



# AQUAVANA F3000-B2B & F3000-B2M 3 STAGE FILTRATION SYSTEMS

DRINKING WATER SYSTEMS



## FEATURES/BENEFITS

Mechanical assist design allows effortless click-in installation

Proprietary cartridge design exclusively for the water treatment professional

3/8" push fit plumbing connection for easy installation and high flow

Water supply valve includes shut off for ease of serviceability, fits multiple piping styles

Color coded cartridges maintains proper filter sequence

Reduces taste, odor, VOCs, MBTE

High power magnet mounted cover for ease of installation in tight places

Built-in check valve system provides multi-point backflow protection

NSF Certified for materials and performance

Optional remote cartridge timer provides visual filter replacement notification

Branded Pentair exclusively for the water treatment professional

Drinking water faucet included

Powdercoated mounting backplate

Dedicated meltblown 5 micron prefilter, for dirty water applications

## SPECIFICATIONS

Temperature Range:	40-100°F (4.4-37.8°C)
Pressure Range:	40-100 psi (2.75-6.89 bar)
Service Flow Rate @ 60 psi (4.1 bar):	
Model: F3000-B2B	0.6 gpm (2.27 L/min)
Model: F3000-B2M	0.6 gpm (2.27 L/min)
Rated Service Life:	
Model: F3000-B2B	675 gallons (2555 L)
Model: F3000-B2M	675 gallons (2555 L)
Dimensions:	12.5"H X 11.25"W X 5.25"D (317mm X 285mm X 133mm)
Weight:	
Model: F3000-B2B (system only)	6 lbs (2 kg)
Model: F3000-B2M (system only)	6 lbs (2 kg)

## SHIPPING SPECIFICATIONS

PART NUMBER	MODEL	DESCRIPTION	CARTON QTY.	CARTON DIMENSIONS INCHES (MILLIMETERS)
158840	Aquavana F3000-B2B	3 Stage Filter	1	16.25" L X 14" W X 7" D (413mm X 356mm X 178mm)
158854	Aquavana F3000-B2M	3 Stage Filter w/Timer	1	16.25" L X 14" W X 7" D (413mm X 356mm X 178mm)
655116-96	Aquavana F1S5-RC	Cartridge, Sediment 5 Micron	12	16.4" L X 12.4" W X 13" H (417mm X 315mm X 330mm)
655126-96	Aquavana F2B2-RC2	Cartridge Set, VOC	6	13.8" L X 10" W X 13.5" H (350mm X 254mm X 343mm)

PART NUMBER	MODEL	DESCRIPTION	PALLET QTY.	PALLET DIMENSIONS
158840/158854	Aquavana F3000-B2B/ F3000-B2M	Aquavana, 3 Stage Filter	30 Systems	42" L X 33" W X 40.4" H (1066mm X 838mm X 1026mm)
655116-96	Aquavana F1S5-RC	Aquavana, Cartridge, Sediment 5 Micron	288 Cartridges	45" L X 37" W X 45" H (1143mm X 838mm X 1143mm)
655126-96	Aquavana F2B2-RC2	Aquavana, Cartridge Set, VOC	198 Cartridges	41" L X 38" W X 46" H (1041mm X 965mm X 1168mm)

## PERFORMANCE

### F3000-B2B, F3000-B2M SYSTEMS INSTALLED WITH F2B2-RC2 FILTER CARTRIDGE SET AND F1S5-RC CARTRIDGE

This system has been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water exiting the system, as specified in NSF/ANSI 42 and 53.

Conforms to NSF/ANSI 53 for VOC reduction. See performance data sheet for individual contaminant and reduction performance.



The Model F3000-B2B and F3000-B2M are Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of substances specified on the Performance Data Sheet.

### Model F3000-B2B, F3000-B2M Systems

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
<b>Standard 42</b>					
Chlorine Taste & Odor	2.0 mg/L ± 10%		≥50%		95.9%
Particulates (0.5-1µM) Class 1*	At least 10,000 particulates/mL		>85%		97.9%
<b>Standard 53</b>					
Cysts**	Minimum 50,000/L		99.95%	99.97%	99.99%
Atrazine	0.009 mg/L ± 10%	0.003 mg/L		90.5%	93.7%
Lead (pH 6.5)	0.15 mg/L ± 10%	0.010 mg/L		99.3%	99.9%
Lead (pH 8.5)	0.15 mg/L ± 10%	0.010 mg/L		99.3%	99.6%
Lindane	0.002 mg/L ± 10%	0.0002 mg/L		94.8%	97.4%
Chloroform (VOC surrogate chemical)	0.300mg/L ± 10%			96.5%	98.8%

Flow Rate = 0.6 gpm (2.2 L/min); Capacity = 675 gallons (2555 L) or 12 months

Testing was performed under standard laboratory conditions, actual performance may vary.

\* Reduces particles as small as 0.5-1 micron in size by mechanical means

\*\* NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means.



### WATER QUALITY SYSTEMS

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