    | 32         | 33                       | 119896           | 5    | \$296.00 |
|  | SX-60V      | 118-79       | STAND MODEL                 | 32                       | 11.3 | 15 | 15                    | 48         | 43                       | 119902           | 5 QS | \$416.00 |
|  | SX-90V      | 118-153      | STAND MODEL                 | 44                       | 34.0 | 22 | 22                    | 36         | 69                       | 118714           | 5 QS | \$757.00 |
|  | SX-110V     | 118-154      | STAND MODEL                 | 62                       | 34.0 | 22 | 22                    | 47         | 92                       | 118721           | 5    | \$891.00 |
|  | SX-130V     | 149-165      | STAND MODEL                 | 81                       | 34.0 | 22 | 22                    | 56         | 103                      | 633583           | 5    | \$919.00 |
|  | SX-160V     | 118-155      | STAND MODEL                 | 86                       | 46.0 | 26 | 26                    | 47         | 123                      | 118738           | 5    | \$947.00 |

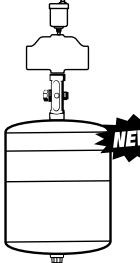
**EX PACKAGES: EXTROL COMBINATION KITS**
**B**

|   |             |       |                                 |     |     |    |    |    |    |        |   |          |
|---|-------------|-------|---------------------------------|-----|-----|----|----|----|----|--------|---|----------|
|  <b>NEW!</b> | EX-1500-100 | 105-1 | EX-15 WITH 1" PURGER & VENT     | 2.0 | 1.0 | 8  | 8  | 15 | 10 | 113382 | 5 | \$107.00 |
|   | EX-1500-125 | 105-2 | EX-15 WITH 1-1/4" PURGER & VENT | 2.0 | 1.0 | 8  | 8  | 15 | 10 | 113412 | 5 | \$107.00 |
|   | EX-3000-100 | 106-1 | EX-30 WITH 1" PURGER & VENT     | 4.4 | 2.5 | 11 | 11 | 19 | 14 | 113504 | 5 | \$120.00 |
|   | EX-3000-125 | 106-2 | EX-30 WITH 1-1/4" PURGER & VENT | 4.4 | 2.5 | 11 | 11 | 19 | 14 | 113528 | 5 | \$120.00 |

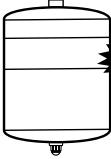
**FT MODELS: FILL-TROL® TANKS AND AUTOMATIC FILL VALVES**
**B**

|  |           |         |                        |      |      |    |    |    |    |        |      |          |
|--|-----------|---------|------------------------|------|------|----|----|----|----|--------|------|----------|
|  <b>QUICK SHIP ELIGIBLE</b><br><b>NEW!</b> | FT-109    | 109-1   | FILL-TROL TANK & VALVE | 2.0  | 1.0  | 8  | 8  | 15 | 6  | 114198 | 5 QS | \$112.00 |
|  | FT-110    | 110-1   | FILL-TROL TANK & VALVE | 4.4  | 2.5  | 11 | 11 | 17 | 10 | 114525 | 5 QS | \$130.00 |
|  | FT-111    | 111-1   | FILL-TROL TANK & VALVE | 7.4  | 2.5  | 11 | 11 | 25 | 15 | 114914 | 5    | \$198.00 |
|  | FT-112    | 112-2   | FILL-TROL TANK & VALVE | 14.0 | 11.3 | 15 | 15 | 23 | 24 | 115300 | 5    | \$261.00 |
|  | FT-15     | 109-133 | FILL-TROL TANK ONLY    | 2.0  | 1.0  | 8  | 8  | 13 | 5  | 114310 | 5    | \$74.40  |
|  | FT-30     | 110-002 | FILL-TROL TANK ONLY    | 4.4  | 2.5  | 11 | 11 | 15 | 9  | 114488 | 5    | \$90.00  |
|  | FT-109-15 | 109-15  | FILL-TROL VALVE ONLY   | -    | -    | -  | -  | -  | 1  | 370143 | 5    | \$55.80  |

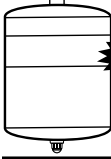
**FT PACKAGES: FILL-TROL COMBINATION KITS**
**B**

|  |            |        |                                  |     |     |    |    |    |    |        |   |          |
|--|------------|--------|----------------------------------|-----|-----|----|----|----|----|--------|---|----------|
|  <b>NEW!</b> | FT-109-100 | 109-9  | FT-109 WITH 1" PURGER & VENT     | 2.0 | 1.0 | 8  | 8  | 19 | 10 | 114433 | 5 | \$153.00 |
|  | FT-109-125 | 109-10 | FT-109 WITH 1-1/4" PURGER & VENT | 2.0 | 1.0 | 8  | 8  | 19 | 10 | 114204 | 5 | \$153.00 |
|  | FT-110-100 | 110-9  | FT-110 WITH 1" PURGER & VENT     | 4.4 | 2.5 | 11 | 11 | 23 | 14 | 114600 | 5 | \$170.00 |
|  | FT-110-125 | 110-10 | FT-110 WITH 1-1/4" PURGER & VENT | 4.4 | 2.5 | 11 | 11 | 23 | 14 | 114532 | 5 | \$170.00 |
|  | FT-111-125 | 111-4  | FT-111 WITH 1-1/4" PURGER & VENT | 7.4 | 2.5 | 11 | 11 | 31 | 18 | 114938 | 5 | \$236.00 |

**RX MODELS: RADIANT EXTROL® HEATING SYSTEM EXPANSION TANKS**
**B**

| Model Number  | Description | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |          |
|---|-------------|--------------|-----------------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|----------|
|   |             |              |                             | L                        | W  | H  |                       |            |                          |                  |          |
|  <b>NEW!</b> | RX-15       | 140-705      | 2.0                         | 0.9                      | 8  | 8  | 13                    | 5          | 413291                   | 5                | \$83.80  |
|   | RX-30       | 141-305      | 4.4                         | 3.2                      | 11 | 11 | 15                    | 9          | 413307                   | 5                | \$103.00 |
|   | RX-60       | 143-381      | 10.3                        | 10.3                     | 15 | 15 | 19                    | 23         | 600035                   | 5                | \$232.00 |

**SE MODELS: CLOSED-LOOP SOLAR EXTROL® EXPANSION TANKS**
**B**

| Model Number  | Description | Volume (Gal) | Max Acceptance Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |          |
|---|-------------|--------------|-----------------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|----------|
|   |             |              |                             | L                        | W  | H  |                       |            |                          |                  |          |
|  <b>NEW!</b> | SE-15       | 104-001      | 2.0                         | 1.0                      | 8  | 8  | 13                    | 5          | 633880                   | 10               | \$66.30  |
|   | SE-30       | 104-002      | 4.4                         | 2.5                      | 11 | 11 | 15                    | 9          | 633897                   | 10               | \$81.10  |
|   | SE-60       | 104-003      | 7.4                         | 2.5                      | 11 | 11 | 23                    | 14         | 633903                   | 10               | \$182.00 |

**Pallet Quantity:** EX-15: 75, EX-30: 48, EX-60: 32, EX-90: 18, Combination Packages: Same as base model  
 SX-30V & SX-40V: 18, SX-60V: 9, SX-90V through SX-110V: 4, RX-15: 75, RX-30: 48, RX-60: 18  
 SE-15: 75, SE-30: 48, SE-60: 32

**Connection:** Steel: EX-15 through EX-90: 1/2" NPTM, SX-30V through SX-60V: 1" NPTF, SX-90V through SX-160V: 1-1/4" NPTF, SE-15 through SE-60: 1/2" NPTM  
 Brass: FT Models: 1/2" NPTF  
 Stainless Steel: RX-15 through RX-30: 1/2" NPTM, RX-60: 3/4" NPTF


**Warranty:** EX, FT, RX & SE Models: 5-Year Limited, SX Models: 1-Year Limited

**Maximum Operating Temp:** Extrol, Fill-Trol: 240° F, Radiant Extrol: 200° F, Solar Extrol: Intermittant 250° F, Continuous 225° F  
**Maximum Working Pressure:** 100 PSI




## Air Purgers, Vents & Valves

**AIR VENTS**
**H**

| Model Number  | Description | Shipping Dimensions (In) |                               |   | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |   |         |
|---|-------------|--------------------------|-------------------------------|---|-----------------------|------------|--------------------------|------------------|---|---------|
|   |             | L                        | W                             | H |                       |            |                          |                  |   |         |
|  | 700-QC      | 700-QC                   | FLOAT VENT, 1/8" QUICK-CHANGE | 2 | 2                     | 4          | 0.5                      | 591982           | 5 | \$14.00 |
|   | 701-C       | 701-30                   | FLOAT VENT, 1/4" CONNECTION   | 2 | 2                     | 4          | 0.5                      | 389473           | 5 | \$14.00 |
|   | 700-C       | 700-30                   | FLOAT VENT, 1/8" CONNECTION   | 2 | 2                     | 4          | 0.5                      | 389466           | 5 | \$12.70 |


**AIR PURGERS**
**C**

|   |       |                        |    |   |   |    |        |   |          |
|---|-------|------------------------|----|---|---|----|--------|---|----------|
|  | 443-1 | CAST AIR PURGER 1"     | 6  | 3 | 4 | 4  | 193117 | 5 | \$26.30  |
|   | 444-1 | CAST AIR PURGER 1-1/4" | 6  | 3 | 4 | 4  | 193148 | 5 | \$26.30  |
|   | 445-1 | CAST AIR PURGER 1-1/2" | 8  | 4 | 5 | 9  | 193186 | 5 | \$60.00  |
|   | 446-1 | CAST AIR PURGER 2"     | 8  | 4 | 5 | 10 | 193223 | 5 | \$66.40  |
|   | 447-1 | CAST AIR PURGER 2-1/2" | 10 | 5 | 6 | 19 | 193254 | 5 | \$150.00 |
|   | 448-1 | CAST AIR PURGER 3"     | 10 | 5 | 6 | 20 | 193261 | 5 | \$186.00 |

**TANK SERVICE CHECK VALVE**
**C**

|   |         |                                  |   |   |   |     |        |   |         |
|---|---------|----------------------------------|---|---|---|-----|--------|---|---------|
|  | 140-470 | SERVICE CHECK, 1/2" QUICK CHANGE | 1 | 1 | 1 | 0.1 | 603487 | 5 | \$13.60 |
|---|---------|----------------------------------|---|---|---|-----|--------|---|---------|

**MIXING VALVES**
**C**

|   |       |   |   |   |   |   |        |   |          |
|---|-------|---|---|---|---|---|--------|---|----------|
|  | 420-1 | 1/2" DOMESTIC WATER MIXING VALVE 110-170F | 2 | 2 | 4 | 1 | 190819 | 5 | \$90.50  |
|   | 421-1 | 3/4" DOMESTIC WATER MIXING VALVE 110-170F | 2 | 2 | 4 | 1 | 190888 | 5 | \$100.00 |
|   | 420-6 | MIXING VALVE REPLACEMENT CARTRIDGE        | - | - | - | 1 | 190826 | 5 | \$27.60  |

**Case Qty:** Air Vents: 24, 443 & 444 Purgers:12  
**Purges Vent Tpng:** 443 through 445: 1/8" NPT, 446: 1/2" NPT, 447 & 448: 3/4" NPT  
**Purges Exp Tpng:** 443 through 448: 1/2" NPT  
**Warranty:** 1-Year Limited

## HYDROMAX® INDIRECT-FIRED WATER HEATERS

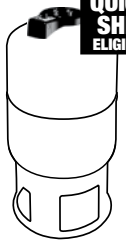
**G**

**QUICK SHIP ELIGIBLE**

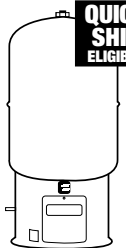
| Model Number | Description | Coil       | Control             | Color | Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |
|--------------|-------------|------------|---------------------|-------|--------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|
|              |             |            |                     |       |              | L                        | W  | H  |                       |            |                          |                  |
| HM-41Z       | 2783Z01-8   | 140MBH TOP | MECHANICAL          | BLACK | 41           | 22                       | 22 | 55 | 124                   | 653000     | 5 QS                     | \$1,683.00       |
| HM-41ZDW     | 2800Z01-8   | 140MBH TOP | MECHANICAL DBL WALL | BLACK | 41           | 22                       | 22 | 55 | 134                   | 659842     | 5                        | \$2,263.00       |
| HM-41L       | 2783L01-8   | 140MBH TOP | ENER-G-NET™         | BLACK | 41           | 22                       | 22 | 55 | 124                   | 654168     | 5                        | \$1,798.00       |
| HM-41LDW     | 2800L01-8   | 140MBH TOP | ENER-G-NET DBL WALL | BLACK | 41           | 22                       | 22 | 55 | 134                   | 659859     | 5                        | \$2,378.00       |
| HM-80Z       | 2782Z01-8   | 140MBH TOP | MECHANICAL          | BLACK | 80           | 26                       | 26 | 62 | 180                   | 654007     | 5                        | \$2,273.00       |
| HM-80ZDW     | 2801Z01-8   | 140MBH TOP | MECHANICAL DBL WALL | BLACK | 80           | 26                       | 26 | 62 | 190                   | 659835     | 5                        | \$2,853.00       |
| HM-80L       | 2782L01-8   | 140MBH TOP | ENER-G-NET          | BLACK | 80           | 26                       | 26 | 62 | 180                   | 654199     | 5                        | \$2,391.00       |
| HM-80LDW     | 2801L01-8   | 140MBH TOP | ENER-G-NET DBL WALL | BLACK | 80           | 26                       | 26 | 62 | 190                   | 659828     | 5                        | \$2,971.00       |

**HM MODELS**

## BOILERMATE® INDIRECT-FIRED WATER HEATERS

**G**

**QUICK SHIP ELIGIBLE**

|            |            |                     |               |      |    |    |    |    |     |        |       |            |
|------------|------------|---------------------|---------------|------|----|----|----|----|-----|--------|-------|------------|
| CH-41Z-B   | 2703Z01-6  | 100MBH TOP          | MECHANICAL    | BLUE | 41 | 22 | 22 | 48 | 124 | 632951 | 10 QS | \$1,526.00 |
| CH-41Z-R   | 2703Z01-1  | 100MBH TOP          | MECHANICAL    | RED  | 41 | 22 | 22 | 48 | 124 | 632937 | 10    | \$1,526.00 |
| CH-41Z-G   | 2703Z01-5  | 100MBH TOP          | MECHANICAL    | GRAY | 41 | 22 | 22 | 48 | 124 | 630773 | 10    | \$1,526.00 |
| CH-41ZDW-B | 2703DW01-6 | 100MBH TOP DBL WALL | MECHANICAL    | BLUE | 41 | 22 | 22 | 48 | 134 | 646040 | 10    | \$1,914.00 |
| CH-41ZDW-R | 2703DW01-1 | 100MBH TOP DBL WALL | MECHANICAL    | RED  | 41 | 22 | 22 | 48 | 134 | 646033 | 10    | \$1,914.00 |
| CH-41ZDW-G | 2703DW01-5 | 100MBH TOP DBL WALL | MECHANICAL    | GRAY | 41 | 22 | 22 | 48 | 134 | 646026 | 10    | \$1,914.00 |
| CH-41ZCT-B | 2703Z02-6  | 100MBH TOP          | CONSTANT TEMP | BLUE | 41 | 22 | 22 | 51 | 127 | 637376 | 15    | \$1,969.00 |
| CH-41ZCT-R | 2703Z02-1  | 100MBH TOP          | CONSTANT TEMP | RED  | 41 | 22 | 22 | 51 | 127 | 638243 | 15    | \$1,969.00 |
| CH-41ZCT-G | 2703Z02-5  | 100MBH TOP          | CONSTANT TEMP | GRAY | 41 | 22 | 22 | 51 | 127 | 638236 | 15    | \$1,969.00 |

**CH MODELS**

**QUICK SHIP ELIGIBLE**

|            |            |                        |            |      |    |    |    |    |     |        |       |            |
|------------|------------|------------------------|------------|------|----|----|----|----|-----|--------|-------|------------|
| CH-80Z-B   | 2702Z01-6  | 100MBH TOP             | MECHANICAL | BLUE | 80 | 26 | 26 | 49 | 180 | 636324 | 10    | \$2,175.00 |
| CH-80Z-R   | 2702Z01-1  | 100MBH TOP             | MECHANICAL | RED  | 80 | 26 | 26 | 49 | 180 | 636300 | 10    | \$2,175.00 |
| CH-80Z-G   | 2702Z01-5  | 100MBH TOP             | MECHANICAL | GRAY | 80 | 26 | 26 | 49 | 180 | 635969 | 10    | \$2,175.00 |
| CH-80ZDW-B | 2702DW01-6 | 100MBH TOP DBL WALL    | MECHANICAL | BLUE | 80 | 26 | 26 | 49 | 190 | 646071 | 10    | \$2,724.00 |
| CH-80ZDW-R | 2702DW01-1 | 100MBH TOP DBL WALL    | MECHANICAL | RED  | 80 | 26 | 26 | 49 | 190 | 646057 | 10    | \$2,724.00 |
| CH-80ZDW-G | 2702DW01-5 | 100MBH TOP DBL WALL    | MECHANICAL | GRAY | 80 | 26 | 26 | 49 | 190 | 646064 | 10    | \$2,724.00 |
| WH-41Z-B   | 2704Z37-6  | 100MBH BOTTOM          | MECHANICAL | BLUE | 41 | 22 | 22 | 48 | 134 | 600998 | 10 QS | \$1,526.00 |
| WH-41Z-R   | 2704Z37-1  | 100MBH BOTTOM          | MECHANICAL | RED  | 41 | 22 | 22 | 48 | 134 | 577252 | 10    | \$1,526.00 |
| WH-41Z-G   | 2704Z81    | 100MBH BOTTOM          | MECHANICAL | GRAY | 41 | 22 | 22 | 48 | 134 | 557469 | 10    | \$1,526.00 |
| WH-41L-B   | 2704E67-6  | 100MBH BOTTOM          | DIGITAL    | BLUE | 41 | 22 | 22 | 48 | 134 | 929623 | 10 QS | \$1,657.00 |
| WH-41L-R   | 2704E67-1  | 100MBH BOTTOM          | DIGITAL    | RED  | 41 | 22 | 22 | 48 | 134 | 577269 | 10    | \$1,657.00 |
| WH-41L-G   | 2704E80    | 100MBH BOTTOM          | DIGITAL    | GRAY | 41 | 22 | 22 | 48 | 134 | 557452 | 10    | \$1,657.00 |
| WH-41ZDW-B | 2704Z1014  | 100MBH BOTTOM DBL WALL | MECHANICAL | BLUE | 41 | 22 | 22 | 48 | 144 | 629630 | 10    | \$1,914.00 |
| WH-41ZDW-G | 2704Z86    | 100MBH BOTTOM DBL WALL | MECHANICAL | GRAY | 41 | 22 | 22 | 48 | 144 | 576101 | 10    | \$1,914.00 |
| WH-41LDW-B | 2704E1015  | 100MBH BOTTOM DBL WALL | DIGITAL    | BLUE | 41 | 22 | 22 | 48 | 144 | 629647 | 10    | \$2,048.00 |
| WH-41LDW-G | 2704E87    | 100MBH BOTTOM DBL WALL | DIGITAL    | GRAY | 41 | 22 | 22 | 48 | 144 | 576118 | 10    | \$2,048.00 |

**WH MODELS**

## HOT WATER MAKER REPLACEMENT PARTS

**I**
**CONTROLS**

|          |   |            |        |   |          |
|----------|---|------------|--------|---|----------|
| 2704-093 | AQUASTAT: RESIDENTIAL 150F, ALL EXC WH-10           | MECHANICAL | 390028 | 1 | \$129.00 |
| 2775-454 | AQUASTAT: COMMERCIAL 180F, ALL EXC WH-10            | MECHANICAL | 519658 | 1 | \$174.00 |
| 2770-133 | AQUASTAT: 150F, WH-10                               | MECHANICAL | 343475 | 1 | \$129.00 |
| 940R101  | DIGITAL CONTROL REPLACEMENT & UPGRADE, WH, TD & WHS | DIGITAL    | 654144 | 1 | \$312.00 |
| 940R2    | ENER-G-NET DIGITAL CONTROL ONLY                     | DIGITAL    | 654069 | 1 | \$307.00 |
| 2704-259 | DIGITAL TEMPERATURE SENSOR ONLY (THERMISTOR)        | DIGITAL    | 432650 | 1 | \$40.20  |
| 2704-392 | AQUASTAT RETROFIT KIT, WH                           | MECHANICAL | 466846 | 1 | \$259.00 |
| 2704-487 | AQUASTAT RETROFIT KIT W/RELAY, WH                   | MECHANICAL | 611888 | 1 | \$296.00 |
| 2775-455 | AQUASTAT RETROFIT KIT, WHS                          | MECHANICAL | 519726 | 1 | \$259.00 |
| 2775-768 | AQUASTAT RETROFIT KIT W/RELAY, WHS                  | MECHANICAL | 611857 | 1 | \$296.00 |
| 2704-529 | UNIVERSAL 10K DIGITAL TEMP SENSOR KIT               | DIGITAL    | 651044 | 1 | \$42.10  |

