



Spec # \_\_\_\_\_

Quantity \_\_\_\_\_

### Models:

**ASB1001 / ASB2001 / ASB3001**

### **Residential Arsenic Reduction Systems**

### Applications:

- Arsenic Reduction

### At a Glance:

- Helps Reduce Arsenic III and V
- Meets current Safe Drinking Water Act Regulation of <10 ppb when operated and maintained in accordance with manufacturer's instructions



**ASB1001**

### Product Benefits:

- Solid state microprocessor with front panel accessibility specifically designed and programmed to help provide arsenic reduction filtration under most environmental conditions
- Unique plug and play control system for one button setup for the consumer/installer with 3 pre-programmed backwash cycles
- The 12-volt output adapter for easy installation
- The titanium oxide media (MetSorb™ HMRG) consistently helps reduce effluent water to below the federally regulated limit of 10 ppb of both Arsenic III and V\*
- Media tested to HMRG\*\* toxicity characteristic leaching procedures showing spent media did not detect any contaminants above regulatory limits
  - Tests provided by independent lab. Contact 3M Purification Inc. for a copy of results.

\* Also known as Arsenite (AS III) and Arsenate (AS V)

\*\* HMRG (Heavy Metal Removal Granules)

Units Not for sale in California, Iowa, Wisconsin, or Quebec.

### Product Specifications:

Model Number	Media (Cu. Ft.)	Pipe Size	Dimensions		Flow Rates	
			Height.	Diameter	Service <sup>1</sup>	Backwash
ASB1001	1.0	1" NPT	53" (134.6 cm)	10" (25.4 cm)	5 gpm (18.9 lpm)	2.7 gpm (10.2 lpm)
ASB2001	2.0		63" (160 cm)	12" (30.5 cm)	10 gpm (37.9 lpm)	3.2 gpm (12.1 lpm)
ASB3001	3.0		74" (188 cm)	14" (35.6 cm)	15 gpm (56.8 lpm)	5.3 gpm (20.1 lpm)

NOTE:

1 Service Flow is calculated at an EBCT of 1.5 minutes. Greater arsenic reduction can be achieved by reducing flow rates





Spec #

Quantity

Model Number

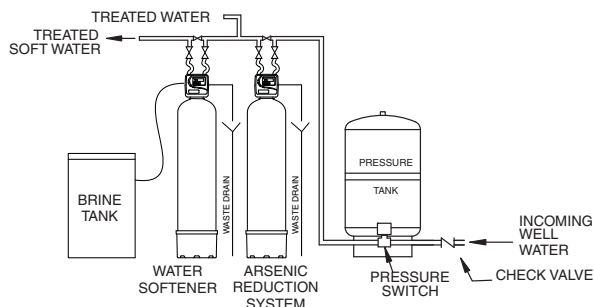
Part Number

## Control Valve Performance

Operating Pressure	Operating Temperature	Height	Weight	Power (Volts)	Current (amps)	Recommended Tank Size	Backwash (min)	Fast Rinse (min)
20-125 psi (138-862 kPa)	40-110°F (4-43.3°)	7 3/8" (18.7 cm)	4.5 lb (2 kg)	12 V AC Adapter Included	0.5	6-22 gallons (22.3-83.3 liters)	6	4
							10	6.7
							14	8

## Typical Installation:

### WELL INSTALLATION



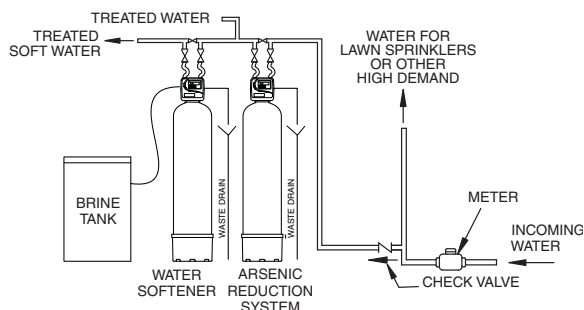
#### WARNING

To reduce the risk associated with the ingestion of contaminants:

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Units Not for sale in California, Iowa, Wisconsin or Quebec.

### PUBLIC WATER SUPPLY INSTALLATION



#### CAUTION

To reduce the risk associated with property damage due to water leakage:

- Read and follow Use Instructions before installation and use of this system.

Diagrams shown are for quick reference only. Installation must be performed in accordance with the Installation and Use Manual accompanying the product

## Limited Warranty:

3M Purification Inc. warrants this Product to be free from defects in material and workmanship during normal use for the warranty period set forth below. The warranty period commences from the date of purchase. This warranty does not cover failures resulting from abuse, misuse, alteration or damage not caused by 3M Purification Inc. or failure to follow installation and use instructions. No warranty is given as to the service life of any filter cartridge, membrane, or media as it will vary with local water conditions and water consumption. **3M PURIFICATION INC. MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOMER OR USAGE OF TRADE.** If the Product is found defective within the warranty period, your exclusive remedy and 3M Purification Inc.'s sole obligation shall be, at 3M Purification Inc.'s option, to replace or repair the Product or refund the purchase price of the Product. This warranty does not cover labor. **The remedy stated in this paragraph is Customer's sole remedy and 3M Purification Inc.'s exclusive obligation.**

**Warranty Period:** One (1) year on the entire product unit; Five (5) years on the media tank only (does not include internal component parts); Five (5) years on the control valve; and Five (5) years on salt storage container and components\*

For additional information, see the entire Limited Warranty located in the product Installation and Operating Instruction manual.

**Limitation of Liability:** 3M Purification Inc. will not be liable for any loss or damage arising from this 3M Purification Inc. product, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

\*Water Softeners Only



**3M Purification Inc.**  
400 Research Parkway  
Meriden, CT 06450, U.S.A.  
Tel (800) 733-1199  
(203) 237-5541  
Fax (203) 238-8701  
www.aquapure.com  
www.3mpurification.com

Please recycle. Printed in U.S.A.  
Aqua-Pure is a trademark of 3M Company used under license.  
3M is a trademark of 3M Company.  
© 2011 3M Company. All rights reserved.  
70-0201-9305-1  
REV 1211

Distributed by: