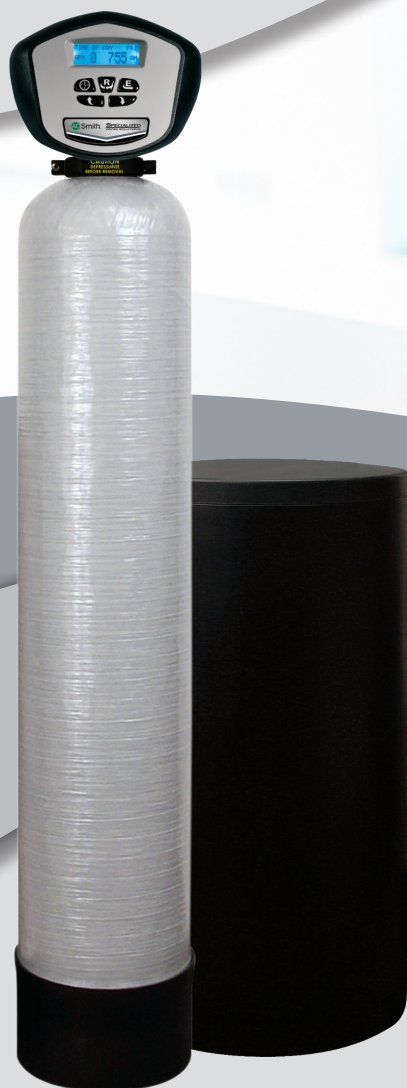




PRECISION SERIES SOFTENERS



Everyday essentials begin with good water

Hardness minerals, like calcium, that cause scale build up throughout your home don't stand a chance with our A. O. Smith Precision series water softeners. They utilize innovative technology and quality, high-capacity resin to keep your plumbing and appliances operating at peak performance. Soft water can also improve your family's skin and hair on a daily basis.

Paired with our patented Water Efficient Technology®, the Specialized Water Solutions Precision water softeners can offer the most efficient system on the market today. You can also include our optional salt monitor to provide alerts when the system is in need of more salt, so you never have to remember to check your system.

Today's modern homes rely on soft water to continue running efficiently. Protect your investments with our reliable Specialized Water Solutions Precision models and get the high quality water you have come to expect. All of our equipment is designed to be environmentally-friendly while safeguarding your household plumbing, appliances, skin, hair, and laundry.

Efficiency is in the details.

Water Efficient Technology (W.E.T.) is a breakthrough in water treatment. W.E.T. is a series of patented features designed to reduce the amount of water and salt used.

- Saves Water
- Reduces Salt Used

(Save up to 50% during regenerations)



SPECIALIZED
WATER SOLUTIONS

PRECISION SERIES SOFTENERS

1 Exclusive Technology

- Deep cleaning regeneration only when necessary
- Exclusive features insures consistent water quality
- Vacation Mode to prevent unnecessary regenerations
- Only one internal moving part for easy maintenance
- Battery back-up
- Equipped with W.E.T.
 - Proportional Brining: uses less salt (Available on Upflow Units Only)
 - Proportional Regeneration: uses less water
 - Alternate Regeneration: keeps the system running at peak performance
 - Salt Monitor: triggers alarm when salt levels are low
 - Savings History Screen: shows how much it saves



2 High-Performance Resin

- Powerful and durable media
- Reduces the minerals that cause hard water
- Undergoes rigorous quality control testing

3 Quartz Underbedding

- Delivers high and consistent flow rates
- Provides accurate and efficient cleaning process

4 Low-Maintenance Brine Tank

- Built-in safety float
- Heavy duty, corrosion-free material
- Fills with soft water which reduces cleaning
- Dry salt storage



Every component, feature, and innovation in our Precision Series Softeners is engineered to efficiently deliver high-quality water for your home and family. Precision models are certified to meet NSF/ANSI 44 standards.



MODEL		AOP-844(U)	AOP-948(U)	AOP-1044(U)	AOP-1054(U)	AOP-1252(U)	AOP-1354(U)
Rated Softener Capacity:* (Grains/Lbs. Salt)	Minimum	13,700 @ 3.4	18,200 @ 4.5	18,200 @ 4.5	27,600 @ 7.0	36,400 @ 9.0	45,800 @ 11.5
	Medium	16,800 @ 6.0	23,500 @ 9.0	23,500 @ 9.0	36,700 @ 15.0	47,000 @ 18.0	53,900 @ 18.0
	Maximum	18,800 @ 8.0	28,000 @ 15.0	28,000 @ 15.0	42,000 @ 22.5	56,100 @ 30.0	69,800 @ 37.0
Efficiency at 1 lb Salt Setting (Grains/Lbs Salt)		4,040/1	4,040/1	4,040/1	4,040/1	4,040/1	4,040/1
Max. Service Flow Rate (GPM)		11.7	13.1	16.0	13.3	16.4	17.1
Max. Pressure Loss at Max. Service (PSI)		15.0	15.0	15.0	15.0	15.0	15.0
Min. to Max. Working Pressure (PSI)		30-100	30-100	30-100	30-100	30-100	30-100
Min. to Max. Operating Temperature (°F)		33-100	33-100	33-100	33-100	33-100	33-100
Max. Flow to Drain During Regeneration (GPM)		1.3	1.7	2.2	2.2	3.2	3.2
Amount of High Capacity Cat-ion Resin (Cu. Ft.)		.75	1.0	1.0	1.5	2.0	2.5
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"	1"	1"
Total Dimensions:	Media Tank and Valve	8"W x 52"H	9"W x 56"H	10"W x 52"H	10"W x 62"H	12"W x 60"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 40"H	18"W x 40"H

All water softeners listed are set at "minimum salting" from the factory. Upflow units are indicated by a "U" after the model number. i.e. AOP-1054U. *Upflow units are not certified models.

Your local water professional:

