



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

PFAS

# PENTAIR FRESHPOINT

## FILTRATION PLATFORM

Undersink drinking water systems

Solutions designed to improve your water

# HOW CONTAMINANTS GET INTO OUR WATER

Most of drinking water supplies in Europe are safe thanks to the efforts of municipal water works professionals. However, water can become contaminated during its journey from the treatment plant to home.

## IMPURITIES BY INDUSTRY

Chemicals dumped onto or pumped into the ground can easily get into our water supply. Those are for instance industrial waste sites, municipal landfills, ruptured underground gasoline storage tanks or agricultural pesticides.



## IMPURITIES BY ANIMAL WASTE

Pathogens, disease-causing bacteria and viruses associated with animal waste, can make water unsafe for human use. If those are found in the water, shellfish beds may be closed to harvest, beaches closed to swimming and drinking water supplies require expensive filtration or disinfection.



## IMPURITIES IN THE DISTRIBUTION SYSTEM

Lead and asbestos cement pipes, still prevalent in municipal water distribution systems, can allow harmful substances to leach into water.



## IMPURITIES IN THE HOME

Water can become contaminated right at home. Some older homes may still have lead pipes or plumbing systems that use lead-based solder to join copper pipes. Both can allow lead to leach into drinking water.



Freshpoint undersink drinking water systems  
(including faucet)

# FILTER SELECTION FOR CONTAMINANTS



F1000-DFB 1 stage filter basic      F1000-B1B 1 stage filter plus      F2000-B2B 2 stage filter      F2000-B2M 2 stage filter with timer\*      F3000-B2B 3 stage filter      F3000-B2M 3 stage filter with timer\*

		CTO	CTO, chemicals & cysts	CTO, chemicals including VOC's & cysts		High level of sediments, CTO, chemicals including VOC's & cysts	
Certifications	NSF 42	•	•	•	•	•	•
	NSF 53		•	•	•	•	•
Contaminant reduction	Fine sediment	•	•	•	•	•	•
	Taste & odor	•	•	•	•	•	•
	Chlorine	•	•	•	•	•	•
	Lead		•	•	•	•	•
	Cyst		•	•	•	•	•
	Atrazine		•	•	•	•	•
	Lindane		•	•	•	•	•
	<b>Total PFAS</b>			•	•	•	•
High turbidity water					•	•	
Product information	Timer included				•		•
	Replacement cartridge	FDF1-RC	F1B1-RC	F2B1-RC & F2B2-RC	F2B1-RC & F2B2-RC	F1S5-RC, F2B1-RC & F2B2-RC	F1S5-RC, F2B1-RC & F2B2-RC
	Filtration technology	Diamond flow	Carbon block	Carbon block	Carbon block	Meltblown & carbon block	Meltblown & carbon block
Product specifications	Temperature range (°C)			4,4 - 37,8			
	Pressure range (bar)			2,75 - 6,89			
	Freshpoint filtration systems	2839 / 1890		2555 / 1700			
	Flow rate @ 4,1 bar (L/min)	2.83		2.27			

\*Timer supplied without battery



## AESTHETIC ISSUES

Unwanted discoloration, tastes and odors, vary by tap and are influenced by personal preferences. For example, a slight chlorine taste might be preferred by some, while others wouldn't consider drinking it. Freshpoint filtration systems will take care of below aesthetic issues:

### Chlorine / CTO (Chlorine Taste and Odor):

by far the most common aesthetic complaint. It is commonly used by municipalities to disinfect the water supply, often causing poor tasting and smelling water.

### Fine sediment / high turbidity water:

suspended particles of dirt in water make water appear cloudy. These particles range from larger pieces to invisible particles that can make water hazy. Those can build up and eventually clog water-using appliances, such as ice makers, causing them to break down.



## HEALTH ISSUES

The presence of contaminants in water can lead to adverse health effects. Freshpoint filtration systems are NSF certified to remove below contaminants, except model F1000-DFB:

**Lead:** a heavy metal strongly regulated. Lead poisoning can cause neurological deficiencies and birth defects.

**Cysts:** Giardia, Entameoba and Cryptosporidium are parasites that cause cramps, vomiting and

diarrhea. Chlorine will not reliably kill these organisms as they are encased in a hard, protective shell. Cysts can cause infectious diseases such as typhoid fever or hepatitis.

**Atrazine:** banned in the EU in 2004, it is still one of the most widely used

herbicides in US and Australian agriculture. Studies suggest it can alter the hormonal system.

**Lindane:** chemical element used as an agricultural insecticide. It can affect the nervous system, liver and kidneys, and may well be a carcinogen.

A fresh take on filtration

# FRESHPOINT DRINKING WATER SYSTEMS

**HIGH POWER MAGNET MOUNTED COVER**  
For ease of installation

**MAGNETIC CARTRIDGE TIMER\***  
Signals filter replacement

**UNIQUE MECHANICAL ASSIST DESIGN**  
Effortless click-in installation

**COLOR CODED CARTRIDGES**  
Maintains proper filter sequence

**3/8" PUSH FIT CONNECTION**  
Easy installation and high flow

**BUILT-IN CHECK VALVE SYSTEM**  
Providing multi-point backflow protection

**WATER SUPPLY VALVE**  
Shut off for ease of serviceability.  
Fits multiple piping styles

**DOUBLE O-RING DESIGN**  
For optimal cartridge sealing



**EVERYTHING YOU NEED**  
Pentair Drinking Water Systems provide one, two, and three stage solutions to address your drinking water needs.



**TRUSTED TECHNOLOGY**  
For more than 40 years, Pentair has been the quality choice for water treatment. The Pentair Drinking Water Systems' unique encapsulated cartridge technology prevents contaminants from entering your water.



**LEAD REDUCTION**  
Safeguard your family from harmful contaminants like lead. *All systems are NSF Certified to reduce lead except model F1000-DFB.*



**TOTAL PFAS**  
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.

\*Timer supplied without battery



Where to buy?

Space reserved for the stamp of your local distributor



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