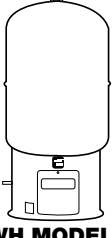
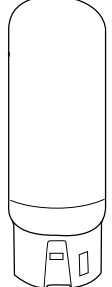
**HEAT EXCHANGER COILS**

|           |                                       |        |   |            |
|-----------|---------------------------------------|--------|---|------------|
| 2700-5000 | WH MODELS (ALL EXCEPT WH-7C)          | 534095 | 1 | \$1,126.00 |
| 2700-5001 | WH-7C & WHS-C COMMERCIAL MODELS       | 534101 | 1 | \$1,360.00 |
| 2700-5002 | WH-DW DBL-WALL MODELS (EXCEPT WH-7C)  | 534118 | 1 | \$1,887.00 |
| 2700-5003 | WH-7CDW & WHS-CDW COM. DBL. WALL MDLS | 534125 | 1 | \$2,405.00 |
| 2700-5005 | TD-41 MODELS (EXCEPT DW)              | 604002 | 1 | \$1,321.00 |
| 2700-5006 | TD-41DW DOUBLE-WALL MODELS            | 604033 | 1 | \$2,362.00 |
| 2700-5008 | TD-80 MODELS                          | 604026 | 1 | \$1,376.00 |
| 2703R003  | CH-41 MODELS                          | 641762 | 1 | \$795.00   |
| 2702R002  | CH-80 MODELS                          | 659934 | 1 | \$832.00   |
| 2702R007  | CH-80 DW DOUBLE-WALL MODELS           | 686954 | 1 | \$1,594.00 |
| 2775-82   | WHS MODELS (EXCEPT C & DW)            | 534378 | 1 | \$1,148.00 |
| 2775-83   | WHS-DW RESIDENTIAL MODELS             | 534385 | 1 | \$1,909.00 |
| 2775-84   | WHS-DW COMMERCIAL MODELS              | 534392 | 1 | \$2,487.00 |
| 2713R002  | HM-41 MODELS                          | 659958 | 1 | \$1,015.00 |
| 2712R002  | HM-80 MODELS                          | 659941 | 1 | \$1,059.00 |
| 2801R002  | HM-80 DW DOUBLE-WALL MODELS           | 686947 | 1 | \$1,820.00 |

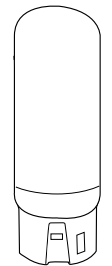
**MISC PARTS**

|           |                                    |        |   |         |
|-----------|------------------------------------|--------|---|---------|
| 2700-924  | AQUASTAT DRY WELL                  | 166357 | 1 | \$61.80 |
| 2500-218  | HEAT EXCHANGER COIL GASKET, 8 BOLT | 160768 | 1 | \$8.10  |
| 2500-178  | WH TOP OUTLET O-RING               | 160690 | 1 | \$1.00  |
| 2700-635  | WH TOP OUTLET UNION TEE PACKAGE    | 164438 | 1 | \$82.60 |
| 2703R001  | DIP TUBE, CH-41                    | 673503 | 1 | \$12.10 |
| 2702R001  | DIP TUBE, CH-80                    | 677389 | 1 | \$15.20 |
| 9340R160  | DRAIN VALVE ASSEMBLY, ALL CH & HM  | 671271 | 1 | \$75.70 |
| 2700R1106 | T&P RELIEF VALVE, RESIDENTIAL      | 643896 | 1 | \$36.30 |
| 2704R512  | TOP COVER HALF, HM-41 & HM-80      | 677372 | 1 | \$39.20 |
| 2783R0001 | HEAT TRAP, ALL HM                  | 677365 | 1 | \$24.70 |
| 2783R0004 | T&P BLOWDOWN TUBE: HM-41           | 677341 | 1 | \$43.90 |
| 2782R0002 | T&P BLOWDOWN TUBE: HM-80           | 677358 | 1 | \$44.10 |

## PREMIER™ INDIRECT-FIRED WATER HEATERS

| Model Number  | Description | Coil                     | Control                  | Material   | Volume (Gal) | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |            |
|---|-------------|--------------------------|--------------------------|------------|--------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|------------|
|   |             |                          |                          |            |              | L                        | W  | H  |                       |            |                          |                  |            |
| <br><b>WH MODELS</b>           | WH-7C       | 2704E76                  | 240MBH BOTTOM            | DIGITAL    | 180F Poly    | 41                       | 22 | 22 | 48                    | 144        | 557414                   | 10               | \$3,120.00 |
|   | WH-7ZC      | 2704Z91                  | 240MBH BOTTOM            | MECHANICAL | 180F Poly    | 41                       | 22 | 22 | 48                    | 144        | 582072                   | 10               | \$2,989.00 |
|   | WH-7CDW     | 2704E75                  | 240MBH BOTTOM DBL WALL   | DIGITAL    | 180F Poly    | 41                       | 22 | 22 | 48                    | 154        | 557407                   | 10               | \$3,770.00 |
| <br><b>WHS &amp; DC MODELS</b> | WHS-60Z     | 2775S5009                | 140MBH BOTTOM            | MECHANICAL | Stainless    | 60                       | 26 | 26 | 54                    | 160        | 557506                   | 10               | \$3,628.00 |
|   | WHS-60L     | 2775S5007                | 140MBH BOTTOM            | DIGITAL    | Stainless    | 60                       | 26 | 26 | 54                    | 160        | 557483                   | 10               | \$3,896.00 |
|   | WHS-60ZDW   | 2775S5010                | 140MBH BOTTOM DBL WALL   | MECHANICAL | Stainless    | 60                       | 26 | 26 | 54                    | 170        | 557513                   | 10               | \$4,211.00 |
|   | WHS-60LDW   | 2775S5008                | 140MBH BOTTOM DBL WALL   | DIGITAL    | Stainless    | 60                       | 26 | 26 | 54                    | 170        | 557490                   | 10               | \$4,434.00 |
|   | WHS-60ZC    | 2775S5027                | 240MBH BOTTOM            | MECHANICAL | Stainless    | 60                       | 26 | 26 | 54                    | 170        | 575753                   | 10               | \$3,984.00 |
|   | WHS-60ZCDW  | 2775S5011                | 240MBH BOTTOM DBL WALL   | MECHANICAL | Stainless    | 60                       | 26 | 26 | 54                    | 170        | 557520                   | 10               | \$4,893.00 |
|   | WHS-80Z     | 2775S5014                | 140MBH BOTTOM            | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 170        | 557551                   | 10               | \$4,334.00 |
|   | WHS-80L     | 2775S5012                | 140MBH BOTTOM            | DIGITAL    | Stainless    | 80                       | 26 | 26 | 66                    | 170        | 557537                   | 10               | \$4,584.00 |
|   | WHS-80ZDW   | 2775S5015                | 140MBH BOTTOM DBL WALL   | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 180        | 557568                   | 10               | \$4,674.00 |
|   | WHS-80LDW   | 2775S5013                | 140MBH BOTTOM DBL WALL   | DIGITAL    | Stainless    | 80                       | 26 | 26 | 66                    | 180        | 557544                   | 10               | \$4,922.00 |
|   | WHS-80ZC    | 2775S5026                | 240MBH BOTTOM            | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 180        | 575777                   | 10               | \$4,561.00 |
|   | WHS-80ZCDW  | 2775S5016                | 240MBH BOTTOM DBL WALL   | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 180        | 557575                   | 10               | \$5,360.00 |
|   | DC-80       | 2775S5029                | DUAL HEAT EXCHANGERS     | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 190        | 584151                   | 10               | \$5,330.00 |
|   | DC-80DW     | 2775S5030                | DUAL DBL WALL EXCHANGERS | MECHANICAL | Stainless    | 80                       | 26 | 26 | 66                    | 200        | 584182                   | 10               | \$6,020.00 |
|   | WHS-120Z    | 2775S5020                | 140MBH BOTTOM            | MECHANICAL | Stainless    | 120                      | 30 | 30 | 71                    | 200        | 557605                   | 10               | \$5,800.00 |
| WHS-120L  | 2775S5019   | 140MBH BOTTOM            | DIGITAL                  | Stainless  | 120          | 30                       | 30 | 71 | 200                   | 557599     | 10                       | \$6,020.00       |            |
| WHS-120ZC   | 2775S5025   | 240MBH BOTTOM            | MECHANICAL               | Stainless  | 120          | 30                       | 30 | 71 | 200                   | 575791     | 10                       | \$6,090.00       |            |
| WHS-120ZCDW   | 2775S5021   | 240MBH BOTTOM DBL WALL   | MECHANICAL               | Stainless  | 120          | 30                       | 30 | 71 | 210                   | 557612     | 10                       | \$6,770.00       |            |
| DC-120  | 2775S5031   | DUAL HEAT EXCHANGERS     | MECHANICAL               | Stainless  | 120          | 30                       | 30 | 71 | 220                   | 584212     | 10                       | \$6,850.00       |            |
| DC-120DW  | 2775S5032   | DUAL DBL WALL EXCHANGERS | MECHANICAL               | Stainless  | 120          | 30                       | 30 | 71 | 230                   | 584243     | 10                       | \$7,730.00       |            |

## PREMIER HOT WATER STORAGE TANKS

| Model Number   | Description | Volume (Gal)            | Shipping Dimensions (In) |    |    | Shipping Weight (Lbs) | UPC 642031 | Standard Leadtime (Days) | List Price (USD) |            |
|--|-------------|-------------------------|--------------------------|----|----|-----------------------|------------|--------------------------|------------------|------------|
|  |             |                         | L                        | W  | H  |                       |            |                          |                  |            |
| <br><b>S MODELS</b> | S-41        | 2704-71                 | 41                       | 22 | 22 | 54                    | 120        | 552419                   | 10               | \$1,282.00 |
|  | S-41L       | 2704-83 LESS AQUASTAT   | 41                       | 22 | 22 | 54                    | 120        | 566591                   | 10               | \$1,182.00 |
|  | S-80        | 2775-5001               | 80                       | 26 | 26 | 66                    | 156        | 552426                   | 10               | \$3,145.00 |
|  | S-80L       | 2775-5023 LESS AQUASTAT | 80                       | 26 | 26 | 66                    | 156        | 571144                   | 10               | \$3,041.00 |
|  | S-120       | 2775-5002               | 120                      | 30 | 30 | 71                    | 196        | 552433                   | 10               | \$4,497.00 |
|  | S-120L      | 2775-5024 LESS AQUASTAT | 120                      | 30 | 30 | 71                    | 196        | 571151                   | 10               | \$4,392.00 |



**Pallet Quantity:** All Models: 4  
**Warranty:** HM Models: 7-Years with Limited Lifetime upgrade option in carton  
 CH & WH Models: 6-Years with Limited Lifetime upgrade option in carton  
 WHS, DC & S Models: 10-Year Limited (Residential), 5-Year Limited (Commercial)  
**Hardware:** All models include T&P relief and drain valves

COMMERCIAL / RESIDENTIAL PRODUCTS

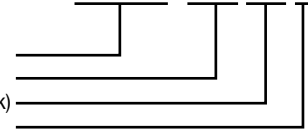
## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Fixed diaphragm construction.
- Available in Horizontal and Vertical configurations.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

AX-80-125SGR

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)

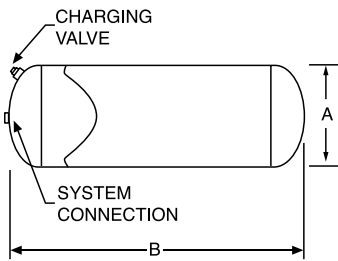


AX-80 (Horizontal) 125 PSI Rating with Sight Glass & Restraints

## AX MODELS: HORIZONTAL DIAPHRAGM TYPE, ASME

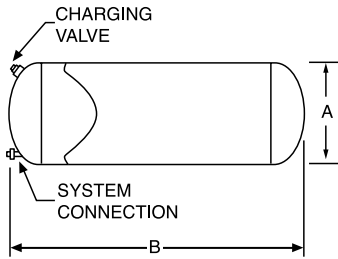
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### TECHNICAL DATA



AX-15 THROUGH AX-240

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Length (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| AX-15             | 8.0          | 2.4                         | 12              | 19            | 37                    | 39      | 48      | 55      | 59      |
| AX-20             | 10.9         | 2.4                         | 12              | 26            | 46                    | 48      | 60      | 69      | 74      |
| AX-40             | 21.7         | 11.3                        | 16              | 29            | 74                    | 76      | 96      | 111     | 118     |
| AX-60             | 33.6         | 11.3                        | 16              | 43            | 96                    | 120     | 125     | 144     | 154     |
| AX-80             | 44.4         | 22.6                        | 24              | 29            | 153                   | 160     | 200     | 230     | 245     |
| AX-100            | 55.7         | 22.6                        | 24              | 33            | 174                   | 180     | 227     | 261     | 279     |
| AX-120            | 68.0         | 34.0                        | 24              | 41            | 204                   | 245     | 266     | 306     | 327     |
| AX-144            | 77.0         | 34.0                        | 24              | 46            | 218                   | 250     | 285     | 327     | 350     |
| AX-180            | 90.0         | 34.0                        | 24              | 54            | 232                   | 265     | 301     | 348     | 372     |
| AX-200            | 110.0        | 34.0                        | 24              | 64            | 269                   | 320     | 350     | 404     | 430     |
| AX-240            | 132.0        | 46.0                        | 30              | 51            | 401                   | 403     | 522     | 602     | 642     |
| AX-260            | 159.0        | 56.0                        | 30              | 62            | 455                   | 460     | 572     | 683     | 728     |
| AX-280            | 211.0        | 84.0                        | 30              | 80            | 580                   | 600     | 755     | 870     | 930     |



AX-260 & AX-280

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                   |          |
|-------------------|-----------------------------|-------------------|-------------------|-------------------|----------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI           | 250 PSI           | 300 PSI  |
| AX-15             | 117-0015 / \$1,610          | 117-459 / \$1,771 | \$1,947           | 117-622 / \$2,142 | \$2,358  |
| AX-20             | 117-0020 / \$1,636          | 117-462 / \$1,799 | \$1,979           | \$2,177           | \$2,396  |
| AX-40             | 117-0040 / \$2,300          | 117-465 / \$2,528 | 117-556 / \$2,782 | \$3,061           | \$3,366  |
| AX-60             | 117-0060 / \$2,526          | 117-468 / \$2,780 | 117-554 / \$3,058 | \$3,364           | \$3,702  |
| AX-80             | 117-80 / \$3,206            | 117-525 / \$3,528 | \$3,880           | \$4,268           | \$4,696  |
| AX-100            | 117-100 / \$3,316           | 117-476 / \$3,646 | \$4,012           | \$4,414           | \$4,854  |
| AX-120            | 117-120 / \$3,500           | 117-481 / \$3,851 | 117-553 / \$4,130 | \$4,659           | \$5,100  |
| AX-144            | 117-144 / \$3,823           | 117-484 / \$4,205 | \$4,627           | \$5,090           | \$5,590  |
| AX-180            | 117-180 / \$4,038           | 117-487 / \$4,441 | \$4,884           | \$5,370           | \$5,920  |
| AX-200            | 117-200 / \$4,313           | 117-490 / \$4,743 | 117-449 / \$5,220 | \$5,740           | \$6,310  |
| AX-240            | 117-408 / \$4,939           | 117-493 / \$5,430 | \$5,970           | \$6,580           | \$7,230  |
| AX-260            | 117-420 / \$6,760           | 117-496 / \$7,430 | \$8,170           | \$8,990           | \$9,890  |
| AX-280            | 117-430 / \$8,200           | 117-499 / \$9,020 | 117-638 / \$9,240 | \$10,900          | \$12,025 |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Restraints (Saddles) (R):** AX-15 & 20: \$149, AX-40 & 60: \$229, AX-80 through 200: \$344, AX-240 through 280: \$459

**Standard Leadtime:** 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 & 300 PSI: 40 Days  
**Connection:** Malleable Iron: AX-15 through AX-60: 1/2", AX-80 through AX-240: 1", AX-260 & AX-280: 1-1/4"  
 AX-15 through AX-100: NPTF, Center  
 AX-120 through AX-240: NPTM, Center  
 AX-260 & AX-280: NPTM, Offset  
**Factory Precharge:** All models: 12 PSI  
**Warranty:** 1-Year Limited

COMMERCIAL PRODUCTS



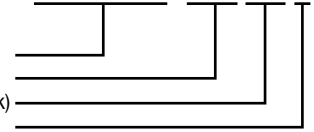
## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Fixed diaphragm construction.
- Available in Horizontal and Vertical configurations.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

AX-120V-150

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)



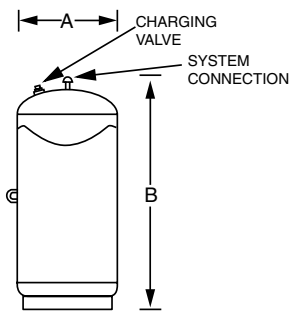
AX-120V (Vertical) 150 PSI Rating (No Sight Glass and Restraints)

## AX-V MODELS: VERTICAL DIAPHRAGM TYPE, ASME

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### TECHNICAL DATA

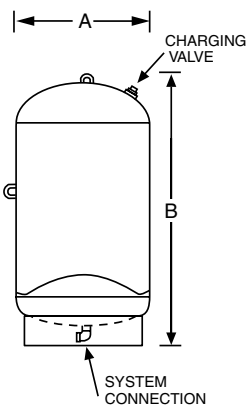
| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| AX-15V            | 8.0          | 2.4                         | 12              | 20            | 39                    | 41      | 49      | 59      | 62      |
| AX-20V            | 10.9         | 2.4                         | 12              | 27            | 47                    | 49      | 61      | 71      | 75      |
| AX-40V            | 21.7         | 11.3                        | 16              | 30            | 76                    | 80      | 99      | 114     | 122     |
| AX-60V            | 33.6         | 11.3                        | 16              | 45            | 98                    | 103     | 127     | 147     | 157     |
| AX-80V            | 44.4         | 22.6                        | 24              | 29            | 155                   | 167     | 201     | 233     | 248     |
| AX-100V           | 55.7         | 22.6                        | 24              | 34            | 176                   | 187     | 229     | 264     | 282     |
| AX-120V           | 68.0         | 34.0                        | 24              | 47            | 214                   | 255     | 278     | 321     | 342     |
| AX-144V           | 77.0         | 34.0                        | 24              | 52            | 230                   | 267     | 299     | 345     | 368     |
| AX-180V           | 90.0         | 34.0                        | 24              | 60            | 271                   | 275     | 352     | 407     | 434     |
| AX-200V           | 110.0        | 34.0                        | 24              | 66            | 290                   | 358     | 377     | 435     | 464     |
| AX-240V           | 132.0        | 46.0                        | 30              | 58            | 401                   | 403     | 521     | 602     | 642     |
| AX-260V           | 159.0        | 56.0                        | 30              | 65            | 460                   | 467     | 598     | 690     | 736     |
| AX-280V           | 211.0        | 84.0                        | 30              | 82            | 590                   | 605     | 767     | 885     | 945     |



