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GENIUS CLEAR WATER SYSTEMS

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Featuring WaterShield<sup>®</sup> products for clean and safe water

# Installation manual & guidelines

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## Technical data

### Watershield Ceramic filters

Max operating pressure:	10 bar / 145 PSI
Minimum operating pressure:	1.5 bar / 22 PSI
Max. capacity*	33,000 liters** / 8,700 gallon**
Max. operating temperature:	100 °C / 212 °F
Connection:	(BSP) G 1/2" external thread

\* *Maximum capacity can vary depending of initial water quality.*

\*\* *When used with a strainer*

Watershield Ceramic filter elements and showerheads are resistant against Chlorine and many other chemical elements.

Only use a soft sponge for cleaning.

Our ceramic filter elements are tested for many contaminants, chemical elements, heavy metals, microorganisms and bacteria.

For a complete test report, please visit our website: [www.geniusclearwater.com](http://www.geniusclearwater.com)

### Watershield strainer

Max operating pressure:	10 bar / 145 PSI
Minimum operating pressure:	1.5 bar / 22 PSI
Max. capacity*	7,500 liters / 1,950 gallon
Max. operating temperature:	100 °C / 212 °F
Connection input:	(BSP) G 1/2" external thread
Connection output:	(BSP) G 1/2" internal thread

\* *Maximum capacity can vary depending of initial water quality.*

## Installation guidelines

Please see figure 1 - figure 11.

### **Figure 1, 2 & 3 - installing a strainer:**

- Always pay attention to direction of flow.
- While showerheads are available in white or chrome, strainers are only available in white.
- Please note that a strainer is not mandatory, but highly recommended for maximum lifetime of ceramic filter elements.
- Figures shown are examples of different applications.
- When a decrease in water flow is noticeable, the filter element is saturated and needs to be replaced.

### **Figure 5, 6 & 7 - installing a in-line filter element:**

- Always pay attention to direction of flow.
- Always make sure that main water supply is closed before (re)placing filter element(s).
- In-line filters are available in white or chrome.
- Place in-line filter according to figure 5&6 in cold water supply only or both in cold and warm water supply as desired (2 in-line filters required).
- When a decrease in water flow is noticeable, the filter element is saturated and needs to be replaced.

### **Figure 8 - installing a showerhead assembly:**

- Showerhead assembly, available in white or chrome.
- When a decrease in water flow is noticeable, the filter element is saturated and needs to be replaced.
- When used conjunction with a strainer, always replace the strainer when replacing the filter element.

### **Figure 9, 10 & 11 - installing a in-line filter with strainer**

- Always pay attention to direction of flow.
- Always make sure that main water supply is closed before (re)placing filter element(s) or strainer.
- In-line filters are available in white or chrome; strainer only available in white.
- When a decrease in water flow is noticeable, the filter element is saturated and needs to be replaced.
- Always replace the strainer when replacing the filter element.
- Please note that total length of assembly is ca. 35 cm (14 inches).
- Place in-line filter according to figure 11 in cold water supply only or both in cold and warm water supply as desired (2 in-line filters and 2 strainers required).

When in doubt, please ask you local plumbing professional to (re)place your Watershield filter elements!

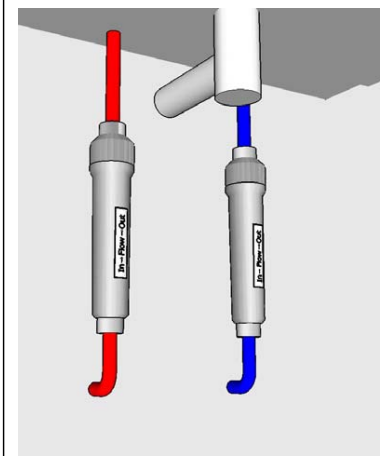
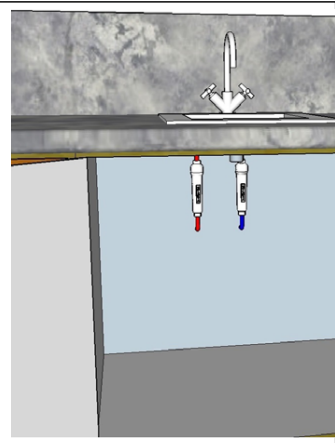
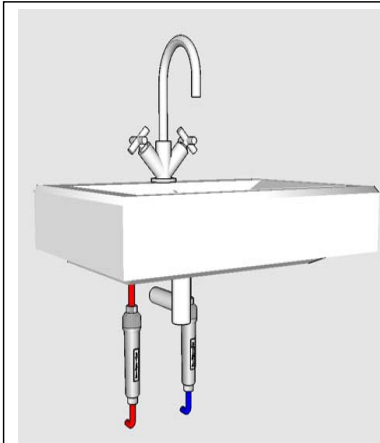


Fig: 5.

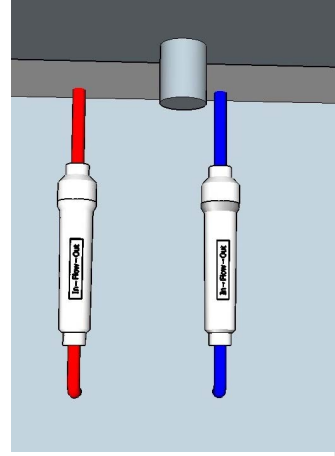


Fig: 6.

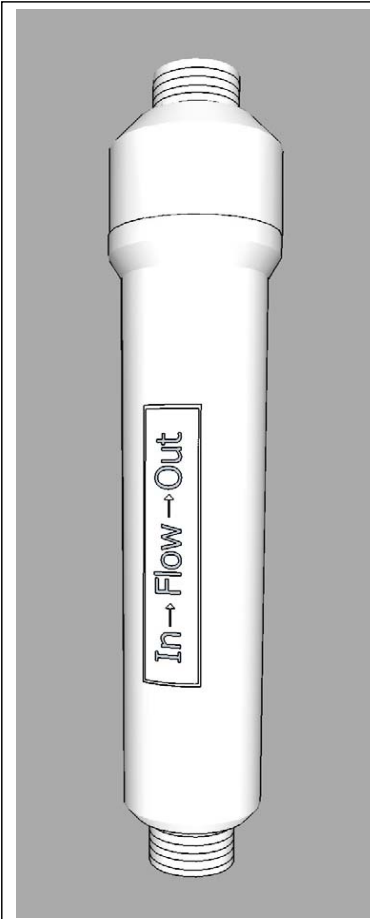


Fig: 7.

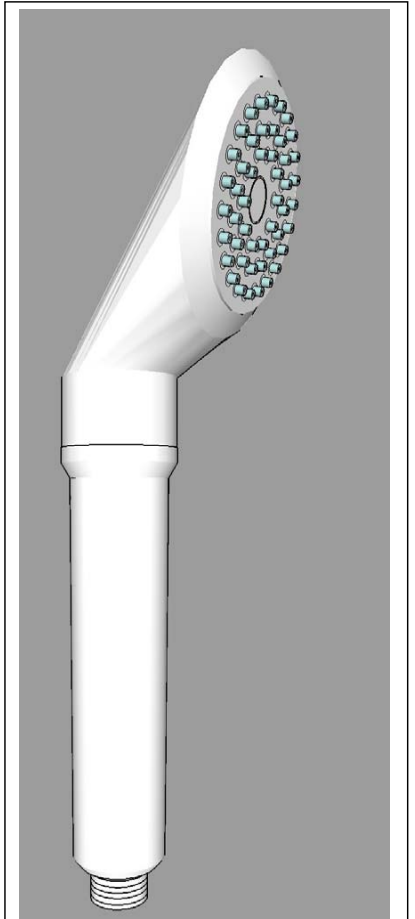


Fig: 8.

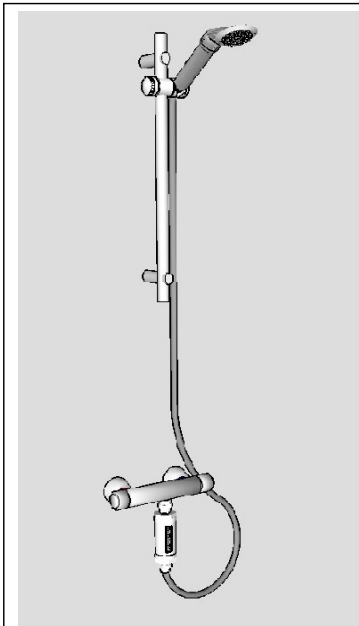


Fig: 1.

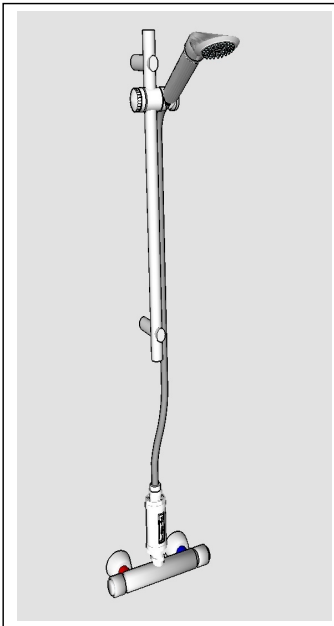


Fig: 2.

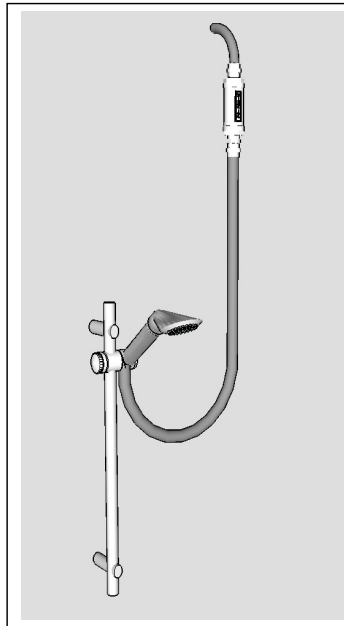


Fig: 3.

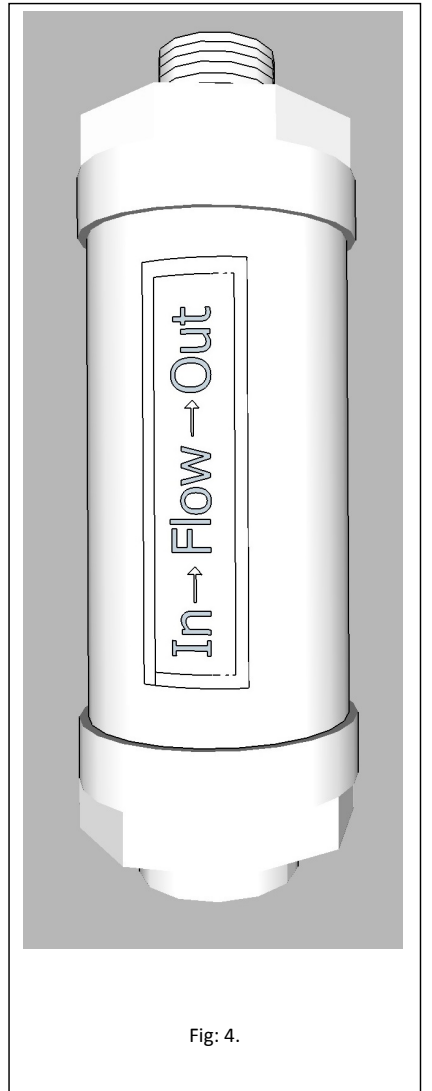
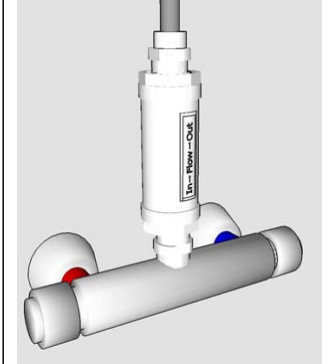
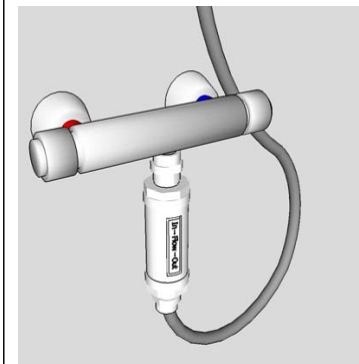


Fig: 4.

