How to Use BSF Instructions

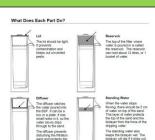






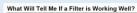


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SilicaSolar

Shaffaf Bani is a project of Silica Solar Waterloo, Canada www.silicasolar.com



There are 8 points that can tell you if a filter is treating water well. They are called the 8 Key Filter Performance Points. If these 8 points are met, you can be confident that the filter is removing most microbiological contaminants.

1 The filter was installed more than 30 days ago. It takes 30 days for the biolaye grow and be working well.











3. How to clean the filter

The users must know how to clean the filter. There are 2 ways they must clean the filter

1. Wash the diffuser, lid, and the outside of the outlet tube.

2. Whenever the flow rate gets too slow, they should do a Swirl and Dump to make the florate faster again.

Cleaning the parts of the filter





It is also good to wash the lid. If the family stores anything on top of the lid, it should be clean. Also, it will look nicer if it is clean.

- Once a week, wash the diffuser and lid in soapy water. Then rinse them in clear water.



It is important to keep the outlet tube clean. Sometimes the outside of the tube can get dirty. This may make the drinking water dirty again. This is one reason the water should be disinfected after being filtered.



The user should <u>NEVER</u> put chlorine inside the outlet tube or into the top of the filter!

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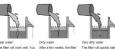
How the Biosand Filter Operates





Some oxygen from the air diffuses through the standing water to the biolayer during the pause period.

What Kind of Water Can I Use?



If you have dirty water, settle the dirt out of the water by letting it sit in a bucket for a few hours before pouring it into the BSF.

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