AX-15V THROUGH AX-100V

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                    |                    |                   |
|-------------------|-----------------------------|-------------------|--------------------|--------------------|-------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI            | 250 PSI            | 300 PSI           |
| AX-15V            | 117-401 / \$1,611           | 117-461 / \$1,772 | 117-454 / \$1,948  | 117-551 / \$2,143  | 117-586 / \$2,359 |
| AX-20V            | 117-402 / \$1,636           | 117-464 / \$1,799 | 117-452 / \$1,979  | 117-573 / \$2,177  | \$2,396           |
| AX-40V            | 117-403 / \$2,300           | 117-467 / \$2,528 | 117-453 / \$2,782  | 117-637 / \$3,061  | 117-625 / \$3,366 |
| AX-60V            | 117-0062 / \$2,526          | 117-470 / \$2,780 | 117-0559 / \$3,058 | 117-591 / \$3,364  | \$3,702           |
| AX-80V            | 117-81 / \$3,224            | 117-474 / \$3,546 | 117-588 / \$3,901  | 117-569 / \$4,291  | \$4,722           |
| AX-100V           | 117-101 / \$3,323           | 117-479 / \$3,654 | \$4,020            | 117-558 / \$4,422  | 117-550 / \$4,867 |
| AX-120V           | 117-121 / \$3,993           | 117-483 / \$4,394 | 117-620 / \$4,834  | 117-593 / \$5,310  | \$5,860           |
| AX-144V           | 117-145 / \$4,255           | 117-486 / \$4,681 | \$5,150            | 117-102 / \$5,680  | 117-589 / \$6,240 |
| AX-180V           | 117-181 / \$4,830           | 117-489 / \$5,310 | 117-565 / \$5,860  | \$6,430            | \$7,070           |
| AX-200V           | 117-201 / \$4,945           | 117-492 / \$5,440 | 117-585 / \$5,980  | 117-557 / \$6,590  | \$7,240           |
| AX-240V           | 117-281 / \$5,690           | 117-495 / \$6,250 | \$6,870            | \$7,560            | 117-598 / \$8,320 |
| AX-260V           | 117-421 / \$6,870           | 117-498 / \$7,560 | \$8,330            | \$9,160            | \$10,075          |
| AX-280V           | 117-431 / \$8,480           | 117-501 / \$9,320 | 117-580 / \$10,250 | 117-572 / \$11,275 | \$12,400          |

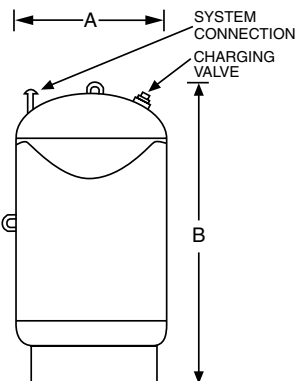


AX-120V THROUGH AX-240V

- Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

- Standard Leadtime:** 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 & 300 PSI: 40 Days  
**Connection (NPT):** Malleable Iron: AX-15V through AX-60V: 1/2", AX-80V through AX-240V: 1", AX-260V & AX-280V: 1-1/4"  
 AX-15V through AX-100V: NPTF, Center  
 AX-120V through AX-240V: NPTF, Bottom  
 AX-260V & AX-280V: NPTM, Offset

- Factory Precharge:** All models: 12 PSI  
**Warranty:** 1-Year Limited



AX-260V & AX-280V

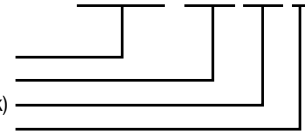
## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Replaceable bladder construction.
- Available in Full Acceptance versions.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

800-L-175SGR

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)

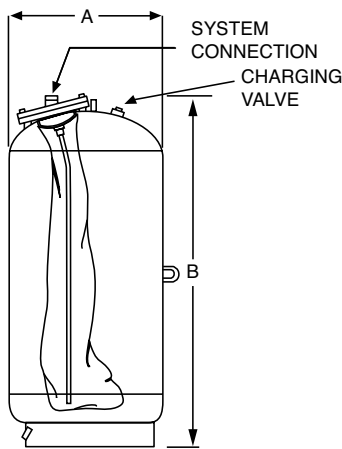


800-L 175 PSI Rating with Sight Glass & Restraints

## L MODELS: FULL ACCEPTANCE BLADDER, TOP CONNECTION, ASME

J

### TECHNICAL DATA



| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| 200-L             | 53           | 53                          | 24              | 38            | 190                   | 205     | 250     | 290     | 297     |
| 300-L             | 80           | 80                          | 24              | 52            | 230                   | 292     | 320     | 385     | 372     |
| 400-L             | 106          | 106                         | 24              | 66            | 275                   | 343     | 375     | 465     | 595     |
| 500-L             | 132          | 132                         | 24              | 79            | 311                   | 372     | 435     | 545     | 750     |
| 600-L             | 158          | 158                         | 30              | 64            | 439                   | 510     | 595     | 720     | 810     |
| 800-L             | 211          | 211                         | 30              | 82            | 543                   | 565     | 620     | 905     | 950     |
| 1000-L            | 264          | 264                         | 36              | 74            | 609                   | 750     | 750     | 1,015   | 1,065   |
| 1200-L            | 317          | 317                         | 36              | 86            | 700                   | 860     | 860     | 1,175   | 1,235   |
| 1400-L            | 370          | 370                         | 36              | 98            | 783                   | 970     | 970     | 1,335   | 1,400   |
| 1600-L            | 422          | 422                         | 48              | 69            | 1,106                 | 1,425   | 1,615   | 1,916   | 2,015   |
| 2000-L            | 528          | 528                         | 48              | 84            | 1,284                 | 1,675   | 2,386   | 2,410   | 2,651   |
| 2500-L            | 660          | 660                         | 48              | 101           | 1,544                 | 1,945   | 2,411   | 2,585   | 2,715   |
| 3000-L            | 792          | 792                         | 48              | 118           | 1,719                 | 2,225   | 2,500   | 2,950   | 3,100   |
| 3500-L            | 925          | 925                         | 54              | 111           | 2,187                 | 2,375   | 2,620   | 3,660   | 3,780   |
| 4000-L            | 1,057        | 1,057                       | 54              | 125           | 2,352                 | 2,640   | 3,000   | 4,080   | 4,285   |
| 5000-L            | 1,321        | 1,321                       | 60              | 128           | 2,450                 | 3,740   | 4,100   | 4,200   | 5,200   |
| 7500-L            | 1,980        | 1,980                       | 72              | 127           | 4,000                 | 4,300   | 4,500   | 5,550   | 6,750   |
| 10000-L           | 2,640        | 2,640                       | 72              | 159           | 4,900                 | 5,300   | 5,500   | 6,800   | 11,000  |
| 15000-L           | 3,963        | 3,963                       | 72              | 233           | 6,000                 | 7,600   | 7,900   | 9,800   | 12,500  |

### 200-L THROUGH 15000-L

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                     |                    |                    |                    |
|-------------------|-----------------------------|---------------------|--------------------|--------------------|--------------------|
|                   | 125 PSI                     | 150 PSI             | 175 PSI            | 250 PSI            | 300 PSI            |
| 200-L             | 191-2 / \$5,230             | 117-509 / \$6,070   | 191-19 / \$6,920   | 191-18 / \$7,960   | 191-42 / \$9,150   |
| 300-L             | 192-2 / \$5,590             | 117-510 / \$6,440   | 192-20 / \$7,410   | 192-19 / \$8,510   | 192-39 / \$9,800   |
| 400-L             | 193-2 / \$5,950             | 117-511 / \$6,840   | 193-20 / \$7,880   | 193-19 / \$9,060   | 193-41 / \$10,425  |
| 500-L             | 194-2 / \$6,250             | 117-512 / \$7,180   | 194-19 / \$8,260   | 194-18 / \$9,500   | 194-37 / \$10,925  |
| 600-L             | 174-2 / \$8,810             | 117-513 / \$10,150  | 174-22 / \$11,675  | 174-23 / \$13,425  | 194-39 / \$15,425  |
| 800-L             | 175-2 / \$9,570             | 117-514 / \$11,000  | 175-22 / \$12,675  | 175-23 / \$14,550  | 175-37 / \$16,750  |
| 1000-L            | 176-2 / \$11,000            | 117-515 / \$12,700  | 176-22 / \$14,600  | 176-23 / \$16,775  | 176-35 / \$19,275  |
| 1200-L            | 177-2 / \$11,750            | 117-516 / \$13,500  | 177-22 / \$15,550  | 177-16 / \$17,875  | 177-33 / \$20,550  |
| 1400-L            | 178-2 / \$12,575            | 117-517 / \$14,450  | 178-22 / \$16,625  | 178-23 / \$19,100  | 178-34 / \$21,975  |
| 1600-L            | 179-2 / \$18,075            | 117-518 / \$20,825  | 179-22 / \$23,925  | 179-23 / \$27,500  | 179-34 / \$31,675  |
| 2000-L            | 180-2 / \$19,625            | 117-519 / \$22,550  | 180-22 / \$25,900  | 180-23 / \$29,825  | 180-74 / \$34,300  |
| 2500-L            | 180-33 / \$22,625           | 117-520 / \$26,100  | 180-40 / \$29,950  | 180-43 / \$34,450  | 180-76 / \$39,575  |
| 3000-L            | 180-34 / \$28,775           | 117-521 / \$33,000  | 180-39 / \$38,000  | 180-44 / \$43,700  | 180-64 / \$50,250  |
| 3500-L            | 189-1 / \$34,875            | 117-522 / \$40,125  | 180-41 / \$46,125  | 180-45 / \$53,050  | 180-78 / \$61,100  |
| 4000-L            | 189-2 / \$40,575            | 117-523 / \$47,825  | 180-42 / \$53,600  | 180-46 / \$61,750  | 180-79 / \$71,000  |
| 5000-L            | 189-3 / \$53,550            | 117-940 / \$61,650  | 180-65 / \$70,800  | 189-7 / \$81,450   | 180-129 / \$93,700 |
| 7500-L            | 189-24 / \$94,550           | 117-473 / \$108,800 | 180-55 / \$124,900 | 189-42 / \$143,800 | 180-81 / \$165,400 |
| 10000-L           | 180-137 / \$108,400         | 117-941 / \$124,500 | 180-57 / \$143,300 | 180-58 / \$164,800 | 180-82 / \$189,400 |
| 15000-L           | 189-10 / \$144,000          | 117-475 / \$165,500 | 180-59 / \$190,400 | 180-60 / \$218,900 | 180-83 / \$251,700 |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** 200-L through 4000-L: 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 & 300 PSI: 40 Days  
 5000-L: 125 & 150 PSI: 20 Days, 175 PSI: 40 Days, 250 & 300 PSI: 60 Days,  
 7500-L through 15000-L: All pressures: 60 Days

**Connection (NPTF):** Malleable Iron: 200-L through 500-L: 1", 600-L through 2000-L: 1-1/2",  
 2500-L through 5000-L: 2", 7500-L through 15000-L: 3"

**Factory Precharge:** All models: 12 PSI  
**Warranty:** 1-Year Limited

## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Replaceable bladder construction.
- Available in Partial Acceptance versions.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

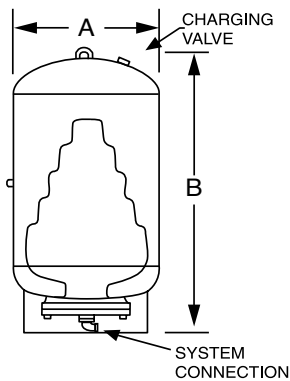
130-LBC-125 R

Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)

**130-LBC 125 PSI Rating with Restraints (No Sight Glass)**

## LBC MODELS: PARTIAL ACCEPTANCE BLADDER, BOTTOM CONNECTION, ASME J

### TECHNICAL DATA



| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| 35-LBC            | 10           | 10                          | 10              | 37            | 67                    | 76      | 80      | 94      | 100     |
| 50-LBC            | 13           | 11                          | 12              | 37            | 76                    | 78      | 91      | 106     | 114     |
| 85-LBC            | 22           | 11                          | 16              | 35            | 92                    | 95      | 110     | 129     | 138     |
| 100-LBC           | 26           | 11                          | 16              | 39            | 99                    | 102     | 119     | 138     | 150     |
| 130-LBC           | 34           | 27                          | 20              | 35            | 135                   | 140     | 162     | 189     | 202     |
| 165-LBC           | 44           | 27                          | 20              | 40            | 149                   | 153     | 178     | 214     | 225     |
| 200-LBC           | 53           | 27                          | 24              | 41            | 195                   | 205     | 234     | 273     | 293     |
| 300-LBC           | 80           | 27                          | 24              | 56            | 233                   | 254     | 280     | 326     | 350     |
| 400-LBC           | 106          | 53                          | 24              | 69            | 274                   | 308     | 329     | 383     | 411     |
| 500-LBC           | 132          | 53                          | 24              | 83            | 310                   | 352     | 372     | 434     | 465     |
| 600-LBC           | 158          | 53                          | 30              | 67            | 438                   | 442     | 525     | 613     | 657     |

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                  |                  |
|-------------------|-----------------------------|-------------------|-------------------|------------------|------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI           | 250 PSI          | 300 PSI          |
| 35-LBC            | 165-5 / \$3,732             | 165-10 / \$4,291  | \$4,937           | \$5,690          | \$6,520          |
| 50-LBC            | 166-5 / \$3,773             | 166-10 / \$4,337  | \$4,875           | 166-18 / \$5,740 | 166-1 / \$6,600  |
| 85-LBC            | 167-4 / \$3,825             | 167-10 / \$4,399  | \$5,060           | \$5,820          | 167-18 / \$6,700 |
| 100-LBC           | 168-4 / \$3,882             | 168-10 / \$4,465  | \$5,130           | \$5,910          | \$6,800          |
| 130-LBC           | 169-4 / \$3,935             | 117-502 / \$4,525 | \$5,200           | \$5,980          | \$6,880          |
| 165-LBC           | 171-15 / \$4,032            | 117-503 / \$4,638 | 117-601 / \$5,340 | \$6,130          | \$7,060          |
| 200-LBC           | 191-33 / \$4,098            | 117-504 / \$4,712 | \$5,420           | \$6,240          | \$7,170          |
| 300-LBC           | 192-31 / \$4,230            | 117-505 / \$4,866 | \$5,590           | \$6,440          | \$7,410          |
| 400-LBC           | 193-32 / \$4,981            | 117-506 / \$5,730 | 117-103 / \$6,600 | \$7,570          | \$8,710          |
| 500-LBC           | 194-32 / \$5,370            | 117-507 / \$6,170 | \$7,110           | \$8,170          | \$9,400          |
| 600-LBC           | 174-36 / \$6,700            | 117-508 / \$7,710 | \$8,870           | \$10,200         | \$11,750         |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 & 300 PSI: 40 Days  
**Connection (NPTF):** Malleable Iron: All LBC Models: 1"  
**Factory Precharge:** All models: 12 PSI  
**Warranty:** 1-Year Limited

### 35-LBC THROUGH 600-LBC

## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Constructed to ASME Section VIII, Division 1.

## How to Order: Specify Model & Options

6-ASL-125

Step 1: Select Base Model Number  
Step 2: Choose Pressure Rating

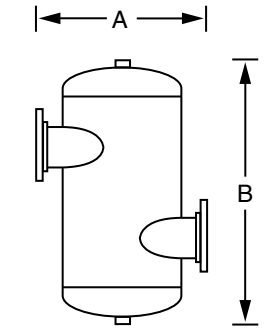
6-Inch Air Separator Less Strainer, 125 PSI Rating

## TANGENTIAL AIR SEPARATORS, LESS STRAINER, ASME

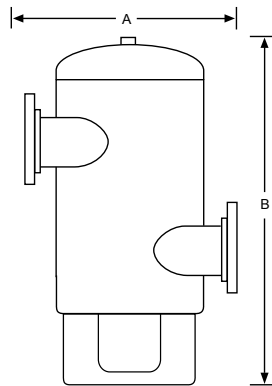
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### TECHNICAL DATA

| Base Model Number | Connection Size (In) | A Width (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|----------------------|--------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |                      |              |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| 1-ASL             | 1                    | 7            | 12            | 14                    | 15      | N/A     | N/A     | N/A     |
| 2-ASL             | 2                    | 18           | 23            | 41                    | 43      | 59      | 65      | 74      |
| 2 1/2-ASL         | 2-1/2                | 18           | 23            | 50                    | 54      | 70      | 80      | 90      |
| 3-ASL             | 3                    | 18           | 24            | 56                    | 60      | 80      | 90      | 100     |
| 4-ASL             | 4                    | 23           | 25            | 66                    | 79      | 92      | 105     | 118     |
| 5-ASL             | 5                    | 26           | 40            | 175                   | 195     | 266     | 280     | 315     |
| 6-ASL             | 6                    | 28           | 45            | 190                   | 210     | 330     | 350     | 400     |
| 8-ASL             | 8                    | 34           | 57            | 350                   | 400     | 490     | 560     | 630     |
| 10-ASL            | 10                   | 42           | 63            | 700                   | 750     | 950     | 1,120   | 1,260   |
| 12-ASL            | 12                   | 48           | 82            | 912                   | 990     | 1,200   | 1,460   | 1,640   |
| 14-ASL            | 14                   | 58           | 102           | 1,853                 | 2,150   | 2,800   | 2,965   | 3,335   |
| 16-ASL            | 16                   | 66           | 104           | 2,610                 | 3,600   | 4,060   | 4,175   | 4,700   |
| 18-ASL            | 18                   | 66           | 114           | 2,900                 | 4,000   | 4,600   | 5,100   | 5,400   |
| 20-ASL            | 20                   | 72           | 110           | 4,560                 | 5,800   | 6,500   | 7,300   | 8,200   |
| 22-ASL            | 22                   | 72           | 126           | 5,320                 | 6,000   | 7,000   | 8,500   | 9,575   |
| 24-ASL            | 24                   | 84           | 147           | 6,175                 | 7,000   | 8,500   | 9,880   | 11,000  |



1-ASL through 4-ASL



5-ASL through 24-ASL

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                   |                   |
|-------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI           | 250 PSI           | 300 PSI           |
| 1-ASL             | 489-1 / \$1,236             | 489-5 / \$1,363   | N/A               | N/A               | N/A               |
| 2-ASL             | 490-6 / \$1,402             | 490-26 / \$1,540  | \$1,960           | 490-28 / \$2,239  | \$2,518           |
| 2 1/2-ASL         | 491-6 / \$1,587             | 491-15 / \$1,745  | \$2,218           | 491-18 / \$2,539  | 491-16 / \$2,852  |
| 3-ASL             | 492F0006 / \$1,916          | 492-27 / \$2,106  | 492-31 / \$2,684  | 492-32 / \$3,064  | 492-28 / \$3,453  |
| 4-ASL             | 493-0006 / \$2,232          | 493-29 / \$2,455  | 493-33 / \$3,130  | 493-10 / \$3,575  | 493-31 / \$4,022  |
| 5-ASL             | 494-0006 / \$2,644          | 494-23 / \$2,910  | 494-21 / \$3,699  | 494-17 / \$4,233  | \$4,757           |
| 6-ASL             | 495-6 / \$3,237             | 495-28 / \$3,561  | 495-21 / \$4,500  | 495-17 / \$5,180  | \$5,830           |
| 8-ASL             | 496-6 / \$4,383             | 496-26 / \$4,821  | 496-18 / \$6,140  | 496-14 / \$7,000  | 496-29 / \$7,890  |
| 10-ASL            | 497-6 / \$7,580             | 497-18 / \$8,340  | 497-27 / \$10,625 | 497-28 / \$12,125 | 497-21 / \$13,650 |
| 12-ASL            | 498-6 / \$8,750             | 498-19 / \$9,620  | \$12,250          | 191-40 / \$14,000 | 191-38 / \$15,725 |
| 14-ASL            | 499-6 / \$14,900            | 499-46 / \$16,375 | \$20,850          | 499-66 / \$23,825 | \$26,825          |
| 16-ASL            | 499-24 / \$18,825           | 499-47 / \$20,700 | \$26,325          | \$30,100          | 502-4 / \$33,925  |
| 18-ASL            | 499-15 / \$28,425           | 499-48 / \$31,275 | \$39,775          | \$45,450          | \$51,150          |
| 20-ASL            | 499-27 / \$37,350           | 499-49 / \$41,100 | \$52,300          | \$59,800          | \$67,250          |
| 22-ASL            | 499-55 / \$43,350           | 499-31 / \$47,675 | \$60,700          | \$69,300          | \$77,950          |
| 24-ASL            | 499-19 / \$49,775           | 499-50 / \$54,700 | \$69,700          | \$79,650          | \$89,550          |

#### Additional Options:

#### Standard Leadtime:

#### Connection:

#### Warranty:

Grooved Pipe Connectors (G): Available on models 2-ASL through 14-ASL. Consult factory for pricing.  
 1-ASL through 12-ASL: 10 Days, 14-ASL through 18-ASL: 30 Days, 20-ASL through 24-ASL: Consult Amtrol Customer Service. Add 10 days to Standard Leadtime for Grooved Pipe Connectors (G).  
 125, 150, and 175 PSI: 150# flanges; 250 and 300 PSI: 300# flanges.  
 1-Year Limited

## APPLICATIONS & ORDERING

- For use in non-potable closed hydronic and chilled water systems.
- Choose from Tangential (vortex) or Inline (air scoop) styles.
- Constructed to ASME Section VIII, Division 1.

