

## PACKAGED RESIDENTIAL ARSENIC ADSORPTION SYSTEMS

AdVantEdge’s POE Medallion Series treatment systems offer a new level of quality and convenience. These packaged residential and light commercial systems, specifically designed for arsenic treatment are the culmination of years of experience. The systems utilize AdEdge’s Bayoxide® E33 adsorption media for reliable, simple, and cost-effective treatment. No other technology can compare to its simplicity and ease of use. The media can operate over a wide range of water quality and utilizes no regeneration chemicals, salt or additives. Only periodic backwashing is required. The spent media, upon exhaustion, is easily disposed as non-hazardous waste.

Some features and benefits include:

- Complete pre-packaged, pre-designed modular system for ease of use
- Reduces Up to 99% reduction of Arsenic (V) and (III) without chemicals
- Automatic controls with LCD display / readout
- Proven, reliable treatment without hassle of chemicals or brine
- Long product life for economical performance

AdVantEdge offers three sizes of systems to accommodate home, light commercial and low flow remediation applications, The POE-4-1054, POE-5-1252, POE-7-1354, and the POE-10-1465 are sized for 4-gpm, 5-gpm, 7-gpm, and 10-gpm flows respectively. The following table highlights the basic system specifications.



Specifications	Model POE-4-1054	Model POE-5-1252	Model POE-7-1354	Model POE-10-1465
Dimensions	10"W x 54"H	12"W x 52"H	13"W x 54"H	14"W x 65"H
Quantity of Media	1.5 cubic feet	2 cubic feet	2.75 cubic feet	4 cubic feet
Media Type	Bayoxide® E33	Bayoxide® E33	Bayoxide® E33	Bayoxide® E33
Normal Service Flow	3 - 5 gpm	4 - 6 gpm	6 - 8 gpm	8 - 10 gpm
Peak Flow Rate	5 gpm	6 gpm	8 gpm	10 gpm
Backwash Max Flow	4.5 gpm	5 gpm	7 gpm	10 gpm
Backwash Cycles	Automatic	Automatic	Automatic	Automatic
Inlet/Outlet	1" dia MPT PVC	1" dia MPT PVC	1" dia MPT PVC	1" dia MPT PVC
Drain	3/4" connection	3/4" connection	3/4" connection	3/4" connection
Underbed Material	Gravel/Stone	Gravel/Stone	Gravel/Stone	Gravel/Stone
Shipping Weight	105 lbs	120 lbs	160 lbs	230 lbs
Temperature Range	33°F - 100°F	33°F - 100°F	33°F - 100°F	33°F - 100°F