



# Point of Entry Water Filtration Guide



**Filtrine offers high quality, eco-friendly water filtration systems that meet NSF/ANSI standards 42 or 53 to remove lead, pathogens, chlorine taste, organic odors and particles down to 0.5 microns**



FILTRINE IS ISO 9001:2015 CERTIFIED  
PRODUCT LINE  APPROVED  MARK AVAILABLE



# The Components of the Filtrine Point of Entry Water Filtration System

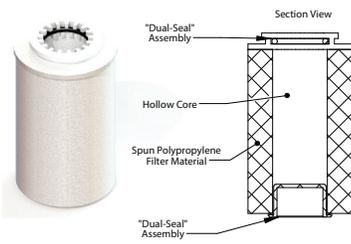


## Water Filters, Purifiers and Optional UV Sterilizers

Filtration starts with Filtrine's spun-poly particulate filters. Then the 0.5 micron biodegradable carbon block purifier removes lead and water-borne pathogens. The elements are contained in a stainless steel housing (shown on left) and feature an easy-to-change "dual-seal" design ensuring first day effectiveness for the life of the element. The optional UV sterilizer eliminates disease-causing micro-organisms without the use of chemicals.

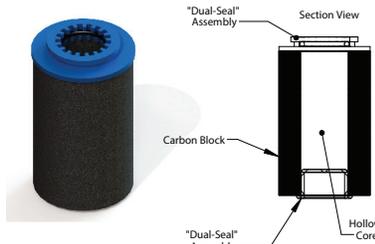
### STAGE ONE: PRE-FILTRATION

#### Particulate Spun-Poly Element (Model PF)



### STAGE TWO: PURIFICATION

#### Taste Master® Purifier (Model TMS)

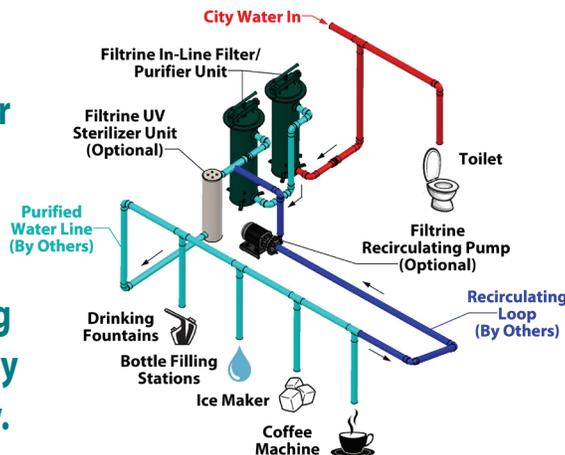


### STAGE THREE: STERILIZATION (OPTIONAL)

#### Steri Flo® UV Sterilizer (Model SF)



Serve clean filtered water to multiple outlets throughout your building from your city water supply.



### POINT OF ENTRY MODEL IL-PFTM SPECIFICATIONS\*\*

MODEL NUMBER	FLOW GPM	DIMENSIONS - INCHES*			IN/OUT CONN INCHES
		W	D	H	
IL25-PFTM-0.5	25	36	28	47	1 1/2
IL45-PFTM-0.5	45	56	28	47	2
IL90-PFTM-0.5	90	56	28	66	3

Electrical: 115-120/60/1 (other electrical available, consult factory) Pressure drop across PF/TMS/TM at rated flow is approximately 10 psi when new.

\*Dimensions for typical unit.

\*\*Note that dimensions do not include optional UV sterilizer.

### Filtrine Project Profile: Baltimore Schools Are No Longer Using Bottled Water Saving Money & Storage

**Challenge:** The Baltimore City Public Schools (BCPS) contracted to have Filtrine's point of entry purifiers with UV sterilization and lead removal filters serve fresh clean water to drinking fountains and kitchen facilities for a six school renovation project. They were able to reduce the number of bottled water trucks delivering 5 gallon blue bottles, saving money for the city.

**Filtrine Solution:** Each school has its own requirements but all units were designed for lead removal. The engineers also took advantage of the breadth of Filtrine purification model sizes and built each system for the capacities needed. Filtrine added various options such as a differential pressure switch (DPS), a light for monitoring filter change, a dry contact for remote alarm connection and integration with a building management system (BMS). Filtrine offered a two year service contract which includes labor and materials to monitor and maintain operations such as the replacement of elements.

### Filtrine Manufacturing Company

15 Kit Street • Keene, NH 03431 USA • Tel: 603-352-5500 • Fax: 603-352-0330