



REVERSE OSMOSIS

RO Storage Tanks



High Purity Water Storage



REVERSE OSMOSIS

Amtrol invented the pre-pressurized water storage tank over 50 years ago and they are still considered the standard of the industry. These tanks feature a polypropylene liner and butyl diaphragm to prevent water from making contact with the metal tank for cleaner, fresher, better tasting water. All Amtrol RO tanks are manufactured in the USA at our ISO 9001:2008 registered facilities.



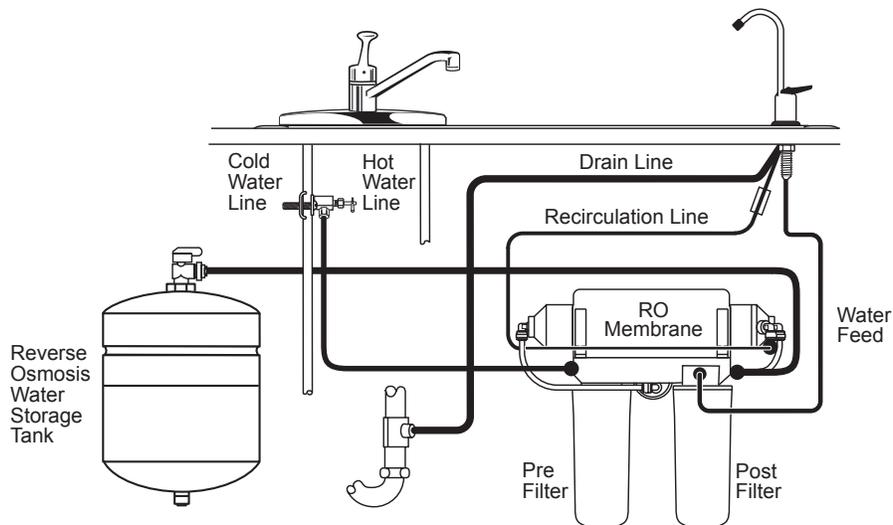
Polypropylene liner and butyl rubber diaphragm are locked together with Amtrol's unique hoop ring and groove design.

Durable steel tank for extra-long life.

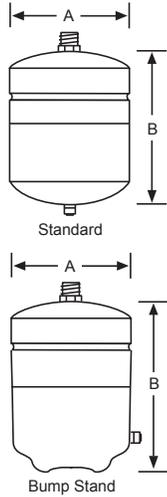
REVERSE OSMOSIS Tanks

- Provide water storage in reverse osmosis water systems.
- Meet the most demanding specifications for potable water.
- Reliable diaphragm vs. bladder design.
- Individually tested for safety.
- Available with Pro-Access® stainless steel system connection.

Typical Installation

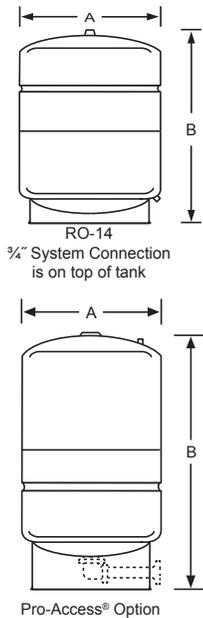


Specifications and Tank Selection



| Under Sink Models | | | | | | | | | |
|-------------------|--------------|-----------------------|---------------------|-------------------|--|------------|----------------------|-----------------|------------------------|
| Model | Model Number | Tank Volume (Gallons) | A Diameter (Inches) | B Height (Inches) | System Connection ¹ NPTM (Inches) | Tank Color | Tank Precharge (psi) | Stand Type | Shipping Weight (lbs.) |
| RO-2 | 140-32 | 2.0 | 8 | 13 | ¼ | Blue | 5 | Plastic | 5 |
| RO-2 | 140-653 | 2.0 | 8 | 13 | ¼ | Blue | 20 | Plastic | 5 |
| RO-3 | 140S723 | 3.2 | 9 | 15 | ¼ | White | 5 | Plastic | 7 |
| RO-3 | 140S725 | 3.2 | 9 | 14 | ¼ | White | 5 | 3 Bumps | 7 |
| RO-4 | 141S343 | 4.4 | 11 | 15 | ¼ | Blue | 5 | Plastic | 9 |
| RO-4 | 141S344 | 4.4 | 11 | 15 | ¼ | White | 5 | Plastic | 9 |
| RO-4 | 141S351 | 4.4 | 11 | 15 | ¼ | White | 5 | 3 Bumps/Plastic | 9 |
| RO-4 | 141S352 | 4.4 | 11 | 15 | ¼ | Blue | 5 | 3 Bumps/Plastic | 9 |
| RO-10 | 143-132 | 10.0 | 15 | 18 | ¾ | Blue | 5 | Plastic | 20 |