## How to Order: Specify Model & Options

6-AS-125

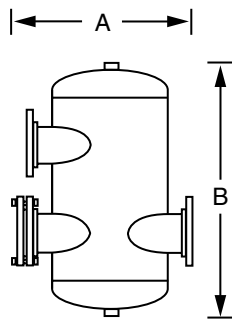
Step 1: Select Base Model Number  
Step 2: Choose Pressure Rating

6-Inch Air Separator With Strainer, 125 PSI Rating

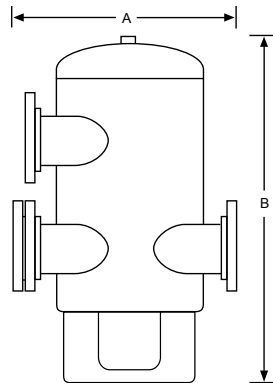
## TANGENTIAL AIR SEPARATORS, WITH STRAINER, ASME

J

### TECHNICAL DATA



2-AS THROUGH 4-AS



5-AS through 24-AS

| Base Model Number | Connection Size (In) | A Width (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|----------------------|--------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |                      |              |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| 2-AS              | 2                    | 18           | 23            | 45                    | 47      | 63      | 72      | 81      |
| 2 1/2-AS          | 2-1/2                | 18           | 23            | 54                    | 58      | 75      | 86      | 97      |
| 3-AS              | 3                    | 18           | 24            | 60                    | 64      | 84      | 96      | 108     |
| 4-AS              | 4                    | 23           | 25            | 70                    | 83      | 98      | 112     | 126     |
| 5-AS              | 5                    | 26           | 40            | 200                   | 220     | 280     | 320     | 360     |
| 6-AS              | 6                    | 28           | 45            | 249                   | 261     | 348     | 398     | 448     |
| 8-AS              | 8                    | 34           | 57            | 375                   | 445     | 525     | 600     | 675     |
| 10-AS             | 10                   | 42           | 63            | 750                   | 800     | 1,050   | 1,200   | 1,350   |
| 12-AS             | 12                   | 48           | 82            | 950                   | 1,060   | 1,330   | 1,520   | 1,710   |
| 14-AS             | 14                   | 58           | 102           | 2,200                 | 2,500   | 3,080   | 3,520   | 3,960   |
| 16-AS             | 16                   | 66           | 104           | 3,000                 | 3,900   | 4,200   | 4,800   | 5,400   |
| 18-AS             | 18                   | 66           | 114           | 3,500                 | 4,700   | 4,900   | 5,600   | 6,300   |
| 20-AS             | 20                   | 72           | 110           | 5,000                 | 6,100   | 7,000   | 8,000   | 9,000   |
| 22-AS             | 22                   | 72           | 126           | 5,500                 | 6,600   | 7,700   | 8,800   | 9,900   |
| 24-AS             | 24                   | 84           | 147           | 7,000                 | 8,400   | 9,800   | 11,200  | 12,600  |

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                   |                   |
|-------------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI           | 250 PSI           | 300 PSI           |
| 2-AS              | 490-7 / \$1,570             | 490-25 / \$1,805  | 490-27 / \$2,195  | \$2,507           | \$2,829           |
| 2 1/2-AS          | 491-7 / \$1,736             | 491-14 / \$1,996  | 491-17 / \$2,428  | \$2,774           | \$3,120           |
| 3-AS              | 492F0007 / \$2,327          | 492-26 / \$2,674  | 492-30 / \$3,253  | 492-29 / \$3,720  | 492-33 / \$4,188  |
| 4-AS              | 493-0007 / \$2,518          | 493-28 / \$2,896  | 493-32 / \$3,521  | 493-30 / \$4,033  | \$4,534           |
| 5-AS              | 494-0007 / \$3,378          | 494-22 / \$3,886  | \$4,723           | \$5,410           | 494-16 / \$6,080  |
| 6-AS              | 495-7 / \$4,190             | 495-27 / \$4,818  | 495-20 / \$5,870  | 495-31 / \$6,710  | \$7,540           |
| 8-AS              | 496-7 / \$5,410             | 496-25 / \$6,220  | 496-20 / \$7,570  | 496-10 / \$8,650  | 496-36 / \$9,730  |
| 10-AS             | 497-7 / \$9,220             | 497-17 / \$10,600 | 497-22 / \$12,900 | 497-20 / \$14,725 | 497-23 / \$16,600 |
| 12-AS             | 498-7 / \$11,150            | 498-18 / \$13,750 | 498-21 / \$15,650 | 191-44 / \$17,875 | 498-23 / \$20,100 |
| 14-AS             | 499-7 / \$18,600            | 499-41 / \$21,400 | 499-69 / \$26,050 | 499-71 / \$29,775 | 499-74 / \$33,475 |
| 16-AS             | 499-10 / \$23,050           | 499-42 / \$26,475 | 499-68 / \$32,250 | 502-2 / \$36,850  | 502-1 / \$41,475  |
| 18-AS             | 499-33 / \$35,475           | 499-43 / \$40,800 | 503-03 / \$49,700 | 503-1 / \$56,800  | 499-73 / \$63,850 |
| 20-AS             | 499-29 / \$46,700           | 499-44 / \$53,700 | \$65,350          | 499-70 / \$74,700 | 499-72 / \$84,050 |
| 22-AS             | 499-35 / \$67,100           | 499-54 / \$77,250 | \$94,000          | \$107,400         | \$121,000         |
| 24-AS             | 499-40 / \$76,350           | 499-45 / \$87,800 | \$106,900         | \$122,200         | \$137,400         |

**Additional Options:** Grooved Pipe Connectors (G): Available on models 2-AS through 14-AS. Consult factory for pricing.  
**Standard Leadtime:** 2-AS through 12-AS: 10 Days, 14-AS through 18-AS: 30 Days, 20-AS through 24-AS: Consult Amtrol Customer Service. Add 10 days to Standard Leadtime for Grooved Pipe Connectors (G).  
**Connection:** 125, 150, and 175 PSI: 150# flanges; 250 and 300 PSI: 300# flanges.  
**Warranty:** 1-Year Limited

## APPLICATIONS & ORDERING

- For use in closed, non-potable water systems.
- Eliminates entrained air and separates debris associated with start-up and maintenance of any hydronic system.
- Constructed to ASME Section VIII, Division 1.

## How to Order: Specify Model & Options

3-ADS-125

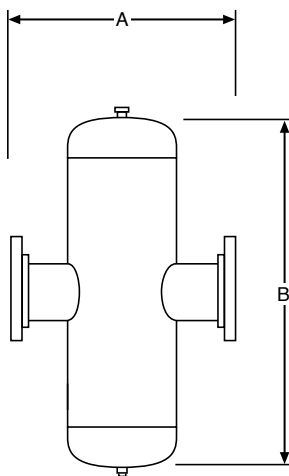
Step 1: Select Base Model Number  
Step 2: Choose Pressure Rating

3-inch Air & Dirt Separator, 125 PSI Rating

## AIR & DIRT SEPARATORS, ASME

### TECHNICAL DATA

| Base Model Number | Connection Size (in) | A Width (in) | B Height (in) | Shipping Weight (Lbs) |         |
|-------------------|----------------------|--------------|---------------|-----------------------|---------|
|                   |                      |              |               | 125 PSI               | 150 PSI |
| 2-ADS             | 2                    | 15           | 23            | 60                    | 65      |
| 3-ADS             | 3                    | 20           | 29            | 92                    | 97      |
| 4-ADS             | 4                    | 21           | 29            | 102                   | 110     |
| 5-ADS             | 5                    | 28           | 42            | 144                   | 154     |
| 6-ADS             | 6                    | 28           | 42            | 149                   | 159     |
| 8-ADS             | 8                    | 34           | 49            | 258                   | 270     |
| 10-ADS            | 10                   | 38           | 64            | 384                   | 395     |
| 12-ADS            | 12                   | 43           | 75            | 533                   | 550     |



2-ADS THROUGH 12-ADS

### PRICING: ASME MODELS

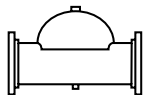
| Base Model Number | Part No. / List Price (USD) |                   |
|-------------------|-----------------------------|-------------------|
|                   | 125 PSI                     | 150 PSI           |
| 2-ADS             | 523-01 / \$3,428            | 523-02 / \$3,785  |
| 3-ADS             | 523-03 / \$4,510            | 523-07 / \$4,975  |
| 4-ADS             | 523-04 / \$5,680            | 523-09 / \$6,270  |
| 5-ADS             | 523-05 / \$8,490            | 523-11 / \$9,360  |
| 6-ADS             | 523-06 / \$11,900           | 523-12 / \$13,100 |
| 8-ADS             | 523-08 / \$19,125           | 523-13 / \$21,050 |
| 10-ADS            | 523-10 / \$29,425           | 523-14 / \$32,375 |
| 12-ADS            | 523-20 / \$39,800           | 523-21 / \$43,800 |

**Additional Options:**  
**Standard Leadtime:**  
**Connection:**  
**Warranty:**

Grooved Pipe Connectors (G): Available on models 2-ADS through 12-ADS. Consult factory for pricing.  
2-ADS through 12-ADS: 30 Days. Add 10 days to Standard Leadtime for Grooved Pipe Connectors (G).  
125 and 150 PSI: 150# flanges.  
1-Year Limited.

## INLINE AIR PURGERS

- Eliminate air in closed hydronic or chilled water systems.



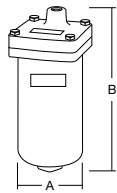
| Model Number | Connection Size (in) | Shipping Weight (Lbs) |         | Part No. / List Price (USD) |  |
|--------------|----------------------|-----------------------|---------|-----------------------------|--|
|              |                      | 125 PSI               | 150 PSI | 125 PSI                     | 150 PSI                                |
| 449*         | 4                    | 56                    | NA      | 449-1 / \$562               | NA                                     |
| 461*         | 5                    | NA                    | 60      | NA                          | 461-1 / \$2,080                        |
| 462*         | 6                    | NA                    | 65      | NA                          | 462-1 / \$2,244                        |
| 463*         | 8                    | NA                    | 113     | NA                          | 463-1 / \$3,004                        |
| 464*         | 10                   | NA                    | 174     | NA                          | 464-1 / \$4,760                        |
| 465*         | 12                   | NA                    | 330     | NA                          | 465-1 / \$5,690                        |
| 466*         | 14                   | NA                    | 500     | NA                          | 466-1 / \$9,070                        |
| 467          | 16                   | NA                    | 231     | NA                          | 467-1 / \$10,350 *150 PSI ANSI Flanges |
| 468          | 18                   | NA                    | 573     | NA                          | 468-1 / \$11,925                       |

**Standard Leadtime:**  
**Warranty:**

Model 449 through 465: 10 Days, Model 466 through 468: 20 Days.  
1-Year Limited

## Air Vents & Plain Steel Tanks

### HIGH CAPACITY AIR VENT



| Model Number | Description                      | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) | List Price (USD) |
|--------------|----------------------------------|-----------------|---------------|-----------------------|------------------|
| 747          | 117-472 High Capacity Vent       | 4               | 10            | 8                     | \$1,023          |
| Repair Kit   | 117-524 Repair Kit & Gasket Assy |                 |               | 1                     | \$169            |

**For venting air from closed hydronic or chilled water systems.**

**Standard Leadtime:** Vent and Repair Kit: 10 Days **Warranty:** 1-Year Limited

### AC MODELS: PLAIN STEEL COMPRESSION TANKS, ASME



**AC12-15 THROUGH AC36-505**

#### PRICING: ASME MODELS

| Model Number | Volume (Gal) | A-Diameter (In) | B-Length (In) | Shipping Weight (Lbs) |          | Part No. / List Price (USD) |                    |
|--------------|--------------|-----------------|---------------|-----------------------|----------|-----------------------------|--------------------|
|              |              |                 |               | 125 PSIG              | 150 PSIG | 125 PSIG                    | 150 PSIG           |
| AC12-15      | 15           | 12              | 33            | NA                    | 44       | NA                          | 183-8014 / \$957   |
| AC12-24      | 24           | 12              | 51            | NA                    | 62       | NA                          | 183-8015 / \$1,007 |
| AC14-30      | 30           | 14              | 48            | NA                    | 72       | NA                          | 183-8016 / \$1,226 |
| AC14-40      | 40           | 14              | 63            | NA                    | 92       | NA                          | 183-8017 / \$1,425 |
| AC16-60      | 60           | 16              | 72            | NA                    | 120      | NA                          | 183-8018 / \$1,659 |
| AC20-80      | 80           | 20              | 63            | 136                   | NA       | 183-8019 / \$1,664          | NA                 |
| AC20-100     | 100          | 20              | 78            | 168                   | NA       | 183-8020 / \$2,485          | NA                 |
| AC24-120     | 120          | 24              | 65            | 218                   | NA       | 183-8021 / \$3,104          | NA                 |
| AC24-135     | 135          | 24              | 72            | 238                   | NA       | 183-8022 / \$3,200          | NA                 |
| AC30-175     | 175          | 30              | 62            | 338                   | NA       | 183-8023 / \$4,778          | NA                 |
| AC30-220     | 220          | 30              | 77            | 368                   | NA       | 183-8024 / \$5,610          | NA                 |
| AC30-240     | 240          | 30              | 84            | 394                   | NA       | 183-8025 / \$5,710          | NA                 |
| AC30-305     | 305          | 30              | 106           | 486                   | NA       | 183-8026 / \$5,990          | NA                 |
| AC36-400     | 400          | 36              | 93            | 645                   | NA       | 183-8028 / \$6,230          | NA                 |
| AC36-505     | 505          | 36              | 120           | 810                   | NA       | 183-8029 / \$6,830          | NA                 |

Maximum Operating Temperature: 450° F

**For use in closed hydronic and chilled water systems.**

**Standard Leadtime:** AC12-15 through AC30-305: 20 days. AC36-400 through AC36-505: 30 days.

**Working Pressure:** AC12-15 through AC16-60:150 PSI. AC20-80 through AC36-505: 125 PSI.

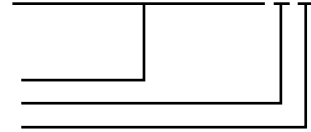
**Warranty:** 1-Year Limited

## APPLICATIONS & ORDERING

- For use in non-potable closed chilled water systems.
- Available with 3" to 12" connections.
- Constructed to ASME Section VIII, Division 1.

## How to Order: Specify Model & Options

CWBT500-6-125 R

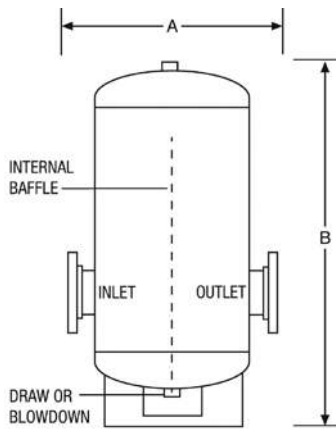


- Step 1: Select Base Model Number  
 Step 2: Specify Sensor Ports  
 Step 3: Specify Restraint Option (or leave blank)

**CWBT500-6 125 PSI Rating with Restraints**

## CWBT MODELS: CHILLED WATER BUFFER TANKS, ASME

### TECHNICAL DATA



**CWBT120 THROUGH CWBT1040**

| Base Model Number | Volume (Gal) | A Width (In) | B Height (In) | Connection Size (In) | Shipping Weight (Lbs) |         |
|-------------------|--------------|--------------|---------------|----------------------|-----------------------|---------|
|                   |              |              |               |                      | 125 PSI               | 150 PSI |
| CWBT120-3         | 120          | 33           | 56            | 3                    | 294                   | 323     |
| CWBT120-4         | 120          | 33           | 56            | 4                    | 315                   | 347     |
| CWBT120-6         | 120          | 33           | 56            | 6                    | 333                   | 366     |
| CWBT200-3         | 200          | 39           | 63            | 3                    | 527                   | 580     |
| CWBT200-4         | 200          | 39           | 63            | 4                    | 547                   | 602     |
| CWBT200-6         | 200          | 39           | 63            | 6                    | 566                   | 623     |
| CWBT300-4         | 300          | 45           | 80            | 4                    | 753                   | 828     |
| CWBT300-6         | 300          | 45           | 80            | 6                    | 772                   | 849     |
| CWBT300-8         | 300          | 45           | 80            | 8                    | 801                   | 881     |
| CWBT500-6         | 500          | 51           | 99            | 6                    | 1,366                 | 1,503   |
| CWBT500-8         | 500          | 51           | 99            | 8                    | 1,395                 | 1,535   |
| CWBT500-10        | 500          | 51           | 99            | 10                   | 1,490                 | 1,639   |
| CWBT850-6         | 850          | 64           | 115           | 6                    | 2,707                 | 2,978   |
| CWBT850-8         | 850          | 64           | 115           | 8                    | 2,736                 | 3,010   |
| CWBT850-10        | 850          | 64           | 115           | 10                   | 2,771                 | 3,048   |
| CWBT1040-8        | 1040         | 70           | 108           | 8                    | 3,136                 | 3,450   |
| CWBT1040-10       | 1040         | 70           | 108           | 10                   | 3,171                 | 3,488   |
| CWBT1040-12       | 1040         | 70           | 108           | 12                   | 3,283                 | 3,611   |

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |
|-------------------|-----------------------------|-------------------|
|                   | 125 PSI                     | 150 PSI           |
| CWBT120-3         | 517-01 / \$4,757            | 517-28 / \$5,700  |
| CWBT120-4         | 517-02 / \$5,000            | 517-19 / \$6,010  |
| CWBT120-6         | 517-03 / \$5,450            | 517-49 / \$6,540  |
| CWBT200-3         | 517-04 / \$6,230            | 517-38 / \$7,480  |
| CWBT200-4         | 517-05 / \$6,560            | 517-31 / \$7,880  |
| CWBT200-6         | 517-06 / \$7,180            | 517-21 / \$8,620  |
| CWBT300-4         | 517-07 / \$7,840            | \$9,410           |
| CWBT300-6         | 517-08 / \$8,230            | \$9,880           |
| CWBT300-8         | 517-09 / \$9,020            | 517-27 / \$10,825 |
| CWBT500-6         | 517-10 / \$15,150           | 517-34 / \$18,200 |
| CWBT500-8         | 517-11 / \$15,900           | \$19,075          |
| CWBT500-10        | 517-12 / \$17,425           | \$20,925          |
| CWBT850-6         | 517-13 / \$22,575           | 517-25 / \$27,100 |
| CWBT850-8         | 517-14 / \$23,750           | \$28,525          |
| CWBT850-10        | 517-15 / \$26,000           | \$31,200          |
| CWBT1040-8        | 517-16 / \$30,000           | \$36,050          |
| CWBT1040-10       | 517-17 / \$31,475           | \$37,775          |
| CWBT1040-12       | 517-18 / \$34,500           | \$41,425          |

|                                     |                              |
|-------------------------------------|------------------------------|
| <b>Additional Options:</b>          | Add to Base Model List Price |
| <b>Seismic Restraints (R):</b>      | \$236                        |
| <b>Sensor Ports (SP):</b>           | \$336                        |
| <b>Grooved Pipe Connectors (G):</b> | Consult factory for pricing. |

**Standard Leadtime:** CWBT120-3 through CWBT300-8: 10 Days; CWBT500-6 through CWBT850-10: 30 Days; CWBT1040-8 through CWBT1040-12: Consult Amtrol Customer Service.  
 Add 10 days to Standard Leadtime for Grooved Pipe Connectors (G).

**Connection:** 125 and 150 PSI: 150# flanges.  
**Warranty:** 1-Year Limited



## APPLICATIONS & ORDERING

- For use in non-potable closed heating systems.
- Available with 2" to 4" connections.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 450° F.

## How to Order: Specify Model & Options

HWBT120-2-125SPR

- Step 1: Select Base Model Number  
 Step 2: Specify Sensor Ports  
 Step 3: Specify Restraint Option (or leave blank)

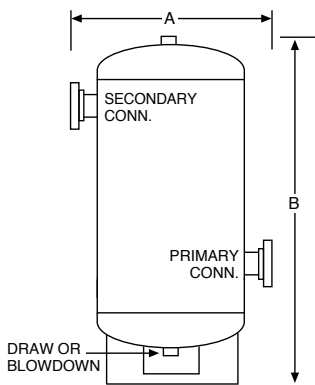


HWBT120-2 125 PSI Rating with Sensor Ports and Restraints

## HWBT MODELS: HOT WATER BUFFER TANKS, ASME

J

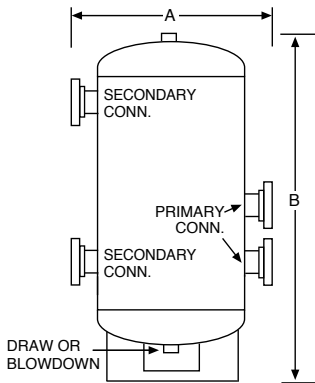
### TECHNICAL DATA



**HWBT120-2 THROUGH  
HWBT300-3**

| Base Model Number | Volume (Gal) | A Width (In) | B Height (In) | Primary Connection Size (In) | Secondary Connection Size (In) | Shipping Weight (Lbs) |         |
|-------------------|--------------|--------------|---------------|------------------------------|--------------------------------|-----------------------|---------|
|                   |              |              |               |                              |                                | 125 PSI               | 150 PSI |
| HWBT120-2         | 120          | 33           | 56            | 2                            | 2                              | 254                   | 279     |
| HWBT120-3         | 120          | 33           | 56            | 3                            | 3                              | 268                   | 295     |
| HWBT200-2         | 200          | 39           | 63            | 2                            | 2                              | 475                   | 523     |
| HWBT200-3         | 200          | 39           | 63            | 3                            | 3                              | 490                   | 539     |
| HWBT300-2         | 300          | 45           | 80            | 2                            | 2                              | 668                   | 735     |
| HWBT300-3         | 300          | 45           | 80            | 3                            | 3                              | 683                   | 751     |
| HWBT120-2/2       | 120          | 33           | 56            | 2                            | 2                              | 267                   | 294     |
| HWBT120-2/3       | 120          | 33           | 56            | 2                            | 3                              | 282                   | 310     |
| HWBT120-3/3       | 120          | 33           | 56            | 3                            | 3                              | 297                   | 327     |
| HWBT120-4/4       | 120          | 33           | 56            | 4                            | 4                              | 338                   | 372     |
| HWBT200-2/2       | 200          | 39           | 63            | 2                            | 2                              | 489                   | 538     |
| HWBT200-2/3       | 200          | 39           | 63            | 2                            | 3                              | 503                   | 553     |
| HWBT200-3/3       | 200          | 39           | 63            | 3                            | 3                              | 518                   | 570     |
| HWBT200-4/4       | 200          | 39           | 63            | 4                            | 4                              | 560                   | 617     |
| HWBT300-2/2       | 300          | 45           | 80            | 2                            | 2                              | 682                   | 750     |
| HWBT300-2/3       | 300          | 45           | 80            | 2                            | 3                              | 696                   | 766     |
| HWBT300-3/3       | 300          | 45           | 80            | 3                            | 3                              | 711                   | 782     |
| HWBT300-4/4       | 300          | 45           | 80            | 4                            | 4                              | 753                   | 828     |

### PRICING: ASME MODELS



**HWBT120-2/2 THROUGH  
HWBT300-4/4**

| Base Model Number | Part No. / List Price (USD) |                    |
|-------------------|-----------------------------|--------------------|
|                   | 125 PSI                     | 150 PSI            |
| HWBT120-2         | 527-101 / \$4,010           | \$4,813            |
| HWBT120-3         | 527-102 / \$4,266           | \$5,120            |
| HWBT200-2         | 527-201 / \$5,380           | \$6,460            |
| HWBT200-3         | 527-202 / \$5,570           | 527-209 / \$6,690  |
| HWBT300-2         | 527-301 / \$7,160           | \$8,600            |
| HWBT300-3         | 527-302 / \$7,420           | \$8,910            |
| HWBT120-2/2       | 527-103 / \$5,310           | \$6,370            |
| HWBT120-2/3       | 527-104 / \$5,530           | \$6,640            |
| HWBT120-3/3       | 527-105 / \$5,760           | \$6,910            |
| HWBT120-4/4       | 527-106 / \$5,990           | \$7,170            |
| HWBT200-2/2       | 527-203 / \$6,620           | \$7,940            |
| HWBT200-2/3       | 527-204 / \$6,840           | \$8,210            |
| HWBT200-3/3       | 527-205 / \$7,070           | 527-208 / \$8,480  |
| HWBT200-4/4       | 527-206 / \$7,290           | \$8,750            |
| HWBT300-2/2       | 527-303 / \$8,460           | \$10,150           |
| HWBT300-2/3       | 527-304 / \$8,680           | \$10,425           |
| HWBT300-3/3       | 527-305 / \$8,910           | 527-310 / \$10,675 |
| HWBT300-4/4       | 527-306 / \$9,220           | \$11,050           |

- Additional Options:** Add to Base Model List Price  
**Seismic Restraints (R):** \$236  
**Sensor Ports (SP):** \$336  
**Grooved Pipe Connectors (G):** Consult factory for pricing.

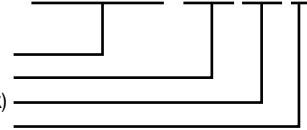
- Standard Leadtime:** All Models 10 days.  
 Add 10 days to Standard Leadtime for Grooved Pipe Connectors (G).  
**Connection:** 125 and 150 PSI: 150# flanges.  
**Warranty:** 1-Year Limited

## APPLICATIONS & ORDERING

- For use in potable hot water systems.
- Antimicrobial Liner/ASHRAE 188 Anti-Legionella
- Fixed diaphragm construction.
- Constructed to ASME Section VIII, Division 1.
- Maximum Operating Temperature: 200° F.
- ST-5C through ST-20VC 150 and 175 PSI features deep drawn steel construction.

## How to Order: Specify Model & Options

ST-80VC-150SGR



- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)

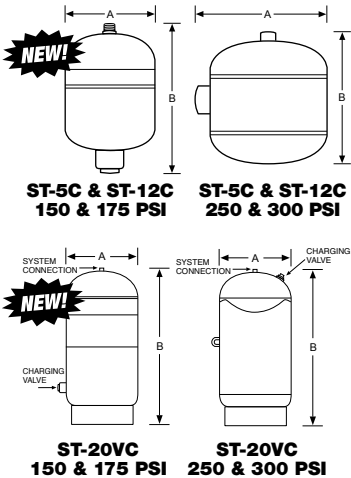
ST-80VC 150 PSI Rating with Sight Glass & Restraints

## ST MODELS: DIAPHRAGM TYPE, ASME

J

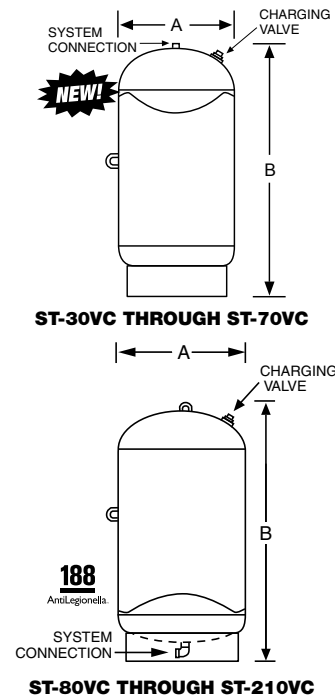
### TECHNICAL DATA

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|
|                   |              |                             |                 |               | 150 PSI               | 175 PSI | 250 PSI | 300 PSI |
| ST-5C-DD          | 2.0          | 0.9                         | 8               | 14            | 10                    | 12      | NA      | NA      |
| ST-5C             | 2.1          | 0.9                         | 10              | 10            | NA                    | NA      | 25      | 30      |
| ST-12C-DD         | 6.4          | 3.2                         | 12              | 18            | 17                    | 19      | NA      | NA      |
| ST-12C            | 6.4          | 3.2                         | 12              | 14            | NA                    | NA      | 42      | 50      |
| ST-20VC-DD        | 8.6          | 3.2                         | 12              | 22            | 36                    | 38      | NA      | NA      |
| ST-20VC           | 8.0          | 3.2                         | 12              | 19            | NA                    | NA      | 50      | 62      |
| ST-30VC           | 14.0         | 9.0                         | 16              | 19            | 59                    | 64      | 96      | 108     |
| ST-42VC           | 18.0         | 11.0                        | 16              | 24            | 71                    | 75      | 101     | 112     |
| ST-60VC           | 25.0         | 11.0                        | 16              | 32            | 85                    | 113     | 125     | 139     |
| ST-70VC           | 34.0         | 11.0                        | 16              | 45            | 99                    | 122     | 136     | 151     |
| ST-80VC           | 53.0         | 35.0                        | 24              | 37            | 224                   | 296     | 305     | 340     |
| ST-120VC          | 68.0         | 35.0                        | 24              | 44            | 266                   | 340     | 375     | 400     |
| ST-180VC          | 77.0         | 35.0                        | 24              | 49            | 285                   | 360     | 380     | 420     |
| ST-210VC          | 90.0         | 35.0                        | 24              | 57            | 319                   | 380     | 405     | 440     |



### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                   |
|-------------------|-----------------------------|-------------------|-------------------|-------------------|
|                   | 150 PSI                     | 175 PSI           | 250 PSI           | 300 PSI           |
| ST-5C             | 140-004 / \$1,840           | 140-002 / \$2,022 | 140-751 / \$2,225 | 140-732 / \$2,448 |
| ST-12C            | 141-008 / \$2,403           | 141-007 / \$2,642 | 141-354 / \$2,907 | 141-355 / \$3,198 |
| ST-20VC           | 141-009 / \$2,497           | 141-010 / \$2,748 | 142-181 / \$3,023 | 142-186 / \$3,325 |
| ST-30VC           | 143-218 / \$2,819           | 146-830 / \$3,102 | 143-349 / \$3,411 | 143-368 / \$3,752 |
| ST-42VC           | 144-0148 / \$3,012          | 146-831 / \$3,314 | 144-245 / \$3,645 | \$4,009           |
| ST-60VC           | 146-751 / \$3,497           | 146-804 / \$3,848 | 146-828 / \$4,232 | 146-811 / \$4,655 |
| ST-70VC           | 146-790 / \$3,612           | 146-827 / \$3,974 | 146-829 / \$4,371 | 146-835 / \$4,809 |
| ST-80VC           | 147-139 / \$5,160           | 147-239 / \$5,680 | 147-216 / \$6,250 | 147-231 / \$6,890 |
| ST-120VC          | 147-199 / \$5,420           | 147-240 / \$5,970 | 147-241 / \$6,560 | 147-232 / \$7,210 |
| ST-180VC          | 148-109 / \$5,650           | 148-168 / \$6,220 | 148-170 / \$6,840 | \$7,530           |
| ST-210VC          | 148-110 / \$5,930           | 148-169 / \$6,530 | 148-171 / \$7,180 | \$7,900           |



- Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$226

- Standard Leadtime:** 150 PSI: 10 Days, 175 PSI: 20 Days, 250 PSI: 30 Days, 300 PSI: 40 Days  
**Connection:** Stainless Steel: ST-5C 150 PSI and 175 PSI: 3/4" NPTM, ST-5C 250 PSI and 300 PSI: 3/4" NPTF, ST-12C through ST-70VC: 3/4" NPTF, ST-80VC through ST-210VC: 1 1/4" NPTF  
**Factory Precharge:** All models: 55 PSI  
**Warranty:** 1-Year Limited



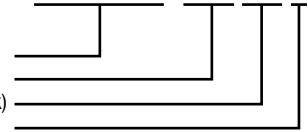
## APPLICATIONS & ORDERING

- For use in potable hot water systems.
- Replaceable bladder construction.
- Available in ASME Code (C) and non-ASME construction.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

ST-448C-125SGR

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)



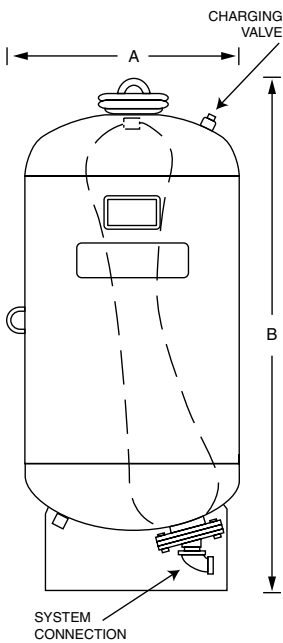
ST-448C 125 PSI Rating with Sight Glass & Restraints

## ST-C (ASME) and ST (NON-ASME) MODELS: FULL ACCEPTANCE BLADDER

J

### TECHNICAL DATA

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| ST-447C           | 53           | 53                          | 24              | 45            | 236                   | 262     | 290     | 370     | 425     |
| ST-448C           | 80           | 80                          | 24              | 59            | 274                   | 340     | 430     | 492     | 540     |
| ST-449C           | 106          | 106                         | 24              | 73            | 320                   | 360     | 450     | 510     | 560     |
| ST-450C           | 132          | 132                         | 24              | 87            | 354                   | 400     | 460     | 570     | 632     |
| ST-451(C)         | 158          | 158                         | 30              | 73            | 494                   | 587     | 680     | 815     | 895     |
| ST-452(C)         | 211          | 211                         | 30              | 91            | 593                   | 625     | 699     | 1,005   | 1,107   |
| ST-453(C)         | 264          | 264                         | 36              | 86            | 667                   | 760     | 845     | 1,100   | 1,205   |
| ST-454(C)         | 317          | 317                         | 36              | 98            | 762                   | 850     | 960     | 1,265   | 1,400   |
| ST-455(C)         | 370          | 370                         | 36              | 110           | 842                   | 935     | 1,065   | 1,350   | 1,490   |
| ST-456(C)         | 422          | 422                         | 48              | 82            | 1,152                 | 1,423   | 1,650   | 1,660   | 1,830   |
| ST-457(C)         | 528          | 528                         | 48              | 97            | 1,335                 | 1,505   | 1,875   | 2,230   | 2,455   |



ST-447C THROUGH ST-457C

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                   |                    |                    |
|-------------------|-----------------------------|-------------------|-------------------|--------------------|--------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI           | 250 PSI            | 300 PSI            |
| ST-447C           | 183-48 / \$6,970            | 183-66 / \$7,680  | \$8,820           | 183-70 / \$10,150  | \$11,675           |
| ST-448C           | 183-49 / \$8,100            | 183-67 / \$8,910  | 183-88 / \$9,800  | 183-121 / \$10,800 | \$11,875           |
| ST-449C           | 183-50 / \$9,440            | 183-68 / \$10,400 | 183-93 / \$11,425 | 183-56 / \$12,600  | 183-127 / \$13,800 |
| ST-450C           | 183-51 / \$10,775           | 183-69 / \$11,850 | \$13,025          | 183-134 / \$14,300 | 183-135 / \$15,725 |
| ST-451C           | 184-38 / \$11,975           | 184-69 / \$13,175 | 184-73 / \$14,500 | 184-40 / \$15,925  | 184-79 / \$17,500  |
| ST-452C           | 185-38 / \$13,150           | 185-60 / \$14,475 | 185-39 / \$15,925 | 185-40 / \$17,475  | \$19,250           |
| ST-453C           | 186-38 / \$15,500           | 186-60 / \$17,025 | 186-39 / \$18,750 | \$20,600           | \$22,650           |
| ST-454C           | 181-38 / \$15,950           | 181-53 / \$17,525 | 181-39 / \$19,300 | \$21,225           | \$23,325           |
| ST-455C           | 182-38 / \$17,300           | 182-56 / \$19,000 | \$20,925          | \$23,025           | \$25,300           |
| ST-456C           | 187-38 / \$22,700           | 187-58 / \$25,025 | \$27,525          | 187-40 / \$30,300  | \$33,275           |
| ST-457C           | 188-38 / \$24,275           | 118-68 / \$26,725 | \$30,550          | 188-99 / \$32,350  | \$35,550           |

### PRICING: NON-ASME MODELS

| Base Model Number | Part No. / List Price (USD)<br>150 PSI |
|-------------------|--|
| ST-451            | 184-43 / \$10,525                      |
| ST-452            | 185-43 / \$10,725                      |
| ST-453            | 186-43 / \$12,450                      |
| ST-454            | 181-43 / \$13,250                      |
| ST-455            | 182-43 / \$14,050                      |
| ST-456            | 187-43 / \$18,350                      |
| ST-457            | 188-43 / \$19,575                      |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 & 300 PSI: 40 Days  
**Connection (NPTF):** Bronze: ST-447 through ST-452: 2", ST-453 through ST-457: 3"  
**Factory Precharge:** All models: 55 PSI  
**Warranty:** 1-Year Limited



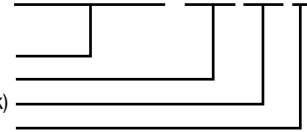
## APPLICATIONS & ORDERING

- For use in potable hot water systems
- Replaceable diaphragm construction.
- Available in ASME Code (C) and non-ASME construction.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

ST-100CL-150SGR

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)



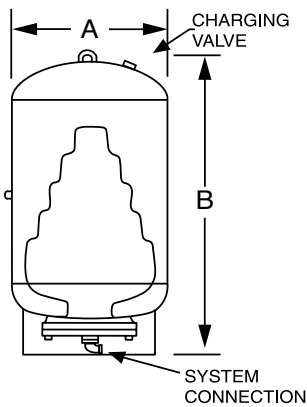
**ST-100CL 150 PSI Rating with Sight Glass & Restraints**

## ST-CL (ASME) and ST-L (NON-ASME) MODELS: PARTIAL ACCEPTANCE BLADDER

J

### TECHNICAL DATA

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|
| ST-35L(CL)        | 10           | 10                          | 10              | 37            | 76                    |
| ST-50L(CL)        | 13           | 11                          | 12              | 37            | 78                    |
| ST-85L(CL)        | 22           | 11                          | 16              | 35            | 95                    |
| ST-100L(CL)       | 26           | 11                          | 16              | 39            | 102                   |
| ST-130L(CL)       | 34           | 27                          | 20              | 35            | 134                   |
| ST-165L(CL)       | 44           | 27                          | 20              | 40            | 153                   |
| ST-200L(CL)       | 53           | 27                          | 24              | 41            | 205                   |
| ST-300L(CL)       | 80           | 27                          | 24              | 56            | 254                   |
| ST-400L(CL)       | 106          | 53                          | 24              | 69            | 308                   |
| ST-500L(CL)       | 132          | 53                          | 24              | 83            | 352                   |
| ST-600L(CL)       | 158          | 53                          | 30              | 67            | 442                   |



ST-35CL THROUGH ST-600CL

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |
|-------------------|-----------------------------|
| 150 PSI           |                             |
| ST-35CL           | 165-6 / \$4,757             |
| ST-50CL           | 166-6 / \$4,821             |
| ST-85CL           | 167-5 / \$4,944             |
| ST-100CL          | 168-5 / \$5,000             |
| ST-130CL          | 169-5 / \$5,250             |
| ST-165CL          | 171-16 / \$5,440            |
| ST-200CL          | 191-34 / \$5,620            |
| ST-300CL          | 192-32 / \$5,820            |
| ST-400CL          | 193-33 / \$6,740            |
| ST-500CL          | 194-33 / \$7,000            |
| ST-600CL          | 174-38 / \$8,590            |

### PRICING: NON-ASME MODELS

| Base Model Number | Part No. / List Price (USD) |
|-------------------|-----------------------------|
| 150 PSI           |                             |
| ST-35L            | 165-7 / \$4,676             |
| ST-50L            | 166-7 / \$4,739             |
| ST-85L            | 167-6 / \$4,860             |
| ST-100L           | 168-6 / \$4,913             |
| ST-130L           | 169-6 / \$5,160             |
| ST-165L           | 171-17 / \$5,340            |
| ST-200L           | 191-35 / \$5,510            |
| ST-300L           | 192-33 / \$5,710            |
| ST-400L           | 193-34 / \$6,620            |
| ST-500L           | 194-34 / \$6,890            |
| ST-600L           | 174-39 / \$8,450            |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** All models 10 Days  
**Connection (NPTF):** Stainless Steel: All Models: 1"  
**Factory Precharge:** All models: 55 PSI  
**Warranty:** 1-Year Limited



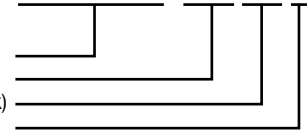
## APPLICATIONS & ORDERING

- For use in water well and booster pump applications.
- Fixed diaphragm construction.
- Available in ASME Code (C) and non-ASME construction.
- Maximum Operating Temperature: 200° F.