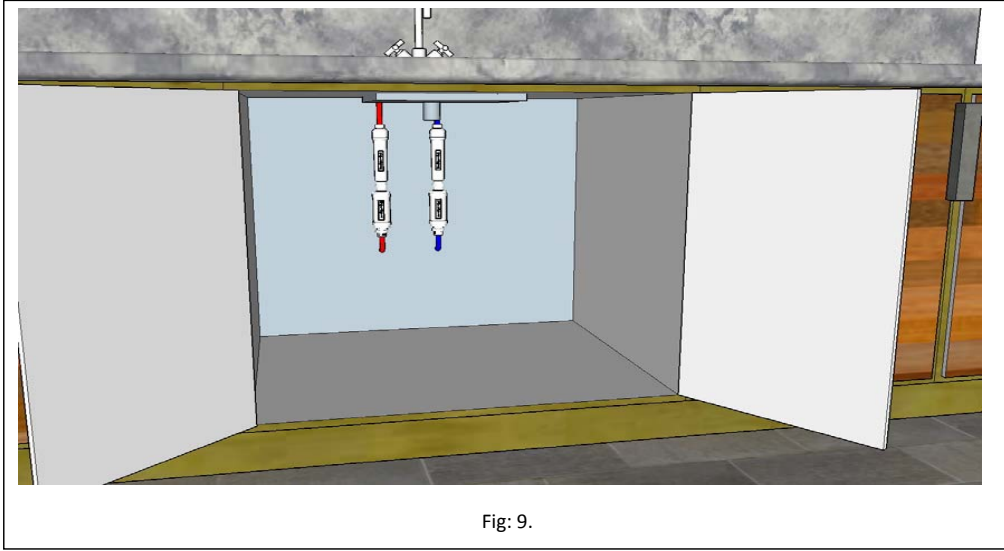


Fig: 9.

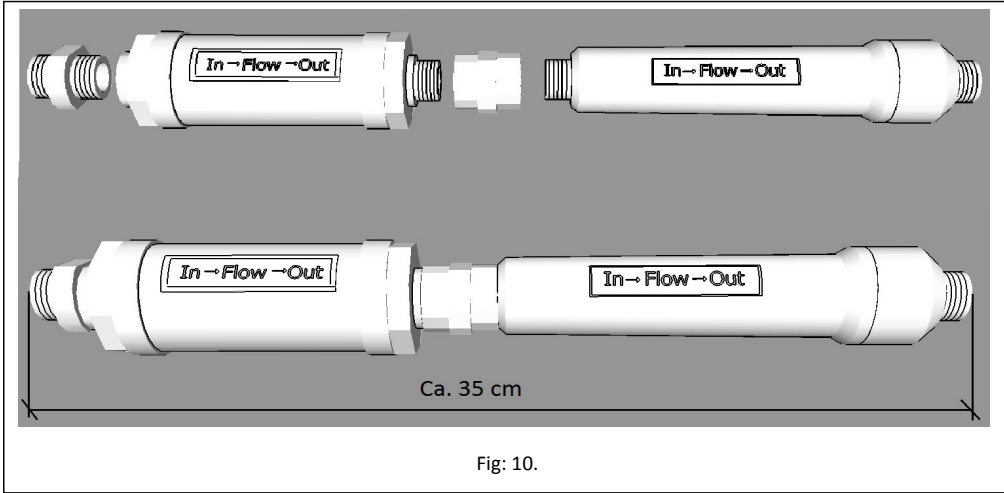


Fig: 10.

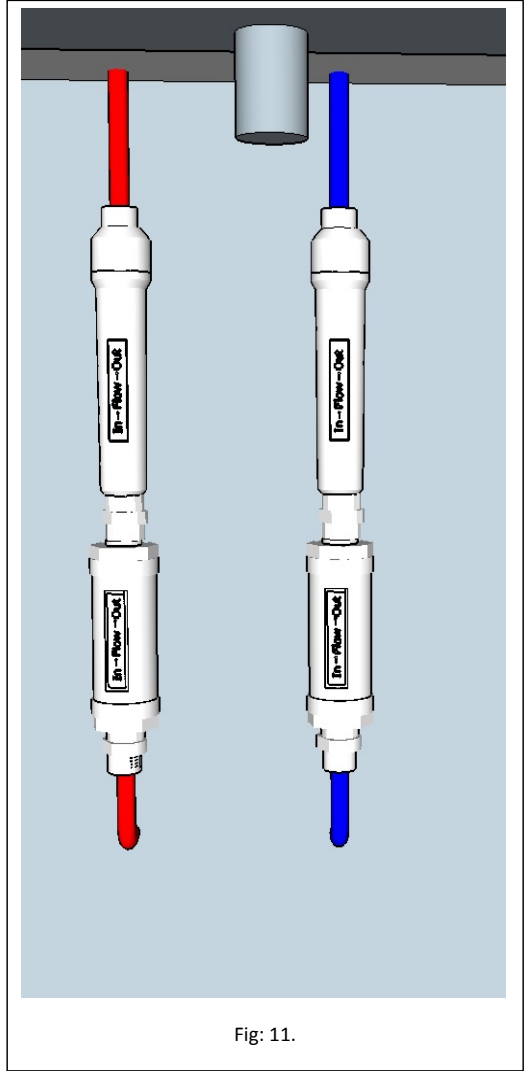


Fig: 11.