

*Effectively used  
in combination to:*

- Remove hardness
- Remove manganese
- Remove iron
- Remove chlorine
- Neutralize acidic water
- Remove sulfur
- Remove unpleasant tastes and odors
- Reduce turbidity



ASBF-C Filter  
(Backwash Filter with  
Activated Carbon)

ASBF-AN Filter  
(Backwash Filter with  
Acid Neutralizing Media)



AS Softener  
(4 models to choose from)

ASAF-GS Filter  
(Automatic Sulfur/  
Iron Filter)

The AS Series™ water softeners and filters offer you a complete solution to most all hard water conditions. The AS Series softener can be used alone or in combination with filter units to effectively remove unwanted hardness and minerals as well as unpleasant odors and tastes. You'll enjoy the benefits of quality softened water knowing your system is perfectly matched to your specific water needs.

- Safe, low-voltage operation  
Full 1-inch porting throughout the system — means the highest service flows with the least pressure drop
- Non-corrosive valve made of high-tech, durable Noryl™ plastic
- Three models to choose from:
  - standard time clock
  - metered consumption
  - electronic metering with “system day over-ride”
- All regeneration cycles are custom programmed for your specific water problems
- User-friendly design makes the AS Series systems easy to operate and maintain

### AS SERIES Water Softeners

#### Solving Hard Water Problems

Hard water reduces ability of soap to lather and clean. Mineral deposits can also harm household appliances. The affordable AS Series uses quality resin media to remove hardness and unwanted minerals. Choose from three regeneration types:

- 1) time clock — T
- 2) mechanical meter — M
- 3) electronic meter — ME

### ASBF-AN Acid Neutralizing Filter

#### Solving Acidic Water Problems

Acidic water can be harmfully corrosive to your entire plumbing system. This condition can often be treated with a single acid neutralizing filter unit. Your water treatment professional may also recommend the use of a water conditioner after the acid neutralizer to remove hardness.

### ASAF-GS\* Automatic Oxidizing Filter

#### Solving Problems of Iron, Manganese and Hydrogen Sulfide

The ASAF Filter unit uses a Maz media to effectively remove iron, manganese and hydrogen sulfide from well water using an oxidation and filtration process. Potassium permanganate, housed in a small feed tank, helps clean the iron and sulfur from the media to be efficiently washed clean during backwashing.

### ASBF-C Carbon Filter Unit

#### Solving Taste and Odor Problems

Chlorine and slight sulfur odors can often be removed by a carbon filter unit. However, when odors are extreme, your water treatment professional may recommend a pre-chlorination system to help increase the life of the carbon unit. In such installations, the ASBF-Carbon filter system will effectively remove the sulfur and chlorine taste/odor that comes from the chlorination system.

The AS Series™ water softeners and filters use high-quality media to soften water and remove unwanted minerals found in a wide range of problem waters — whether from municipalities or well water sources.

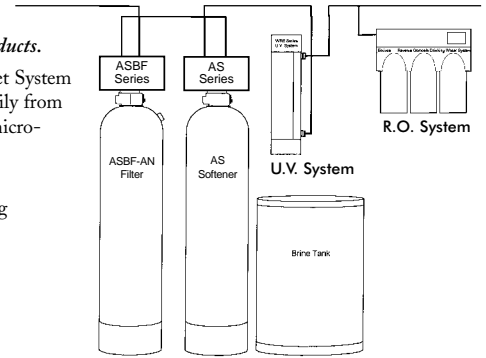
Count on your Water-Right dealer for expert advice on the use of this equipment and ways to optimize your water quality for drinking and household use.

### SYSTEM DIAGRAM

Ask your dealer about other fine Water-Right products.

**U.V.** — Ultraviolet System protects your family from disease-causing micro-organisms.

**R.O.** — Reverse Osmosis Drinking Water System. Bottled water quality at your fingertips.



### CAPACITY SPECIFICATIONS

MODEL		AS-844	AS-1044	AS-1054	AS-1354
Capacity: (Grains/Lbs. NaCl)	Maximum	18,900 @ 9.3	31,700 @ 15.9	53,300 @ 23.6	88,800 @ 39.7
	Medium	16,100 @ 6.1	26,100 @ 9.3	47,100 @ 15.9	78,500 @ 26.5
	Minimum	11,800 @ 3.2	22,000 @ 6.1	37,500 @ 9.3	62,400 @ 15.4
Efficiency (gr./lb.) @ lowest setting		3,700	3,600	4,000	4,000
Amount of Media (Cu. Ft.)		.85	1.0	1.5	2.5
Maximum Water Hardness (GPG)		50	75	100	100
Maximum Iron (PPM)		1.0	1.0	1.0	1.0
Minimum pH Required		7	7	7	7
Peak Flow Rate (GPM @ P-PSI)		10 @ 15.0	13 @ 15.0	11 @ 15.0	14 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		5 @ 6.0	7 @ 6.0	6 @ 6.0	7 @ 6.0
Water Pressure Range (PSI)		25-100	25-100	25-100	25-100
Water Temp. (°F)		33-100	33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"
Total Dimensions:	Media Tank	8"W x 52"H	10"W x 52"H	10"W x 62"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 40"H

<sup>1</sup> All AS units are factory set for Medium Salting.

<sup>2</sup> Iron removal may vary depending on form of iron, pH, and other local conditions.

<sup>3</sup> Unit not tested for capacity at these flow rates. Water quality may vary.

### FILTER SPECIFICATIONS

MODEL NUMBER	ASBF-1044AN	ASBF-1054AN	ASBF-1354AN	ASBF-1044C	ASBF-1054C	ASBF-1354C	ASAF-1044GS	ASAF-1054GS	ASAF-1354GS
Mineral cu. ft.	CALCITE or MIX 1.0	CALCITE or MIX 1.5	CALCITE or MIX 2.5	CARBON 1.0	CARBON 1.5	CARBON 2.5	MAZ 1.0	MAZ 1.5	MAZ 2.5
Gravel Amount Type	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	21 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	21 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	21 lb 1/4 x 1/8 7 lb. #20
Cont. Flow	5.0	5.0	6.0	5.0	5.0	6.0	4.0	4.0	6.0
Peak Flow	8.0	9.0	12.0	8.0	9.0	12.0	6.0	6.0	9.0
Backwash Flow GPM	5.0	5.0	7.0	5.0	5.0	7.0	5.0	5.0	7.0
Total Dimensions	10" W x 52"H	10" w x 62"H	13"W x 62"H	10"W x 52"H	10" w x 62"H	10"W x 62"H	10"W x 52"H <sup>1</sup>	10"W x 52"H <sup>1</sup>	13"W x 62"H
Shipping Weight Unit	Mineral 100 lb Unfilled 46 lb	Mineral 150 lb Unfilled 56 lb	Mineral 250 lb Unfilled 87 lb	75	90	160	168	190	Mineral 225 lb Unfilled 65 lb

<sup>1</sup> Potassium Feed Tank size

\* Greensand may be substituted for Maz as the oxidizing media.

Your local water treatment professional:

Manufactured By:

**WATER RIGHT®**  
QUALITY WATER SOLUTIONS

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Only AS Series Water Softeners are certified by Baumbach Labs