## How to Order: Specify Model & Options

WX-403C-125SGR

- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Specify Restraint Option (or leave blank)

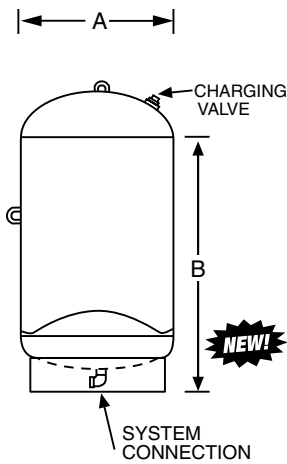


WX-403C (ASME) 125 PSI Rating with Sight Glass & Restraints

## WX-C (ASME) and WX (NON-ASME) MODELS: DIAPHRAGM TYPE J

### TECHNICAL DATA

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 125 PSI               | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| WX-401(C)         | 18           | 11                          | 16              | 31            | 77                    | 96      | 110     | 126     | 133     |
| WX-402(C)         | 25           | 11                          | 16              | 40            | 93                    | 113     | 125     | 145     | 160     |
| WX-403(C)         | 34           | 11                          | 16              | 49            | 115                   | 120     | 145     | 183     | 200     |
| WX-404(C)         | 68           | 34                          | 24              | 48            | 227                   | 232     | 313     | 411     | 432     |
| WX-405(C)         | 90           | 34                          | 24              | 59            | 252                   | 255     | 384     | 433     | 460     |
| WX-406(C)         | 110          | 34                          | 24              | 70            | 286                   | 335     | 402     | 475     | 500     |
| WX-407(C)         | 132          | 46                          | 30              | 57            | 436                   | 450     | 510     | 570     | 625     |



WX-401(C) THROUGH WX-407(C)

### PRICING: ASME MODELS

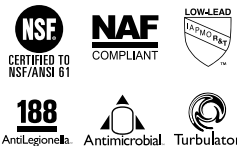
| Base Model Number | Part No. / List Price (USD) |                    |                   |                   |                    |
|-------------------|-----------------------------|--------------------|-------------------|-------------------|--------------------|
|                   | 125 PSI                     | 150 PSI            | 175 PSI           | 250 PSI           | 300 PSI            |
| WX-401C           | 144-80 / \$2,724            | 144-258 / \$2,997  | 144-160 / \$3,297 | 144-82 / \$3,628  | 144-83 / \$3,989   |
| WX-402C           | 145-80 / \$3,125            | 145-1000 / \$3,437 | 145-70 / \$3,781  | 145-95 / \$4,159  | 145-1003 / \$4,575 |
| WX-403C           | 146-80 / \$3,404            | 146-807 / \$3,745  | 146-760 / \$4,120 | 146-768 / \$4,533 | 172-01 / \$4,985   |
| WX-404C           | 147-80 / \$5,050            | 147-228 / \$5,550  | 147-129 / \$6,110 | 147-125 / \$6,730 | 173-01 / \$7,400   |
| WX-405C           | 149-80 / \$5,280            | 149-155 / \$5,820  | 149-41 / \$6,390  | 149-40 / \$7,040  | 173-03 / \$7,740   |
| WX-406C           | 149-138 / \$5,540           | 149-156 / \$6,100  | 149-144 / \$6,720 | 149-160 / \$7,380 | 149-169 / \$8,130  |
| WX-407C           | 149-139 / \$6,260           | 149-157 / \$6,900  | 149-159 / \$7,580 | 149-146 / \$8,340 | 149-170 / \$9,180  |

### PRICING: NON-ASME MODELS

| Base Model Number | Part No. / List Price (USD) |  |
|-------------------|-----------------------------|--|
|                   | 150 PSI                     |  |
| WX-401            | 144-74 / \$2,750            |  |
| WX-402            | 145-74 / \$2,955            |  |
| WX-403            | 146-74 / \$3,085            |  |
| WX-404            | 147-74 / \$3,889            |  |
| WX-405            | 149-74 / \$4,067            |  |
| WX-406            | 149-142 / \$4,579           |  |
| WX-407            | 149-143 / \$5,060           |  |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** 125 & 150 PSI: 10 days, 175 PSI: 20 days, 250 & 300 PSI: 30 days,  
**Connection (NPTF):** Malleable Iron: WX-401 through WX-403: 1", WX-404 through WX-407: 1-1/4"  
**Factory Precharge:** All models: 30 PSI  
**Warranty:** 1-Year Limited

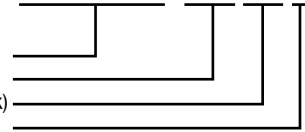


## APPLICATIONS & ORDERING

- For use in water well and booster pump applications.
- Replaceable bladder design.
- Available in ASME Code (C) and non-ASME construction.
- Maximum Operating Temperature: 240° F.

## How to Order: Specify Model & Options

WX-448C-175SGR



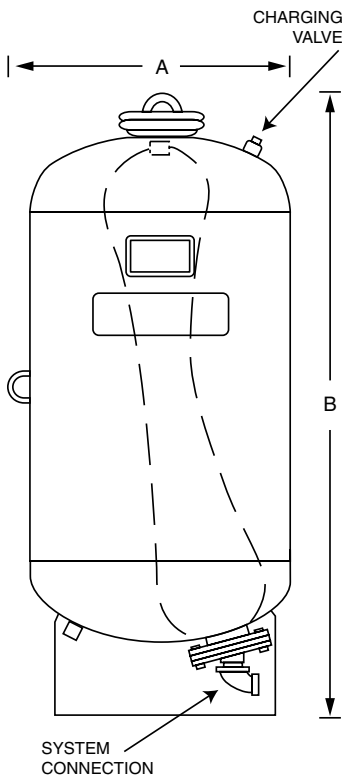
- Step 1: Select Base Model Number  
 Step 2: Choose Pressure Rating  
 Step 3: Specify Sight Glass Option (or leave blank)  
 Step 4: Restraint Option (or leave blank)

WX-448C (ASME) 175 PSI Rating with Sight Glass & Restraints

## WX-C (ASME) and WX (NON-ASME) MODELS: FULL ACCEPTANCE BLADDER

J

### TECHNICAL DATA



| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Shipping Weight (Lbs) |         |         |         |         |         |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|---------|---------|---------|---------|---------|
|                   |              |                             |                 |               | 100 PSI               | 125 PSI | 150 PSI | 175 PSI | 250 PSI | 300 PSI |
| WX-421            | 158          | 158                         | 30              | 75            | 388                   | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-422            | 211          | 211                         | 30              | 93            | 454                   | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-423            | 264          | 264                         | 36              | 82            | 506                   | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-424            | 317          | 317                         | 36              | 95            | 571                   | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-426            | 422          | 422                         | 48              | 82            | 971                   | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-427            | 528          | 528                         | 48              | 96            | 1,222                 | N/A     | N/A     | N/A     | N/A     | N/A     |
| WX-447(C)         | 53           | 53                          | 24              | 45            | N/A                   | 263     | 289     | 368     | 420     | 462     |
| WX-448(C)         | 80           | 80                          | 24              | 59            | N/A                   | 315     | 338     | 430     | 492     | 540     |
| WX-449(C)         | 106          | 106                         | 24              | 73            | N/A                   | 319     | 350     | 440     | 507     | 557     |
| WX-450(C)         | 132          | 132                         | 24              | 87            | N/A                   | 351     | 392     | 454     | 570     | 627     |
| WX-451(C)         | 158          | 158                         | 30              | 73            | N/A                   | 493     | 587     | 680     | 813     | 894     |
| WX-452(C)         | 211          | 211                         | 30              | 91            | N/A                   | 602     | 627     | 694     | 1,007   | 1,107   |
| WX-453(C)         | 264          | 264                         | 36              | 86            | N/A                   | 676     | 752     | 846     | 1,095   | 1,204   |
| WX-454(C)         | 317          | 317                         | 36              | 98            | N/A                   | 762     | 840     | 959     | 1,264   | 1,390   |
| WX-455(C)         | 370          | 370                         | 36              | 110           | N/A                   | 843     | 930     | 1,060   | 1,350   | 1,485   |
| WX-456(C)         | 422          | 422                         | 48              | 82            | N/A                   | 1,154   | 1,418   | 1,655   | 1,700   | 1,826   |
| WX-457(C)         | 528          | 528                         | 48              | 97            | N/A                   | 1,331   | 1,500   | 1,870   | 2,231   | 2,450   |
| WX-458C           | 660          | 660                         | 60              | 84            | N/A                   | 1,450   | 1,740   | 2,030   | 2,320   | 2,750   |
| WX-459C           | 792          | 792                         | 60              | 99            | N/A                   | 2,169   | 2,385   | 3,036   | 3,470   | 3,690   |
| WX-460C           | 925          | 925                         | 60              | 107           | N/A                   | 2,300   | 2,530   | 3,220   | 3,680   | 3,910   |
| WX-461C           | 1,056        | 1,056                       | 60              | 121           | N/A                   | 2,638   | 2,900   | 3,695   | 4,220   | 4,485   |
| WX-462C           | 1,320        | 1,320                       | 72              | 108           | N/A                   | 3,500   | 3,850   | 4,900   | 5,600   | 5,950   |
| WX-463C           | 1,980        | 1,980                       | 72              | 140           | N/A                   | 4,100   | 4,510   | 5,740   | 6,560   | 6,970   |

WX-447 through WX-457 Non-ASME available in 150 PSI only.

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |                    |                   |                    |
|-------------------|-----------------------------|-------------------|--------------------|-------------------|--------------------|
|                   | 125 PSI                     | 150 PSI           | 175 PSI            | 250 PSI           | 300 PSI            |
| WX-447C           | 183-18 / \$7,690            | 183-62 / \$8,450  | 183-38 / \$9,300   | 183-25 / \$10,250 | 183-122 / \$11,225 |
| WX-448C           | 183-19 / \$7,730            | 183-63 / \$8,510  | 183-46 / \$9,350   | 183-26 / \$10,300 | 183-116 / \$11,325 |
| WX-449C           | 183-17 / \$8,050            | 183-64 / \$8,860  | 183-23 / \$9,730   | 183-27 / \$10,700 | 183-99 / \$11,775  |
| WX-450C           | 183-20 / \$8,370            | 183-65 / \$9,210  | 183-100 / \$10,100 | 183-28 / \$11,125 | 183-52 / \$12,250  |
| WX-451C           | 184-35 / \$10,425           | 184-70 / \$11,500 | 184-41 / \$12,650  | 184-42 / \$13,925 | 184-74 / \$15,275  |
| WX-452C           | 185-35 / \$11,525           | 185-61 / \$12,675 | 185-41 / \$13,950  | 185-42 / \$15,350 | 185-56 / \$16,875  |
| WX-453C           | 186-35 / \$14,075           | 186-62 / \$15,450 | 186-41 / \$16,975  | 186-42 / \$18,725 | \$20,575           |
| WX-454C           | 181-35 / \$14,975           | 181-55 / \$16,425 | 181-41 / \$18,050  | 181-42 / \$19,875 | \$21,900           |
| WX-455C           | 182-35 / \$15,875           | 182-58 / \$17,425 | 182-41 / \$19,200  | 182-42 / \$21,075 | \$23,200           |
| WX-456C           | 187-35 / \$20,150           | 187-56 / \$22,175 | 187-41 / \$24,375  | 187-42 / \$26,825 | 187-64 / \$29,525  |
| WX-457C           | 188-35 / \$21,950           | 188-66 / \$24,150 | 188-41 / \$26,575  | 188-42 / \$29,200 | 188-68 / \$32,150  |
| WX-458C           | 188-70 / \$25,050           | 188-79 / \$27,600 | \$29,950           | \$33,350          | *                  |
| WX-459C           | 188-71 / \$29,325           | 188-97 / \$32,225 | \$35,450           | 188-94 / \$38,975 | *                  |
| WX-460C           | 188-72 / \$35,575           | \$39,150          | \$43,075           | \$47,400          | *                  |
| WX-461C           | 188-73 / \$39,475           | 188-91 / \$43,400 | \$47,725           | \$52,550          | *                  |
| WX-462C           | 188-74 / \$59,200           | \$65,100          | \$71,650           | *                 | *                  |
| WX-463C           | 188-96 / \$104,400          | *                 | *                  | *                 | *                  |

\* Consult Amtrol Customer Service for List Price and Lead Times.

#### Standard Leadtime:

WX-421 through WX-427, 100 PSI: 10 days  
 WX-447(C) through WX-457(C), 125 & 150 PSI: 10 Days, 175 PSI: 30 Days, 250 PSI: 40 Days,  
 300 PSI: 50 Days. WX-458C through WX-463C, All pressures: 50 Days.

#### Connection (NPTF):

Malleable Iron: WX-421 & WX-422: 2", WX-423 through WX-427: 3", WX-447(C) through WX-452(C): 2",  
 WX-453(C) through WX-457(C): 3", WX-458C through WX-463C: 4"

#### Factory Precharge:

All models: 25 PSI

#### Warranty:

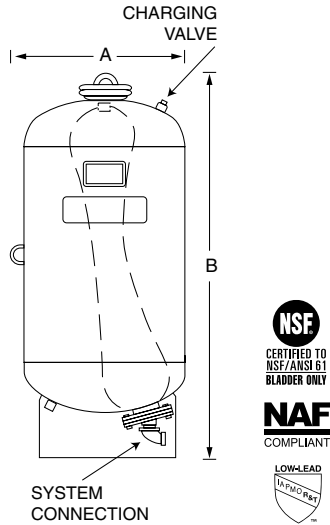
1-Year Limited

### WX-421 THROUGH WX-463C



## WX-C (ASME) and WX (NON-ASME) MODELS: FULL ACCEPTANCE BLADDER (continued)

J



### PRICING: NON-ASME MODELS

| Base Model Number | Part No. / List Price (USD) |                   |
|-------------------|-----------------------------|-------------------|
|                   | 100 PSI                     | 150 PSI           |
| WX-421            | 184-13 / \$9,350            | N/A               |
| WX-422            | 185-13 / \$9,720            | N/A               |
| WX-423            | 186-13 / \$11,325           | N/A               |
| WX-424            | 181-13 / \$11,825           | N/A               |
| WX-426            | 187-13 / \$15,875           | N/A               |
| WX-427            | 188-13 / \$17,150           | N/A               |
| WX-447            | N/A                         | 183-35 / \$7,570  |
| WX-448            | N/A                         | 183-34 / \$7,760  |
| WX-449            | N/A                         | 183-33 / \$8,140  |
| WX-450            | N/A                         | 183-36 / \$8,400  |
| WX-451            | N/A                         | 184-34 / \$10,250 |
| WX-452            | N/A                         | 185-34 / \$11,325 |
| WX-453            | N/A                         | 186-34 / \$13,775 |
| WX-454            | N/A                         | 181-34 / \$14,675 |
| WX-455            | N/A                         | 182-34 / \$15,575 |
| WX-456            | N/A                         | 187-34 / \$19,800 |
| WX-457            | N/A                         | 188-34 / \$21,575 |

### WX-421 THROUGH WX-457

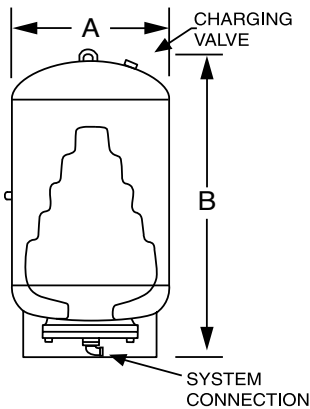
**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$226

## WX-CL (ASME) and WX-L (NON-ASME) MODELS: PARTIAL ACCEPTANCE BLADDER, 125 PSI

J

### TECHNICAL DATA

| Base Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | Dimensions      |               | Shipping Weight (Lbs) |
|-------------------|--------------|-----------------------------|-----------------|---------------|-----------------------|
|                   |              |                             | A Diameter (In) | B Height (In) |                       |
| WX-35L(CL)        | 10           | 10                          | 10              | 37            | 69                    |
| WX-50L(CL)        | 13           | 11                          | 12              | 37            | 76                    |
| WX-85L(CL)        | 22           | 11                          | 16              | 35            | 92                    |
| WX-100L(CL)       | 26           | 11                          | 16              | 39            | 98                    |
| WX-130L(CL)       | 34           | 27                          | 20              | 35            | 136                   |
| WX-165L(CL)       | 44           | 27                          | 20              | 40            | 146                   |
| WX-200L(CL)       | 53           | 27                          | 24              | 41            | 198                   |
| WX-300L(CL)       | 80           | 27                          | 24              | 56            | 236                   |
| WX-400L(CL)       | 106          | 53                          | 24              | 69            | 282                   |
| WX-500L(CL)       | 132          | 53                          | 24              | 83            | 316                   |
| WX-600L(CL)       | 158          | 53                          | 30              | 67            | 450                   |



### WX-35CL THROUGH WX-600CL

### PRICING: ASME MODELS

| Base Model Number | Part No. / List Price (USD) |  |
|-------------------|-----------------------------|--|
|                   | 125 PSI                     |  |
| WX-35CL           | 165-8 / \$4,778             |  |
| WX-50CL           | 166-8 / \$4,839             |  |
| WX-85CL           | 167-7 / \$4,976             |  |
| WX-100CL          | 168-8 / \$5,020             |  |
| WX-130CL          | 169-8 / \$5,230             |  |
| WX-165CL          | 171-18 / \$5,290            |  |
| WX-200CL          | 191-36 / \$5,470            |  |
| WX-300CL          | 192-34 / \$5,720            |  |
| WX-400CL          | 193-35 / \$6,690            |  |
| WX-500CL          | 194-35 / \$6,920            |  |
| WX-600CL          | 174-40 / \$8,770            |  |

### PRICING: NON-ASME MODELS

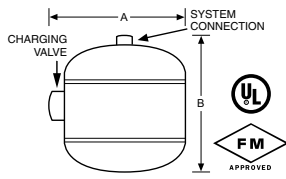
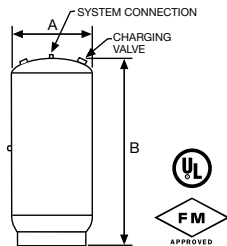
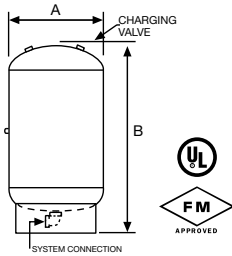
| Base Model Number | Part No. / List Price (USD) |  |
|-------------------|-----------------------------|--|
|                   | 125 PSI                     |  |
| WX-35L            | 165-9 / \$4,696             |  |
| WX-50L            | 166-9 / \$4,758             |  |
| WX-85L            | 167-8 / \$4,892             |  |
| WX-100L           | 168-9 / \$4,933             |  |
| WX-130L           | 169-9 / \$5,140             |  |
| WX-165L           | 171-19 / \$5,200            |  |
| WX-200L           | 191-37 / \$5,390            |  |
| WX-300L           | 192-35 / \$5,640            |  |
| WX-400L           | 193-36 / \$6,580            |  |
| WX-500L           | 194-36 / \$6,790            |  |
| WX-600L           | 174-41 / \$8,620            |  |

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336  
**Seismic Restraints (R):** \$236

**Standard Leadtime:** All models 10 Days  
**Connection (NPTF):** Malleable Iron: WX-35L(CL) through WX-100L(CL): 1-1/4", WX-130L(CL) through WX-300L(CL): 1-1/2", WX-400L(CL) through WX-600L(CL): 2"  
**Factory Precharge:** All models: 25 PSI  
**Warranty:** 1-Year Limited



## FPT MODELS: FIRE-X-TROL® SPRINKLER SYSTEM EXPANSION TANKS, 175 PSI

**F**

**FPT-1(C) THROUGH FPT-12(C)**

**FPT-20V(C) THROUGH FPT-70V(C)**

**FPT-80V(C) THROUGH FPT-210V(C)**

Operating Temperature Range:  
-20° F to 200° F

### TECHNICAL DATA

| Model Number | Volume (Gal) | Max Acceptance Volume (Gal) | A Diameter (In) | B Height (In) | Sys. Conn. (In) St. Steel NPTF | Shipping Weight (Lbs) |
|--------------|--------------|-----------------------------|-----------------|---------------|--------------------------------|-----------------------|
| FPT-1(C)     | 1.5          | 0.7                         | 8               | 9             | 3/4                            | 16                    |
| FPT-5(C)     | 2.1          | 0.9                         | 10              | 10            | 3/4                            | 21                    |
| FPT-12(C)    | 6.4          | 3.2                         | 12              | 16            | 3/4                            | 36                    |
| FPT-20V(C)   | 8.0          | 3.2                         | 12              | 20            | 3/4                            | 52                    |
| FPT-30V(C)   | 14.0         | 9.0                         | 16              | 19            | 3/4                            | 97                    |
| FPT-42V(C)   | 17.5         | 11.0                        | 16              | 24            | 3/4                            | 116                   |
| FPT-60V(C)   | 25.0         | 11.0                        | 16              | 33            | 3/4                            | 154                   |
| FPT-70V(C)   | 34.0         | 11.0                        | 16              | 42            | 3/4                            | 197                   |
| FPT-80V(C)   | 53.0         | 35.0                        | 24              | 36            | 1 1/4                          | 251                   |
| FPT-120V(C)  | 66.0         | 35.0                        | 24              | 44            | 1 1/4                          | 281                   |
| FPT-180V(C)  | 77.0         | 35.0                        | 24              | 49            | 1 1/4                          | 353                   |
| FPT-210V(C)  | 90.0         | 35.0                        | 24              | 56            | 1 1/4                          | 382                   |

### PRICING: ASME MODELS

| Model Number | Part No. / List Price (USD) | 175 PSI |
|--------------|-----------------------------|---------|
| FPT-1C       | 140-757 / \$1,496           |         |
| FPT-5C       | 140-746 / \$2,029           |         |
| FPT-12C      | 141-370 / \$2,622           |         |
| FPT-20VC     | 142-183 / \$3,508           |         |
| FPT-30VC     | 143-373 / \$4,026           |         |
| FPT-42VC     | 144-259 / \$5,170           |         |
| FPT-60VC     | 146-809 / \$7,190           |         |
| FPT-70VC     | 146-810 / \$9,790           |         |
| FPT-80VC     | 147-229 / \$10,550          |         |
| FPT-120VC    | 147-230 / \$11,150          |         |
| FPT-180VC    | 148-161 / \$11,750          |         |
| FPT-210VC    | 148-162 / \$14,075          |         |

### PRICING: NON-ASME MODELS

| Model Number | Part No. / List Price (USD) | 175 PSI |
|--------------|-----------------------------|---------|
| FPT-1        | 140-756 / \$1,496           |         |
| FPT-5        | 140-748 / \$2,029           |         |
| FPT-12       | 141-374 / \$2,622           |         |
| FPT-20V      | 142-184 / \$3,508           |         |
| FPT-30V      | 143-378 / \$4,026           |         |
| FPT-42V      | 144-263 / \$5,170           |         |
| FPT-60V      | 146-813 / \$7,190           |         |
| FPT-70V      | 146-814 / \$9,790           |         |
| FPT-80V      | 147-235 / \$10,550          |         |
| FPT-120V     | 147-236 / \$11,150          |         |
| FPT-180V     | 148-164 / \$11,750          |         |
| FPT-210V     | 148-165 / \$14,075          |         |

Seismic Restraints (R); Sight Glass (SG) Available on Models FPT-20V(C) through FPT-210V(C)

## SPT MODELS: SURGE-TROL® SPRINKLER SYSTEM SURGE SUPPRESSORS, 275 PSI

**F**

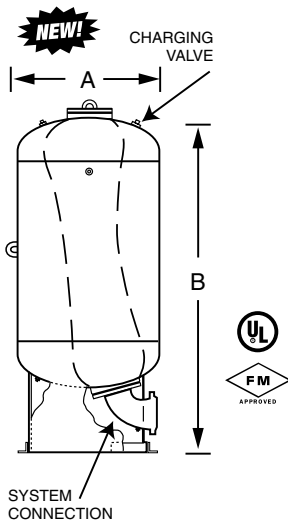
### TECHNICAL DATA

| Model Number | Volume (Gal) | A Diameter (In) | B Height (In) | Sys. Conn. (In) | Shipping Weight (Lbs) |
|--------------|--------------|-----------------|---------------|-----------------|-----------------------|
| SPT-1        | 10           | 16              | 31            | 2               | 200                   |
| SPT-3        | 25           | 16              | 49            | 3               | 273                   |
| SPT-7        | 53           | 24              | 49            | 4               | 390                   |
| SPT-11       | 80           | 24              | 63            | 4               | 505                   |
| SPT-14       | 106          | 24              | 77            | 4               | 618                   |
| SPT-18       | 132          | 24              | 91            | 4               | 731                   |
| SPT-21       | 158          | 30              | 75            | 4               | 950                   |
| SPT-28       | 211          | 30              | 93            | 4               | 1,125                 |
| SPT-35       | 264          | 36              | 85            | 6               | 1,520                 |
| SPT-42       | 317          | 36              | 97            | 6               | 1,720                 |
| SPT-50       | 370          | 36              | 110           | 6               | 1,900                 |
| SPT-56       | 422          | 48              | 86            | 8               | 2,300                 |
| SPT-70       | 528          | 48              | 100           | 8               | 2,700                 |

### PRICING: ASME MODELS

| Model Number | Part No. / List Price (USD) | 275 PSI |
|--------------|-----------------------------|---------|
| SPT-1        | 217-012 / \$15,650          |         |
| SPT-3        | 217-013 / \$21,850          |         |
| SPT-7        | 217-001 / \$23,700          |         |
| SPT-11       | 217-002 / \$23,900          |         |
| SPT-14       | 217-003 / \$24,475          |         |
| SPT-18       | 217-004 / \$24,775          |         |
| SPT-21       | 217-005 / \$33,525          |         |
| SPT-28       | 217-006 / \$37,075          |         |

| Model Number | Part No. / List Price (USD) | 275 PSI |
|--------------|-----------------------------|---------|
| SPT-35       | 217-007 / \$47,850          |         |
| SPT-42       | 217-008 / \$50,700          |         |
| SPT-50       | 217-009 / \$53,500          |         |
| SPT-56       | 217-010 / \$61,950          |         |
| SPT-70       | 217-011 / \$65,000          |         |


**SPT-1 THROUGH SPT-70**

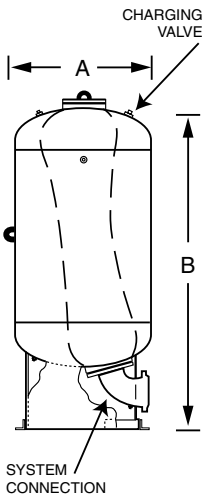
Maximum Operating Temperature: 240° F

Seismic Restraints (R) Standard; Sight Glass (SG) Optional



## D MODELS: DIATROL® SHOCK SUPPRESSORS, 250 PSI, ASME

J



### D-7 THROUGH D-70

For Water Hammer Reduction in Potable Cold or Hot Water Systems.



Maximum Operating Temperature: 200° F

### TECHNICAL DATA

| Model Number | Volume (Gal) | A Diameter (In) | B Height (In) | Sys. Conn. (In) | Shipping Weight (Lbs) |
|--------------|--------------|-----------------|---------------|-----------------|-----------------------|
| D-7          | 53           | 24              | 49            | 4               | 390                   |
| D-11         | 80           | 24              | 63            | 4               | 505                   |
| D-14         | 106          | 24              | 77            | 4               | 618                   |
| D-18         | 132          | 24              | 91            | 4               | 731                   |
| D-21         | 158          | 30              | 75            | 4               | 950                   |
| D-28         | 211          | 30              | 93            | 4               | 1,125                 |
| D-35         | 264          | 36              | 85            | 6               | 1,520                 |
| D-42         | 317          | 36              | 97            | 6               | 1,720                 |
| D-50         | 370          | 36              | 110           | 6               | 1,900                 |
| D-56         | 422          | 48              | 86            | 8               | 2,300                 |
| D-70         | 528          | 48              | 100           | 8               | 2,700                 |

### PRICING: ASME MODELS

| Model Number   | Part No. / List Price (USD) |
|----------------|-----------------------------|
| <b>250 PSI</b> |                             |
| D-7            | 183-39 / \$16,275           |
| D-11           | 183-37 / \$16,475           |
| D-14           | 183-44 / \$16,950           |
| D-18           | 183-42 / \$17,375           |
| D-21           | 184-52 / \$26,400           |
| D-28           | 184-57 / \$29,375           |
| D-35           | 186-47 / \$41,075           |
| D-42           | 186-57 / \$44,000           |
| D-50           | 186-56 / \$46,925           |
| D-56           | 187-53 / \$55,750           |
| D-70           | 188-50 / \$58,750           |

Seismic Restraints (R) Standard & Sight Glass (SG) Optional

**Additional Options:** Add to Base Model List Price  
**Sight Glass (SG):** \$336

**Standard Leadtime:** FPT Models: 10 Days; SPT Models: 30 Days; D Models: 30 Days  
**Connection:** 250 PSI: 150# Flange; 275 PSI: 300# Flange  
**Warranty:** 1-Year Limited

### EXTROL® REPLACEMENT BLADDERS

| Model Number | Application | Shipping Weight (Lbs) | Standard Lead Time | List Price (USD) |
|--------------|-------------|-----------------------|--------------------|------------------|
| 191-3        | 200-L       | 15                    | 10 days            | \$2,380          |
| 192-3        | 300-L       | 20                    | 10 days            | \$2,513          |
| 193-3        | 400-L       | 25                    | 10 days            | \$2,638          |
| 194-3        | 500-L       | 30                    | 10 days            | \$2,725          |
| 174-16       | 600-L       | 33                    | 10 days            | \$2,819          |
| 175-15       | 800-L       | 35                    | 10 days            | \$2,912          |
| 176-15       | 1000-L      | 37                    | 10 days            | \$3,579          |
| 177-15       | 1200-L      | 43                    | 10 days            | \$3,711          |
| 178-15       | 1400-L      | 52                    | 10 days            | \$4,138          |
| 179-15       | 1600-L      | 55                    | 10 days            | \$4,337          |
| 180-15       | 2000-L      | 63                    | 10 days            | \$4,421          |
| 180-35       | 2500-L      | 71                    | 10 days            | \$4,732          |
| 180-36       | 3000-L      | 82                    | 10 days            | \$5,540          |
| 180-37       | 3500-L      | 102                   | 10 days            | \$7,550          |
| 180-38       | 4000-L      | 109                   | 10 days            | \$9,300          |
| 180-48       | 5000-L      | 128                   | 10 days            | \$10,975         |
| 180-90       | 7500-L      | 155                   | 30 days            | \$12,250         |
| 180-91       | 10000-L     | 225                   | 30 days            | \$16,725         |
| 180-92       | 15000-L     | 310                   | 30 days            | \$27,850         |
| 10-0001      | 35-100LBC   | 13                    | 10 days            | \$1,024          |
| 10-0002      | 130-300LBC  | 19                    | 10 days            | \$1,386          |
| 10-0003      | 400-600LBC  | 33                    | 10 days            | \$1,961          |

### THERM-X-TROL® & WELL-X-TROL® REPLACEMENT BLADDERS

| Model Number | Application     | Shipping Weight (Lbs) | Standard Lead Time | List Price (USD) |
|--------------|-----------------|-----------------------|--------------------|------------------|
| 183-10       | WX & ST-447     | 16                    | 10 days            | \$2,730          |
| 183-11       | WX & ST 448     | 21                    | 10 days            | \$2,815          |
| 183-12       | WX & ST-449     | 26                    | 10 days            | \$2,875          |
| 183-13       | WX & ST-450     | 31                    | 10 days            | \$2,886          |
| 184-27       | WX & ST-451/421 | 26                    | 10 days            | \$2,996          |
| 185-22       | WX & ST-452/422 | 32                    | 10 days            | \$3,096          |
| 186-23       | WX & ST-453/423 | 37                    | 10 days            | \$3,927          |
| 181-21       | WX & ST-454/424 | 42                    | 10 days            | \$3,972          |
| 182-21       | WX & ST-455     | 48                    | 10 days            | \$4,466          |
| 187-21       | WX & ST-456/426 | 52                    | 10 days            | \$4,582          |
| 188-21       | WX & ST-457/427 | 62                    | 10 days            | \$4,745          |
| 188-80       | WX458           | 71                    | 30 days            | \$6,020          |
| 188-81       | WX459           | 82                    | 30 days            | \$6,330          |
| 188-82       | WX460           | 102                   | 30 days            | \$8,520          |
| 188-83       | WX461           | 109                   | 30 days            | \$9,140          |
| 188-84       | WX462           | 128                   | 30 days            | \$10,475         |
| 188-85       | WX463           | 150                   | 30 days            | \$14,600         |
| 10-0004      | ST35-100(C)L    | 13                    | 10 days            | \$3,179          |
| 10-0005      | ST130-300(C)L   | 19                    | 10 days            | \$4,199          |
| 10-0006      | ST400-600(C)L   | 33                    | 10 days            | \$4,998          |
| 10-0007      | WX35-100(C)L    | 13                    | 10 days            | \$3,179          |
| 10-0008      | WX130-300(C)L   | 19                    | 10 days            | \$4,199          |
| 10-0009      | WX400-600(C)L   | 33                    | 10 days            | \$4,998          |



### DIATROL® & SURGE-TROL® REPLACEMENT BLADDERS

| Model Number | Application | Shipping Weight (Lbs) | Standard Leadtime | List Price (USD) |
|--------------|-------------|-----------------------|-------------------|------------------|
| 217-0039     | SPT-1       | 10                    | 10 days           | \$2,289          |
| 217-0040     | SPT-3       | 12                    | 10 days           | \$2,363          |
| 183-77       | D & SPT-7   | 15                    | 10 days           | \$2,523          |
| 183-72       | D & SPT-11  | 20                    | 10 days           | \$2,663          |
| 183-73       | D & SPT-14  | 25                    | 10 days           | \$2,797          |
| 183-74       | D & SPT-18  | 30                    | 10 days           | \$2,886          |
| 183-75       | D & SPT-21  | 33                    | 30 days           | \$2,996          |
| 183-76       | D & SPT-28  | 35                    | 30 days           | \$3,096          |
| 181-56       | D & SPT-35  | 37                    | 30 days           | \$3,927          |
| 181-57       | D & SPT-42  | 43                    | 30 days           | \$3,972          |
| 181-58       | D & SPT-50  | 52                    | 30 days           | \$4,466          |
| 187-59       | D & SPT-56  | 55                    | 30 days           | \$4,582          |
| 187-60       | D & SPT-70  | 63                    | 30 days           | \$4,947          |



**Standard Leadtime:** Extrol, Therm-X-Trol & Well-X-Trol Bladders: 10 Days; Diatrol & Surge-Trol Bladders: 40 Days  
**Warranty:** 1-Year Limited



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| CH-41ZCT-G..... | 14 | ERTG-220A.....   | 8  | HWBT300-3/3..... | 25 | ST-8.....       | 10 |
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| ST-35L(CL).....  | 28 | WH-41L-B.....    | 14 | WX-202D-G.....    | 5 | WX-255D-G.....   | 5  |
| ST-42V.....      | 10 | WH-41LDW-B.....  | 14 | WX-202D-T.....    | 5 | WX-255D-T.....   | 5  |
| ST-42VC.....     | 26 | WH-41LDW-G.....  | 14 | WX-202-G.....     | 4 | WX-255-G.....    | 4  |
| ST-50L(CL).....  | 28 | WH-41L-G.....    | 14 | WX-202H.....      | 5 | WX-255PA.....    | 4  |
| ST-60V.....      | 10 | WH-41L-R.....    | 14 | WX-202PA.....     | 4 | WX-255PA-G.....  | 4  |
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| ST-200L(CL)..... | 28 | WHS-80L.....     | 15 | WX-202XLPA-G..... | 4 | WX-302-T.....    | 4  |
| ST-200V.....     | 10 | WHS-80LDW.....   | 15 | WX-202XLPA-T..... | 4 | WX-350.....      | 4  |
| ST-210V.....     | 10 | WHS-80Z.....     | 15 | WX-202XL-T.....   | 4 | WX-350D.....     | 5  |
| ST-210VC.....    | 26 | WHS-80ZC.....    | 15 | WX-203.....       | 4 | WX-350D-G.....   | 5  |
| ST-300L(CL)..... | 28 | WHS-80ZCDW.....  | 15 | WX-203D.....      | 5 | WX-350D-T.....   | 5  |
| ST-400L(CL)..... | 28 | WHS-80ZDW.....   | 15 | WX-203D-G.....    | 5 | WX-350-G.....    | 4  |
| ST-447C.....     | 27 | WHS-120L.....    | 15 | WX-203D-T.....    | 5 | WX-350PA.....    | 4  |
| ST-448C.....     | 27 | WHS-120Z.....    | 15 | WX-203-G.....     | 4 | WX-350PA-G.....  | 4  |
| ST-449C.....     | 27 | WHS-120ZC.....   | 15 | WX-203PA.....     | 4 | WX-350PA-T.....  | 4  |
| ST-450C.....     | 27 | WHS-120ZCDW..... | 15 | WX-203PA-G.....   | 4 | WX-350-T.....    | 4  |
| ST-451(C).....   | 27 | WX1-250D.....    | 6  | WX-203PA-T.....   | 4 | WX-400L(CL)..... | 31 |
| ST-452(C).....   | 27 | WX1-251D.....    | 6  | WX-203-T.....     | 4 | WX-401(C).....   | 29 |
| ST-453(C).....   | 27 | WX1-302D.....    | 6  | WX-205.....       | 4 | WX-402(C).....   | 29 |
| ST-454(C).....   | 27 | WX-35L(CL).....  | 31 | WX-205D.....      | 5 | WX-403(C).....   | 29 |
| ST-455(C).....   | 27 | WX-50L(CL).....  | 31 | WX-205D-G.....    | 5 | WX-404(C).....   | 29 |
| ST-456(C).....   | 27 | WX-85L(CL).....  | 31 | WX-205D-T.....    | 5 | WX-405(C).....   | 29 |
| ST-457(C).....   | 27 | WX-100L(CL)..... | 31 | WX-205-G.....     | 4 | WX-406(C).....   | 29 |
| ST-500L(CL)..... | 28 | WX-101.....      | 5  | WX-205PA.....     | 4 | WX-407(C).....   | 29 |
| ST-600L(CL)..... | 28 | WX-101-G.....    | 5  | WX-205PA-G.....   | 4 | WX-421.....      | 30 |
| SX-30V.....      | 12 | WX-102.....      | 5  | WX-205PA-T.....   | 4 | WX-422.....      | 30 |
| SX-40V.....      | 12 | WX-102-G.....    | 5  | WX-205-T.....     | 4 | WX-423.....      | 30 |
| SX-60V.....      | 12 | WX-102PS.....    | 5  | WX-250.....       | 4 | WX-424.....      | 30 |
| SX-90V.....      | 12 | WX-102VFD.....   | 5  | WX-250D.....      | 5 | WX-426.....      | 30 |
| SX-110V.....     | 12 | WX-103.....      | 5  | WX-250D-G.....    | 5 | WX-427.....      | 30 |
| SX-130V.....     | 12 | WX-103-G.....    | 5  | WX-250D-T.....    | 5 | WX-447(C).....   | 30 |
| SX-160V.....     | 12 | WX-104.....      | 5  | WX-250-G.....     | 4 | WX-448(C).....   | 30 |
| T-5.....         | 10 | WX-104-G.....    | 5  | WX-250PA.....     | 4 | WX-449(C).....   | 30 |
| T-5-FF.....      | 10 | WX-105PS.....    | 5  | WX-250PA-G.....   | 4 | WX-450(C).....   | 30 |
| T-12.....        | 10 | WX-110PS.....    | 5  | WX-250PA-T.....   | 4 | WX-451(C).....   | 30 |
| T-12-FF.....     | 10 | WX-130L(CL)..... | 31 | WX-250-T.....     | 4 | WX-452(C).....   | 30 |
| UNVDKT.....      | 8  | WX-165L(CL)..... | 31 | WX-250UG.....     | 6 | WX-453(C).....   | 30 |
| WF-14.....       | 6  | WX-200.....      | 5  | WX-251.....       | 4 | WX-454(C).....   | 30 |
| WF-20.....       | 6  | WX-200-G.....    | 5  | WX-251D.....      | 5 | WX-455(C).....   | 30 |
| WF-26.....       | 6  | WX-200L(CL)..... | 31 | WX-251D-G.....    | 5 | WX-456(C).....   | 30 |
| WF-32.....       | 6  | WX-200PS.....    | 5  | WX-251D-T.....    | 5 | WX-457(C).....   | 30 |
| WF-34.....       | 6  | WX-200UG.....    | 6  | WX-251-G.....     | 4 | WX-458C.....     | 30 |
| WF-44.....       | 6  | WX-201.....      | 4  | WX-251PA.....     | 4 | WX-459C.....     | 30 |
| WF-62.....       | 6  | WX-201D.....     | 5  | WX-251PA-G.....   | 4 | WX-460C.....     | 30 |
| WF-81.....       | 6  | WX-201D-G.....   | 5  | WX-251PA-T.....   | 4 | WX-461C.....     | 30 |
| WF-86.....       | 6  | WX-201D-T.....   | 5  | WX-251-T.....     | 4 | WX-462C.....     | 30 |
| WF-119.....      | 6  | WX-201-G.....    | 4  | WX-251UG.....     | 6 | WX-463C.....     | 30 |
| WH-7C.....       | 15 | WX-201-T.....    | 4  | WX-252.....       | 4 | WX-500L(CL)..... | 31 |
| WH-7CDW.....     | 15 | WX-202.....      | 4  | WX-255.....       | 4 | WX-600L(CL)..... | 31 |
| WH-7ZC.....      | 15 | WX-202D.....     | 5  | WX-255D.....      | 5 |                  |    |

## AX Models: Horizontal Diaphragm Type, ASME

| Base Model | Part No. | Seismic Restraints | Part No. | Sight Glass | Part No. | Sight Glass & Restraints | Part No. |
|------------|----------|--------------------|----------|-------------|----------|--------------------------|----------|
| AX15-125   | 117-0015 | AX15-125R          | 117-0019 | AX15-125SG  | 117-0026 | AX15-125SGR              | 117-235  |
| AX20-125   | 117-0020 | AX20-125R          | 117-0028 | AX20-125SG  | 117-0029 | AX20-125SGR              | 117-0030 |
| AX40-125   | 117-0040 | AX40-125R          | 117-0048 | AX40-125SG  | 117-0049 | AX40-125SGR              | 117-434  |
| AX60-125   | 117-0060 | AX60-125R          | 117-0070 | AX60-125SG  | 117-0071 | AX60-125SGR              | 117-0072 |
| AX80-125   | 117-80   | AX80-125R          | 117-86   | AX80-125SG  | 117-87   | AX80-125SGR              | 117-88   |
| AX100-125  | 117-100  | AX100-125R         | 117-106  | AX100-125SG | 117-107  | AX100-125SGR             | 117-108  |
| AX120-125  | 117-120  | AX120-125R         | 117-127  | AX120-125SG | 117-128  | AX120-125SGR             | 117-143  |
| AX144-125  | 117-144  | AX144-125R         | 117-153  | AX144-125SG | 117-154  | AX144-125SGR             | 117-155  |
| AX180-125  | 117-180  | AX180-125R         | 117-188  | AX180-125SG | 117-189  | AX180-125SGR             | 117-190  |
| AX200-125  | 117-200  | AX200-125R         | 117-206  | AX200-125SG | 117-207  | AX200-125SGR             | 117-232  |
| AX240-125  | 117-408  | AX240-125R         | 117-409  | AX240-125SG | 117-411  | AX240-125SGR             | N/A      |
| AX260-125  | 117-420  | AX260-125R         | 117-422  | AX260-125SG | 117-423  | AX260-125SGR             | 117-617  |
| AX280-125  | 117-430  | AX280-125R         | 117-432  | AX280-125SG | 117-433  | AX280-125SGR             | N/A      |

## AX-V Models: Vertical Diaphragm Type, ASME

| Base Model | Part No. | Seismic Restraints | Part No. | Sight Glass  | Part No. | Sight Glass & Restraints | Part No. |
|------------|----------|--------------------|----------|--------------|----------|--------------------------|----------|
| AX15V-125  | 117-401  | AX15V-125R         | 117-439  | AX15V-125SG  | 117-407  | AX15V-125SGR             | 117-536  |
| AX20V-125  | 117-402  | AX20V-125R         | 117-236  | AX20V-125SG  | 117-406  | AX20V-125SGR             | N/A      |
| AX40V-125  | 117-403  | AX40V-125R         | 117-416  | AX40V-125SG  | 117-405  | AX40V-125SGR             | 117-417  |
| AX60V-125  | 117-0062 | AX60V-125R         | 117-346  | AX60V-125SG  | 117-0074 | AX60V-125SGR             | 117-578  |
| AX80V-125  | 117-81   | AX80V-125R         | 117-275  | AX80V-125SG  | 117-90   | AX80V-125SGR             | 117-277  |
| AX100V-125 | 117-101  | AX100V-125R        | 117-840  | AX100V-125SG | 117-110  | AX100V-125SGR            | 117-942  |
| AX120V-125 | 117-121  | AX120V-125R        | 117-345  | AX120V-125SG | 117-131  | AX120V-125SGR            | 117-220  |
| AX144V-125 | 117-145  | AX144V-125R        | 117-438  | AX144V-125SG | 117-151  | AX144V-125SGR            | N/A      |
| AX180V-125 | 117-181  | AX180V-125R        | 117-404  | AX180V-125SG | 117-192  | AX180V-125SGR            | 117-606  |
| AX200V-125 | 117-201  | AX200V-125R        | 117-347  | AX200V-125SG | 117-210  | AX200V-125SGR            | 117-564  |
| AX240V-125 | 117-281  | AX240V-125R        | 117-885  | AX240V-125SG | 117-412  | AX240V-125SGR            | 117-414  |
| AX260V-125 | 117-421  | AX260V-125R        | 117-440  | AX260V-125SG | 117-442  | AX260V-125SGR            | 117-576  |
| AX280V-125 | 117-431  | AX280V-125R        | 117-441  | AX280V-125SG | 117-437  | AX280V-125SGR            | 117-577  |

## L Models: Full Acceptance Bladder, Top Connection, ASME

| Base Model | Part No. | Seismic Restraints | Part No. | Sight Glass | Part No. | Sight Glass & Restraints | Part No. |
|------------|----------|--------------------|----------|-------------|----------|--------------------------|----------|
| 200L-125   | 191-2    | 200L-125R          | 191-6    | 200L-125SG  | 191-15   | 200L-125SGR              | 191-7    |
| 300L-125   | 192-2    | 300L-125R          | 192-29   | 300L-125SG  | 192-15   | 300L-125SGR              | 192-30   |
| 400L-125   | 193-2    | 400L-125R          | 193-30   | 400L-125SG  | 193-15   | 400L-125SGR              | 193-43   |
| 500L-125   | 194-2    | 500L-125R          | 194-6    | 500L-125SG  | 194-15   | 500L-125SGR              | 194-5    |
| 600L-125   | 174-2    | 600L-125R          | 174-32   | 600L-125SG  | 174-8    | 600L-125SGR              | 174-37   |
| 800L-125   | 175-2    | 800L-125R          | 175-35   | 800L-125SG  | 175-8    | 800L-125SGR              | 175-36   |
| 1000L-125  | 176-2    | 1000L-125R         | 176-30   | 1000L-125SG | 176-7    | 1000L-125SGR             | 176-33   |
| 1200L-125  | 177-2    | 1200L-125R         | 177-31   | 1200L-125SG | 177-7    | 1200L-125SGR             | 177-24   |
| 1400L-125  | 178-2    | 1400L-125R         | 178-31   | 1400L-125SG | 178-8    | 1400L-125SGR             | 178-33   |
| 1600L-125  | 179-2    | 1600L-125R         | 179-30   | 1600L-125SG | 179-7    | 1600L-125SGR             | 179-33   |
| 2000L-125  | 180-2    | 2000L-125R         | 180-31   | 2000L-125SG | 180-7    | 2000L-125SGR             | 180-16   |
| 2500L-125  | 180-33   | 2500L-125R         | 180-47   | 2500L-125SG | N/A      | 2500L-125SGR             | 180-126  |
| 3000L-125  | 180-34   | 3000L-125R         | 180-54   | 3000L-125SG | 180-86   | 3000L-125SGR             | 180-132  |
| 3500L-125  | 189-1    | 3500L-125R         | 189-22   | 3500L-125SG | N/A      | 3500L-125SGR             | N/A      |
| 4000L-125  | 189-2    | 4000L-125R         | 189-28   | 4000L-125SG | 189-36   | 4000L-125SGR             | N/A      |
| 5000L-125  | 189-3    | 5000L-125R         | N/A      | 5000L-125SG | N/A      | 5000L-125SGR             | 189-41   |

FREQUENTLY USED PART NUMBERS

## LBC Models: Partial Acceptance Bladder, Bottom Connection, ASME

| Base Model | Part No. | Seismic Restraints | Part No. | Sight Glass  | Part No. | Sight Glass & Restraints | Part No. |
|------------|----------|--------------------|----------|--------------|----------|--------------------------|----------|
| 35LBC-125  | 165-5    | 35LBC-125R         | 165-13   | 35LBC-125SG  | 165-11   | 35LBC-125SGR             | 165-15   |
| 50LBC-125  | 166-5    | 50LBC-125R         | 166-12   | 50LBC-125SG  | 166-11   | 50LBC-125SGR             | 166-14   |
| 85LBC-125  | 167-4    | 85LBC-125R         | 167-11   | 85LBC-125SG  | N/A      | 85LBC-125SGR             | 167-12   |
| 100LBC-125 | 168-4    | 100LBC-125R        | 168-7    | 100LBC-125SG | 168-11   | 100LBC-125SGR            | N/A      |
| 130LBC-125 | 169-4    | 130LBC-125R        | 169-7    | 130LBC-125SG | 169-10   | 130LBC-125SGR            | 169-11   |
| 165LBC-125 | 171-15   | 165LBC-125R        | 171-21   | 165LBC-125SG | N/A      | 165LBC-125SGR            | N/A      |
| 200LBC-125 | 191-33   | 200LBC-125R        | 191-41   | 200LBC-125SG | 191-39   | 200LBC-125SGR            | 191-45   |
| 300LBC-125 | 192-31   | 300LBC-125R        | 192-37   | 300LBC-125SG | 192-38   | 300LBC-125SGR            | N/A      |
| 400LBC-125 | 193-32   | 400LBC-125R        | 193-37   | 400LBC-125SG | 193-40   | 400LBC-125SGR            | N/A      |
| 500LBC-125 | 194-32   | 500LBC-125R        | N/A      | 500LBC-125SG | N/A      | 500LBC-125SGR            | 194-42   |
| 600LBC-125 | 174-36   | 600LBC-125R        | 174-42   | 600LBC-125SG | N/A      | 600LBC-125SGR            | N/A      |

## ST Models: Diaphragm Type, ASME

| Base Model  | Part No. | Seismic Restraints | Part No. | Sight Glass   | Part No. | Sight Glass & Restraints | Part No. |
|-------------|----------|--------------------|----------|---------------|----------|--------------------------|----------|
| ST20VC-150  | 141-009  | ST20VC-150R        | 141-010  | ST20VC-150SG  | 142-134  | ST20VC-150SGR            | N/A      |
| ST30VC-150  | 143-218  | ST30VC-150R        | 143-364  | ST30VC-150SG  | 143-269  | ST30VC-150SGR            | N/A      |
| ST42VC-150  | 144-0148 | ST42VC-150R        | 144-229  | ST42VC-150SG  | 144-179  | ST42VC-150SGR            | N/A      |
| ST60VC-150  | 146-751  | ST60VC-150R        | 146-796  | ST60VC-150SG  | 146-759  | ST60VC-150SGR            | N/A      |
| ST70VC-150  | 146-790  | ST70VC-150R        | 146-822  | ST70VC-150SG  | 146-808  | ST70VC-150SGR            | N/A      |
| ST80VC-150  | 147-139  | ST80VC-150R        | 147-202  | ST80VC-150SG  | 147-141  | ST80VC-150SGR            | 147-194  |
| ST120VC-150 | 147-199  | ST120VC-150R       | 147-218  | ST120VC-150SG | N/A      | ST120VC-150SGR           | N/A      |
| ST180VC-150 | 148-109  | ST180VC-150R       | 148-156  | ST180VC-150SG | 148-120  | ST180VC-150SGR           | N/A      |
| ST210VC-150 | 148-110  | ST210VC-150R       | 148-166  | ST210VC-150SG | 148-116  | ST210VC-150SGR           | N/A      |

## WELL-X-TROL® Quick Sizing

| Pump Discharge Rate (Approx. GPM) | OPERATING PRESSURE |            |            |            |            |            |
|-----------------------------------|--------------------|------------|------------|------------|------------|------------|
|                                   | 30/50 PSIG         |            | 40/60 PSIG |            | 50/70 PSIG |            |
|                                   | ESP I              | ESP II     | ESP I      | ESP II     | ESP I      | ESP II     |
| 5                                 | WX-202             | WX-205     | WX-202     | WX-205     | WX-202     | WX-250     |
| 7                                 | WX-202XL           | WX-250     | WX-203     | WX-251     | WX-203     | WX-251     |
| 10                                | WX-205             | WX-251     | WX-205     | WX-255     | WX-250     | WX-302     |
| 12                                | WX-250             | WX-255     | WX-250     | WX-255     | WX-251     | WX-350     |
| 15                                | WX-250             | WX-302     | WX-251     | WX-350     | WX-251     | WX-350     |
| 20                                | WX-251             | WX-350     | WX-255     | WX-255 (2) | WX-302     | WX-302 (2) |
| 25                                | WX-255             | WX-255 (2) | WX-302     | WX-302 (2) | WX-350     | WX-350 (2) |
| 30                                | WX-302             | WX-302 (2) | WX-350     | WX-350 (2) | WX-350     | WX-302 (3) |
| 35                                | WX-350             | WX-350 (2) | WX-350     | WX-350 (2) | WX-255 (2) | WX-350 (3) |
| 40                                | WX-350             | WX-350 (2) | WX-255 (2) | WX-302 (3) | WX-302 (2) | WX-350 (3) |

ESP I - Effective Sizing Protection I: The tank selection is based on approximately one minute running time. This is recommended for pumps up to 3/4 hp.  
 ESP II - Effective Sizing Protection II: The tank selection is based on approximately two minutes running time. This is recommended for pumps 3/4 hp or larger.

## THERM-X-TROL® Quick Sizing

| Maximum Temperature Setting 140°F |                               |       |        | Maximum Temperature Setting 160°F |                               |        |        | Maximum Temperature Setting 180°F |                               |        |        |
|-----------------------------------|-------------------------------|-------|--------|-----------------------------------|-------------------------------|--------|--------|-----------------------------------|-------------------------------|--------|--------|
| Water Heater Size (gals.)         | Static Supply Pressure (psig) |       |        | Water Heater Size (gals.)         | Static Supply Pressure (psig) |        |        | Water Heater Size (gals.)         | Static Supply Pressure (psig) |        |        |
|                                   | 40                            | 60    | 80     |                                   | 40                            | 60     | 80     |                                   | 40                            | 60     | 80     |
| 40                                | ST-5                          | ST-5  | ST-5   | 40                                | ST-5                          | ST-5   | ST-8   | 40                                | ST-8                          | ST-8   | ST-8   |
| 50                                | ST-5                          | ST-5  | ST-5   | 50                                | ST-5                          | ST-8   | ST-8   | 50                                | ST-8                          | ST-8   | ST-12  |
| 60                                | ST-8                          | ST-8  | ST-8   | 60                                | ST-8                          | ST-8   | ST-12  | 60                                | ST-8                          | ST-12  | ST-25V |
| 80                                | ST-8                          | ST-8  | ST-12  | 80                                | ST-8                          | ST-12  | ST-25V | 80                                | ST-12                         | ST-25V | ST-25V |
| 120                               | ST-12                         | ST-12 | ST-25V | 120                               | ST-12                         | ST-25V | ST-25V | 120                               | ST-25V                        | ST-25V | ST-25V |

Sizing based on: 40°F incoming water temperature; 150 psi T&P safety relief valve; Precharge equal to static supply pressure.  
 For larger applications: Visit [amtrol.com](http://amtrol.com), download the AMTROL App or contact Technical Support at 401.535.1216.

## EXTROL® Quick Sizing

| Boiler                          | Type of Radiation                  |                            |                     |                     |
|---------------------------------|------------------------------------|----------------------------|---------------------|---------------------|
|                                 | Finned Baseboard or Radiant Panels | Convectors or Unit Heaters | Radiators Cast Iron | Baseboard Cast Iron |
| Net Output in 1000'S of BTU/Hr. |                                    |                            |                     |                     |
| MBH                             | Use Model                          | Use Model                  | Use Model           | Use Model           |
| 25                              | EX-15                              | EX-15                      | EX-15               | EX-15               |
| 50                              | EX-15                              | EX-15                      | EX-30               | EX-30               |
| 75                              | EX-30                              | EX-30                      | EX-30               | EX-60               |
| 100                             | EX-30                              | EX-30                      | EX-60               | EX-60               |
| 125                             | EX-30                              | EX-60                      | EX-60               | EX-90               |
| 150                             | EX-30                              | EX-60                      | EX-90               | EX-90               |
| 175                             | EX-60                              | EX-60                      | SX Series           | SX Series           |
| 200                             | EX-60                              | EX-60                      | SX Series           | SX Series           |
| 250                             | EX-60                              | EX-90                      | SX Series           | SX Series           |
| 300                             | EX-90                              | SX Series                  | SX Series           | SX Series           |

Sizing based on: 12 psig Fill; 30 psig Relief Valve; 200°F Average Temperature.  
 For sizing with fluids other than water: Visit [amtrol.com](http://amtrol.com), download the AMTROL App or contact Technical Support at 401-535-1216.

QUICK SIZING





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| <b>PRODUCT</b>                           | <b>MODELS</b>  | <b>DURATION (from date of purchase)</b>   |
|--|--|---|
| <b>WATER SYSTEMS</b>                     |  |   |
| Well-X-Trol® Residential Well Tanks      | WX   | Seven (7) Year Limited Warranty*  |
| Well-X1® Constant Pressure System        | WX1  | Seven (7) Year Limited Warranty (Tank)*<br>Two (2) Year Limited Warranty (Control)  |
| CH, WF & PL Well Tanks                   | All  | Five (5) Year Limited Warranty  |
| Guardian CP® Digital Control             | DC2  | Two (2) Year Limited Warranty   |
| Reverse Osmosis (RO) Tanks               | RO   | Five (5) Year Limited Warranty  |
| Retention Tanks                          | ERTG   | Three (3) Year Limited Warranty   |
| AMTROL Pressuriser®                      | RP   | Two (2) Year Limited Warranty   |
| <b>PLUMBING &amp; HEATING</b>            |  |   |
| Extrol® Expansion Tanks                  | EX, RX & SE<br>SX  | Five (5) Year Limited Warranty<br>One (1) Year Limited Warranty   |
| Fill-Trol® Tanks                         | FT   | Five (5) Year Limited Warranty  |
| Thermal Expansion Tanks                  | ST-5 through ST-25V<br>ST-30V through ST-210V<br>T   | Five (5) Year Limited Warranty<br>One (1) Year Limited Warranty<br>One (1) Year Limited Warranty  |
| Mini-Trol®<br>Diatrol®                   | All<br>All   | Five (5) Year Limited Warranty<br>Five (5) Year Limited Warranty (Residential)  |
| <b>HOT WATER MAKERS®</b>                 |  |   |
| BoilerMate® Hot Water Makers             | CH & WH-41   | Six (6) Year Limited Warranty on Heat Exchanger and Tank Assembly Only. Limited Lifetime Upgrade Option Available. See Literature for Upgrade Information.      |
| HYDROMAX® Hot Water Makers               | HM   | Seven (7) Year Limited Warranty on Heat Exchanger and Tank Assembly Only. Limited Lifetime Upgrade Option Available. See Literature for Upgrade Information.    |
| Ener-G-Net™ Control                      |  | Two (2) Year Limited Warranty   |
| Premier™ Hot Water Makers                | WH-7, WHS, DC & S  | Five (5) Year Limited Warranty in Commercial Applications. Ten (10) Year Limited Warranty in Residential Applications on Heat Exchanger and Tank Assembly Only. |
| <b>ALL OTHER</b>                         |  |   |
| All Other Products, Components and Parts | If not specified above including Hot Water Maker components and parts other than the Heat Exchanger and Tank Assembly. | One (1) Year Limited Warranty   |

**For detailed warranty information, please visit [www.amtrol.com](http://www.amtrol.com)**

All dimensions and weights listed are approximate.

\*Units manufactured April 1, 2010 or later.

# Look **INSIDE THE TANK.**

Outward appearances matter, but cut open our products and you'll see some important differences. It's what's on the inside that matters the most.



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