¹ Stainless Steel System Connection.
 Maximum Working Pressure: 100 psig.
 Maximum Operating Temperature: 200° F.



| Freestanding Models | | | | | | | | | |
|---------------------|--------------|-----------------------|---------------------|-------------------|---|------------|----------------------|------------|------------------------|
| Model | Model Number | Tank Volume (Gallons) | A Diameter (Inches) | B Height (Inches) | System Connection ¹ NPT (Inches) | Tank Color | Tank Precharge (psi) | Stand Type | Shipping Weight (lbs.) |
| RO-14 | 143-198 | 14 | 15 | 23 | ¾ | Blue | 15 | Steel | 24 |
| RO-14 | 143-293 | 14 | 15 | 25 | ¼ | Blue | 15 | Steel | 24 |
| RO-20 | 144-120 | 20 | 15 | 33 | ¾ | Blue | 15 | Steel | 32 |
| RO-20PA | 144-251 | 20 | 15 | 33 | ¾ | Blue | 15 | Steel | 32 |
| RO-34 | 147-47 | 34 | 22 | 30 | 1 ¼ | Blue | 15 | Steel | 86 |
| RO-34PA | 147-220 | 34 | 22 | 30 | 1 ¼ | Blue | 15 | Steel | 61 |
| RO-44 | 147-69 | 44 | 22 | 36 | 1 ¼ | Blue | 15 | Steel | 86 |
| RO-44PA | 147-221 | 44 | 22 | 36 | 1 ¼ | Blue | 15 | Steel | 86 |
| RO-86 | 150-6 | 86 | 26 | 48 | 1 ¼ | Blue | 15 | Steel | 123 |
| RO-86PA | 150-86 | 86 | 26 | 47 | 1 ¼ | Blue | 15 | Steel | 123 |
| RO-119PA | 151-57 | 119 | 26 | 61 | 1 ¼ | Blue | 15 | Steel | 166 |

¹ Stainless Steel System Connection. All RO models (except PA) have a NPTM connection. All RO-PA models have a NPTF connection.
 Maximum Working Pressure: 100 psig.
 Maximum Operating Temperature: 200° F.
 Pro Access[®] Stainless Steel System Connection piped through the stand identified by suffix: PA

| Tank Selection Guide | | | | | | | | |
|----------------------|-----------------------------|----------------------|---|---------|---------|---------|---------|---------|
| Model | Total Tank Volume (Gallons) | Tank Precharge (psi) | Water Capacity (Gallons) at Various System Pressures - At Factory Precharge | | | | | |
| | | | 20 psig | 30 psig | 40 psig | 50 psig | 60 psig | 70 psig |
| RO-2 | 2.0 | 5 | 0.9 | * | * | * | * | * |
| RO-2 | 2.0 | 20 | 0 | 0.4 | 0.7 | 0.9 | * | * |
| RO-3 | 3.2 | 5 | 1.4 | 1.8 | 2.0 | * | * | * |
| RO-4 | 4.4 | 5 | 1.9 | 2.5 | 2.8 | 3.0 | 3.2 | * |
| RO-10 | 10.0 | 5 | 4.3 | 5.6 | 6.4 | 7.0 | 7.4 | 7.7 |
| RO-14 | 14.0 | 15 | 2.0 | 4.7 | 6.4 | 7.6 | 8.4 | 9.1 |
| RO-20 | 20.0 | 15 | 2.9 | 6.7 | 9.1 | 10.8 | * | * |
| RO-34 | 34.0 | 15 | 4.9 | 11.4 | 15.6 | 18.4 | 20.5 | 22.1 |
| RO-44 | 44.0 | 15 | 6.3 | 14.8 | 20.0 | 23.8 | 26.5 | 28.6 |
| RO-86 | 86.0 | 15 | 12.4 | 28.9 | 39.3 | 46.5 | * | * |

*Not recommended.



Committed to American Workers

All Amtrol Reverse Osmosis tanks are Made in the USA at our ISO 9001:2008 registered facilities. State-of-the-art equipment and talented, dedicated associates produce the highest quality, most reliable and best performing products on the market.



1400 Division Road, West Warwick, RI USA 02893
T: 800.426.8765 F: 800.293.1519
www.amtrol.com

