



Canadian Manufacturer

## EXCALIBUR - FILTERMAX™ NEUTRALIZING FILTERS



Quality through innovation





## **What Is Acidic Water?**

Acidic water is any water with a PH below 7.0, as 7.0-7.5 is considered neutral. Since water dissolves more substances than other liquids, it is particularly vulnerable to contamination; meaning the water's PH can easily become unbalanced by both natural and man-made factors. When humans burn fossil fuels for example, sulphur dioxide and nitrogen oxides are released into the atmosphere. These air pollutants mix with water and other materials before falling to the ground in the form of acid rain, which lowers the PH of the water sources it falls on.



## Is Low PH Water Dangerous?

Low PH water is not considered a health concern, but it can create problems around your home. Since acidic water is corrosive, it can damage your plumbing system by creating pin hole leaks in your pipes, leading to water damage. Acidic water also presents aesthetic issues, as it can cause blue/green stains on your plumbing fixtures, bathtub, toilet bowl, and sink. The Filtermax™ Neutralizing Filters raise your water's PH levels back to neutral, eliminating problems in your home caused by acidic water.

## How Is Water Neutralized?

The Filtermax™ Neutralizing Filters remove acidity from your water supply with highly efficient calcite filter media. Calcite is a naturally occurring calcium carbonate media that corrects pH only enough to reach a non-corrosive equilibrium. As water enters the system, it's filtered downward through the filter media, which dissolves in the water upon contact. The dissolved calcium carbonate raises the pH of the water, reducing the potential leaching of copper, lead and other metals found in typical plumbing systems. Since calcite is self-sacrificing, it will need to be replenished on an annual basis.





## Recommended Additional Filtration Systems

Whether your home/cottage uses lake, well, or municipal water, it is recommended that your water be tested to see if any additional filtration systems should be used to give you the highest quality water. For example, you may require a Water Softener to remove hardness, an Ultraviolet System to remove bacteria, or an Iron Filter to remove iron, manganese, and hydrogen sulphide.

## Choose Excalibur

Balance your water's PH and avoid negative effects of having acidic water in your home such as pipe corrosion and staining with a Filtermax™ Neutralizing Filter from Excalibur Water Systems.



This Calcium Carbonate XO White filter media is manufactured by Imerys Marble Inc. Tested and Certified by NSF International against NSF/ANSI Standard 60 for material requirements only.





## Filtermax™ Premium Neutralizing Filter

Acidic water causes low PH, damaging household plumbing systems and leaving blue/green stains on your plumbing fixtures. Excalibur Water Systems can eliminate low PH problems such as pin hole leaks due to corrosion of pipes, fittings, and plumbing fixtures while simultaneously preventing staining of fixtures with the Filtermax™ Premium Neutralizing Filter from Excalibur Water Systems.



Raises PH from 5.5 to neutral  
eliminating acidic water



Chemical free system



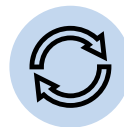
Low voltage 12 VAC utilizing  
less than \$3/year in electricity



High flow control valve to satisfy  
all household demands



Neutralizing media to be  
replenished annually



Electronic timer for  
automatic regeneration

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTPPH1	8	40-110	40-110	10" x 18" x 56"
EWS BTPPH1.5	10	40-110	40-110	11" x 18" x 62"
EWS BTPPH2	12	40-110	40-110	13" x 18" x 60"



## Filtermax™ Superior Neutralizing Filter

Acidic water causes low PH, damaging household plumbing systems and leaving blue/green stains on your plumbing fixtures. Excalibur Water Systems can eliminate low PH problems such as pin hole leaks due to corrosion of pipes, fittings, and plumbing fixtures while simultaneously preventing staining of fixtures with the Filtermax™ Superior Neutralizing Filter from Excalibur Water Systems.



Raises PH from 5.5 to neutral  
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Chemical free system



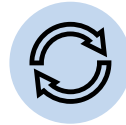
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Electronic timer for  
automatic regeneration

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTSPH1	8	40-110	40-110	10" x 18" x 56"
EWS BTSPH1.5	10	40-110	40-110	11" x 18" x 62"
EWS BTSPH2	12	40-110	40-110	13" x 18" x 60"



## Filtermax™ Value Neutralizing Filter

Acidic water causes low PH, damaging household plumbing systems and leaving blue/green stains on your plumbing fixtures. Excalibur Water Systems can eliminate low PH problems such as pin hole leaks due to corrosion of pipes, fittings, and plumbing fixtures while simultaneously preventing staining of fixtures with the Filtermax™ Value Neutralizing Filter from Excalibur Water Systems.



Raises PH from 5.5 to neutral  
eliminating acidic water



Chemical free system



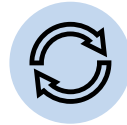
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automatic regeneration

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTPH1	8	40-110	40-110	10" x 18" x 56"
EWS BTPH1.5	10	40-110	40-110	11" x 18" x 62"
EWS BTPH2	12	40-110	40-110	13" x 18" x 60"



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