PENTAIR
WATER SOLUTIONS

TECHNICAL SHEET

PENTAIR FRESHPOINT

Drinking water filtration systems

NOW CERTIFIED TO THE NEW NSF/ANSI STANDARD FOR PFAS REDUCTION! PFAS

- Certified by IAPMO R&T to reduce up to 99.6% of Total PFAS
- 3 stage is the ideal solution for water impacted by heavy sediment
- 2 stage is the ideal solution for water impacted by low sediment

PENTAIR FRESHPOINT

Drinking water filtration systems

F1000-B1B

F3000-B2M

F2000-B2M

F2B2-RC

FEATURES

- **Temperature range:**
  - 4.4 - 37.8°C
- **Pressure range:**
  - 2.75 - 6.89 bar
- **Service flow rate at 4.1 bar:**
  - Model F1000-DFB: 2.83 Lpm
  - Other models: 2.27 Lpm
- **Rated service life:**
  - F1000: 2839 L
  - Other ranges: 2555 L
- **Dimensions (mm):**
  - F1000: 311H x 90L x 122D
  - F2000: 317H x 203L x 133D
  - F3000: 317H x 285L x 133D
- **Weight:**
  - F1000-DFB: 0.72 kg
  - F1000-B1B: 0.81 kg
  - Other models: 2 kg

TECHNICAL SPECIFICATIONS

Range	Model	Description	Filtration technology used	Problem solved
F1000	F1000-DFB	1 stage filter basic	Diamond flow (cartridge FDF1-RC)	CTO*
	F1000-B1B	1 stage filter plus	Carbon block (cartridge F1B1-RC)	CTO*, chemycals, cysts
F2000	F2000-B2B	2 stage filter	Carbon blocks (cartridge F2B1-RC & F2B2-RC)	CTO*, chemicals including, cysts
	F2000-B2M	2 stage filter with timer		
F3000	F3000-B2B	3 stage filter	Meltblown (cartridge F1S5-RC), carbon blocks (cartridges F2B1-RC &F2B2-RC)	High level of sediments, CTO*, chemicals including, cysts
	F3000-B2M	3 stage filter with timer		

***CTO** = Chlorine Taste and Odor*

PERFORMANCE CHARACTERISTICS MODEL F1000-DFB

Substance	Influent challenge concentration	Reduction requirements	Average reduction
Standard 42			
Chlorine taste & odor	2,0 mg/L ± 10 %	≥ 50 %	88.8 %

Note: *Flow rate = 2.8 Lpm; capacity = 2'839 L or 12 months*
Testing was performed under standard laboratory conditions, actual performance may vary.

Note: *This system has been tested according to NSF/ANSI 42 for reduction of the substances listed above. 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.*

NSF

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.

PERFORMANCE CHARACTERISTICS OTHER MODELS

Substance	Influent challenge concentration	Max. permissible product water concentration	Reduction requirements	Minimum reduction	Average reduction
Standard 42					
Chlorine taste & odor	2.0 mg/L ± 10 %	N/A	≥ 50 %	N/A	95.9 %
Particulates (0.5 - < 1 µm) class 1*	At least 10 000 particulates/mL	N/A	> 85 %	N/A	97.9 %
Standard 53					
Cysts**	Minimum 50'000/L	N/A	99.95 %	99.97 %	99.99 %
Atrazine	0.009 mg/L ± 10 %	0.003 mg/L	N/A	90.5 %	93.7 %
Lead (pH 6.5)	0.15 mg/L ± 10 %	0.010 mg/L	N/A	99.3 %	99.9 %
Lead (pH 8.5)	0.15 mg/L ± 10 %	0.010 mg/L	N/A	99.3 %	99.6 %
Lindane	0.002 mg/L ± 10 %	0.0002 mg/L	N/A	94.8 %	97.4 %

Note:
Model : F1000-B1B: flow rate = 2,2 Lpm; capacity = 2'839 L or 12 months
Model : F2000-B2B/F2000-B2M: flow rate = 2,2 Lpm; capacity = 2'555 L or 12 months
Model : F3000-B2B/F3000-B2M: flow rate = 2,2 Lpm; capacity = 2'555 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.*

Note: *systems have been tested according to NSF/ANSI 42 and 53 for reduction of the substances listed above. The concentration of the indicated substances in water entering systems was reduced to a concentration less than or equal to the permissible limit for water exiting systems, as specified in NSF/ANSI 42 and 53.*

NSF

The model F1000-DFB 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.

UPC

The models F2000 and F3000 are certified by IAPMO R&T against NSF/ANSI 53 for the reduction of Total PFAS.**

***The test mixture for Total PFAS is made up of PFOA (500 ppt), PFOS (1,000 ppt), PFHxS (300 ppt), PFNA (50 ppt), PFHpA (40 ppt), PFBS (260 ppt), and PFDA (10 ppt). This system meets the 20 ppt requirement for Total PFAS.*

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