

# SAWYER®

## Sawyer 10" Water Filters

Get clean water for your Home, School, Hospital, Office Building, etc. with up to 200,000 liters of clean water per day!

### WATER TREATMENT SYSTEM

10" FILTER WITH PVC KIT AND BACKWASH SYSTEM



FILTERS UP TO 200,000 LITERS PER DAY  
\*DEPENDING ON WATER PRESSURE AND QUALITY.

REMOVES ALL HARMFUL BACTERIA, PROTOZOA, AND CYSTS BEFORE THEY REACH YOUR FAUCET  
ALLOWING YOU TO USE YOUR FAUCET FOR DRINKING, COOKING, CLEANING, AND MORE.

These systems remove harmful contaminants before they reach your faucet. Now you can confidently use your faucet water for drinking, cooking, cleaning and more!

# 10" FILTER MODELS



**PointOne 10" Filter Unit and Regulator [SP201]**

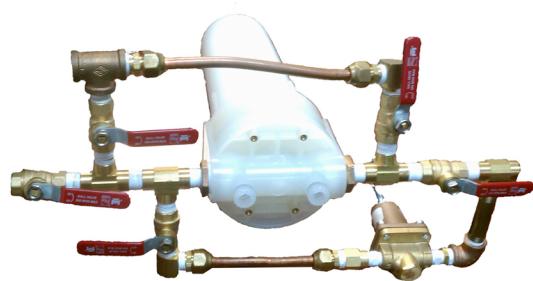
This unit is easily attached to your indoor plumbing.



**PointOne 10" Filter Kit with PVC Back-Wash System [SP202]**

This unit is easily attached to your indoor plumbing and it comes with an efficient PVC back-washing system.

\*Shipped in knock down form.



**PointOne 10" Filter Kit with Copper & Brass Back-Wash System [SP203]**

This high quality and durable unit is easily attached to your indoor plumbing and it comes with an efficient copper and brass tube back-washing system.

\*Shipped in knock down form.

## HOW THE TECHNOLOGY WORKS

Sawyer water filters use Hollow Fiber Membranes, a technology developed for kidney dialysis. Our filters are comprised of tiny "U" shaped micro tubes that allow water to enter into their cores through tiny micro pores. The PointONE Filter'sTM pores are so small (0.1 micron absolute) that no harmful bacteria including those which cause Cholera, Typhoid and E.Coli, porotozoa, or cysts can get through.

The filter attains the highest level of filtration available today exceeding US EPA standards for drinking water.

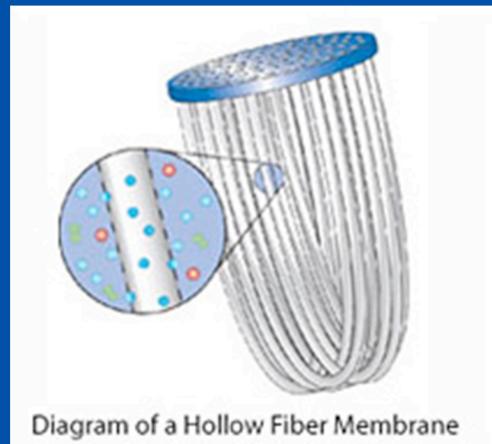


Diagram of a Hollow Fiber Membrane

# Frequently Asked Questions (FAQ's)

**1) What is the minimum and maximum head pressure for the 10" filters?**

Mimum head pressure is 2 PSI (this will be a very slow flow rate) and maximum is 60 PSI.

**2) What is the maximum water temperature the SP202 can operate?**

140 degrees Farenheit

**3) It is safe to use if the water is contaminated with chemicals or heavy metals?**

Yes, but the 10" filters will not remove the chemicals or heavy metals.

**4) How do you place the 10" filter under the sink cabinet? Is it installed like a Reverse Osmosis filter or U.V. filter?**

If you are not sure how to install the 10" filter, you need to contact a licensed plumber.

**5) Would you recommend installing a carbon filter with the SP202 to help with taste?**

No, installing a carbon filter will slow down the flow rate.

**6) Once used, can you take the SP202 apart and replace the core?**

Yes.

**7) Is the regulator pre-set? What happens if you change the regulator?**

Yes, the regulator is pre-set. If you change the regulator, it will not clean as well.

**8) What does "open head pressure" mean?**

Open head pressure means the amount of pressure coming to the filter.

**9) How often should 10" filters be backflushed?**

The frequency of backflushing depends on the quality of the water. The more particulate and turbidity that is present in the water, the more frequent the unit will need to be backflushed. When the flow rate starts to diminish, it is time to backflush.

**10) If you are filtering hard water, will the 10" filter work with a water softener and a carbon filter?**

Yes, but the flow rate will be slower.

**11) What is the life expectancy for the SP202?**

If the SP202 is well maintained, it should last 10+ years.

**12) Can the SP202 work with a gravity feed water system? How does this affect pressure and backflush process?**

Yes, it can work with a gravity feed system. This will cause about a one PSI drop across the filter. The unit will still be backflushed in the same way.

**13) What happens if there is a loss of pressure for several days? Does this hurt the filter to have dirty water sitting in the filter? Should it be drained?**

No, this will not hurt the filter and it does not need to be drained.

**14) Should the SP202 be installed in a cool place? Can it be exposed to sunlight?**

You should avoid installing the SP202 in direct sunlight as over time it will break down the plastic housing.

**15) What is the purpose of the knobs of the filter casing (two on top and one on bottom)?**

The purpose of the knobs is to let air out. During the initial filling, you will unscrew the top knob and allow air to escape until water comes out.

**16) How much water can be filtered per day?**

The output depends on the quality of the water and the open head pressure. The 10" filter can filter up to 200,000 liters per day with maximum pressure and optimal water quality.

**17) Is there a large drop in water pressure if the water comes from a ½ inch pipe and then goes into the 1 ½ inch PVC pipe, or will the size not make a difference?**

The size will not make a difference, the condition of the filter will.

**18) What additional pre-filter do you recommend attaching to the SP202 if the water is very turbid or has a lot of particulate?**

None.

# 10" FILTERS IN THE FIELD



## Togo, Africa

Installation of SP202's in a Refugee Center at Avedji, Togo.

"Since the installation of these filters, everyone on the site uses the filtered water for drinking." - Kaba Fast



## Medellin, Colombia

"Before I was introduced to the SP202 we had no safe water to drink, cook, or clean at our home in the rural area of Medellin, Colombia. At first I was skeptical about what the filter could do. Now, over a year after installing it, I could not see myself without it. I want to thank the Sawyer family for this great product. I recommend it 100%." - Dr. Julian Cadavid



## Antigua, Guatemala

"Our elementary school is one of the only public schools in Guatemala that has filtered water. Absolutely amazing. We tried other water filters but nothing really stood up to the Sawyer." - George Sisnero

## CONTACT US

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