



# 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 at our ISO 9001:2008 registered facilities.



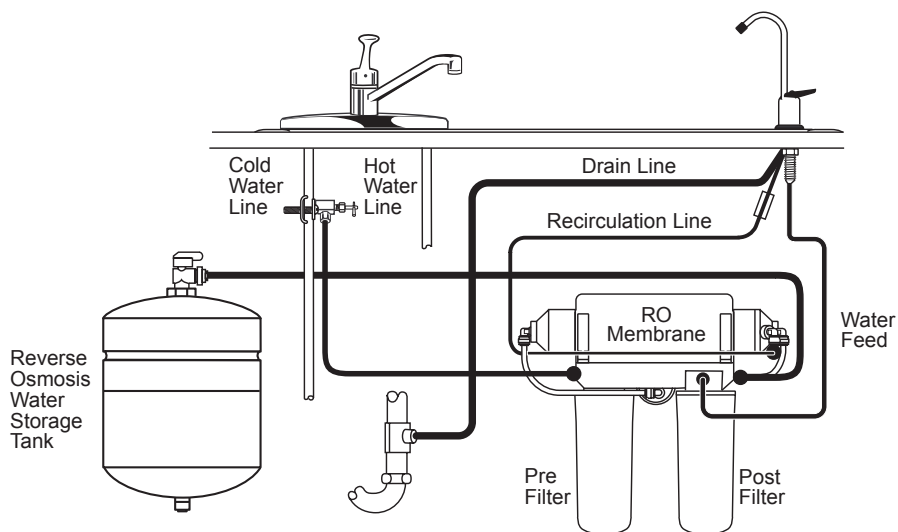
Polypropylene liner and butyl rubber diaphragm are locked together with Amtrol's unique hoop ring and groove design.

Durable steel tank for extra-long life.

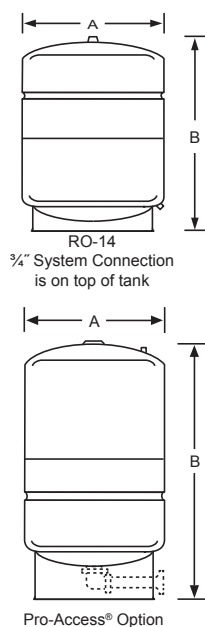
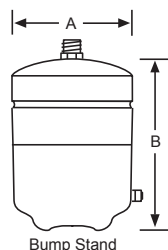
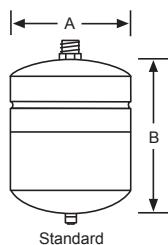
## REVERSE OSMOSIS Tanks

- 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 <sup>1</sup> NPTM (Inches)	Tank Color	Tank Precharge (psi)	Stand Type	Shipping Weight (lbs.)
RO-4	141S343	4.4	11	15	1/4	Blue	5	Plastic	9
RO-4	141S344	4.4	11	15	1/4	White	5	Plastic	9
RO-10	143-132	10.0	15	18	3/4	Blue	5	Plastic	20

<sup>1</sup> 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 <sup>1</sup> NPT (Inches)	Tank Color	Tank Precharge (psi)	Stand Type	Shipping Weight (lbs.)
RO-14	143-198	14	15	23	3/4	Blue	15	Steel	24
RO-14	143-293	14	15	25	1/4	Blue	15	Steel	24
RO-20	144-120	20	15	33	3/4	Blue	15	Steel	32
RO-20PA	144-251	20	15	33	3/4	Blue	15	Steel	32
RO-34	147-47	34	22	30	1 1/4	Blue	15	Steel	86
RO-34PA	147-220	34	22	30	1 1/4	Blue	15	Steel	61
RO-44	147-69	44	22	36	1 1/4	Blue	15	Steel	86
RO-44PA	147-221	44	22	36	1 1/4	Blue	15	Steel	86
RO-86	150-6	86	26	48	1 1/4	Blue	15	Steel	123
RO-86PA	150-86	86	26	47	1 1/4	Blue	15	Steel	123
RO-119PA	151-57	119	26	61	1 1/4	Blue	15	Steel	166

<sup>1</sup> 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-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 manufactured at our ISO 9001:2015 certified facilities. State-of-the-art equipment and talented, dedicated associates produce the highest quality, most reliable and best performing products on the market.



*Tanks on Tour™ in front of the Amtrol Education Center.*



1400 Division Road, West Warwick, RI USA 02893  
T: 800.426.8765 [www.amtrol.com](http://www.amtrol.com)

