

F1000-DFB & F1000-B1B 1 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

Two models available; Basic taste and odor and chemical reduction

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

NSF Certified for materials and performance

Available with Diamond Flow technology or high end carbon block

Branded Pentair exclusively for the water treatment professional

Drinking water faucet included

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: F1000-DFB	0.75 gpm (2.83 L/min)
Model: F1000-B1B	0.6 gpm (2.27 L/min)
Rated Service Life:	
Model: F1000-DFB	750 gallons (2,839 L)
Model: F1000-B1B	750 gallons (2,839 L)
Dimensions:	12.25"H X 3.5"W X 4.8"D (311mm X 90mm X 122mm)
Weight:	
Model: F1000-DFB (system only)	1.6 lbs (0.72 kg)
Model: F1000-B1B (system only)	1.8 lbs (0.81 kg)

SHIPPING SPECIFICATIONS

PART NUMBER	MODEL	DESCRIPTION	CARTON QTY.	CARTON DIMENSIONS INCHES (MILLIMETERS)
158837	F1000-DFB	1 Stage Filter CTO	1	13.5" L X 7.9" W X 7" D (343mm X 201mm X 178mm)
158838	F1000-B1B	1 Stage Filter Plus	1	13.5" L X 7.9" W X 7" D (343mm X 201mm X 178mm)
655123-96	FDF1-RC	Cartridge, CTO Diamond Flow	12	16.4" L X 12.4" W X 13" H (417mm X 315mm X 330mm)
655120-96	F1B1-RC	Cartridge, Cyst, Block	12	16.4" L X 12.4" W X 13" H (417mm X 315mm X 330mm)

PART NUMBER	MODEL	DESCRIPTION	PALLET QTY.	PALLET DIMENSIONS
158837/158838	F1000-DFB/F1000-B1B	1 Stage Filter	75 Systems	45" L X 35" W X 40.5" H (1143mm X 889mm X 1029mm)
655123-96	FDF1-RC	Cartridge, CTO Diamond Flow	288 Cartridges	45" L X 37" W X 45" H (1143mm X 838mm X 1143mm)
655120-96	F1B1-RC	Cartridge, Cyst, Block	288 Cartridges	45" L X 37" W X 45" H (1143mm X 838mm X 1143mm)

PERFORMANCE

F1000-DFB SYSTEM INSTALLED WITH FDF1-RC FILTER CARTRIDGE

This system has been tested according to NSF/ANSI 42 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.

Model F1000-DFB

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42					
Chlorine Taste & Odor	2.0 mg/L \pm 10%		\geq 50%		88.8%

Flow Rate = 0.75 gpm (2.8 L/min); Capacity = 750 gallons (2839 L) or 12 months

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



The Model F1000-DFB is Tested and Certified by NSF International against NSF/ANSI Standard 42 for the reduction of substances specified on the Performance Data Sheet.

EPA EST. NO. 082989-CHN-001



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F1000-B1B SYSTEM INSTALLED WITH F1B1-RC FILTER 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.

Model F1000-B1B

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

Flow Rate = 0.6 gpm (2.2 L/min); Capacity = 750 gallons (2839 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.



The Model F1000-B1B is Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of substances specified on the Performance Data Sheet.