



Canadian Manufacturer

# EXCALIBUR - SULPHUR/IRON FILTERS



Quality through innovation





## What Is Iron?

Iron is the most abundant heavy metal and the fourth most abundant element in the earth's crust. It makes up 5% of the earth's crust. However, there are also other varied places where iron occurs naturally. It is generally present in the atmosphere due to emissions from thermal power plants, the steel and iron industry, and incineration.

Iron is found in nearly all water supplies. It is commonly found in groundwater and directly results from its natural existence in underground rock formations or aquifers. It is the most common dissolved heavy metal found in groundwater and wells. Found in the surface water of lakes and ponds, iron is soluble and comes from rainwater, melting snow, and atmospheric emissions.

The two most typical types of iron found in water are ferrous and ferric. Fortunately, they can generally be removed with conventional water treatment methods.



## CHOOSE IRON & SULPHUR-FREE

**Laundry:** Washing laundry in stain-free water has proven more effective than doing laundry in water that has Iron content and sulphur (the rotten egg smell). No matter the amount of laundry soap or detergent used, it will not remove the constant Iron staining or sulphur (the rotten egg smell) from your water. Clothing that has continuous Iron staining may cause fiber deterioration, wearing out at a faster rate, nothing looks really clean, and nothing is clean. Laundry washed in Excalibur Water Systems stain-free water will be brighter, cleaner, and last longer

**Dishwashing:** Here too the stain free water makes dishes and glassware shine eliminating etching, staining and sulphur (the rotten egg smell) from your water supply. When using stain free water your glassware and dishes look clean, smell clean and last longer.

**Housecleaning:** Stain free water cuts the time required to do house cleaning in half. Stain free water only requires a quick once over in cleaning sinks, bath tubs, shower tiles and plumbing fixtures as no more Iron staining and sulphur (the rotten egg smell) will be present. Plumbing & Appliances Iron staining and sulphur (the rotten egg smell) has an adverse effect on appliances and plumbing systems that can cause deterioration and wear in dishwashers, hot water tanks and washing machines caused by Iron and sulphur (the rotten smell) buildup that will shorten the life span of your appliances.

## Choose Excalibur

With several iron removal methods available, choosing the treatment that will effectively eliminate iron and its many unwanted and undesirable issues is essential. The right iron removal system will deliver years of safe, clean, and pure water for your family and throughout your household.

Have your water professionally tested, and let the experienced water experts at Excalibur Water Systems recommend and design your perfect ZENTEC® Iron Filtration System.

***Contact Excalibur Water Systems today for a free water test!***





## Is Iron Harmful?

Generally, drinking water that contains iron does not harm the body. However, long periods of drinking tap or well water with high iron levels may lead to possible stomach, heart, liver, or kidney issues. The water takes on a metallic taste which may produce diarrhea or nausea.

Eliminating or controlling moderate to high levels of iron is extremely important to ensure your water is the safest and cleanest it can be.

## How Is Iron Removed?

The Air Capsulate Iron Filtration System is exceptional at removing both ferrous (clear) and ferric (red) iron. The pressurized air is injected; it oxidizes the ferrous iron and converts it into red water or ferric iron precipitate particles. The particles are removed through a specialized media bed and rinsed away in the systems' regeneration process.

The Excalibur ZENTEC® Iron Filtration System offers high-quality, low-maintenance iron removal, providing peace of mind for clean, clear water backed by a worry-free warranty.

If you have Iron & Sulphur bacteria, you will need ozone disinfection. Learn more about our **Ozone Disinfection** systems here:





## Premium Zentec® Hybrid Capsulate Chemical-Free Iron, Sulphur, and Manganese Filter

Premium Chemical-Free Zentec® Capsulate Iron, Sulphur, and Manganese filtration for iron, sulphur (often referred to as that “rotten egg smell”), and manganese for well water applications. No chemicals, safe for septic beds, inexpensive operation uses air injection with our Zentec® Hybrid specialty removal media blend for clean filtered water.



Iron, manganese and sulphur removed up to 8.0 ppm



Includes air injection system



Chemical-free system



Quiet operation



Uses less than \$3.00 per year to operate 12 volt



Adjustable time cycles for best results

**20 YEAR  
UNLIMITED  
WARRANTY**



**Air Blocker**  
The air blocker holds water in special chambers, stopping air from reaching the control valve and helping prevent rust buildup. This helps the system last longer.

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTPZC075	8 GPM	40-110	40-110	9 x 17 x 57"
EWS BTPZC1	12 GPM	40-110	40-110	10 x 17 x 62"
EWS BTPZC1.5	16 GPM	40-110	40-110	12 x 20 x 60"



## Superior Zentec® Hybrid Capsulate Chemical-Free Iron, Sulphur, and Manganese Filter

Superior Chemical-Free Zentec® Capsulate Iron, Sulphur, and Manganese Filtration for iron, sulphur (often referred to as that “rotten egg smell”), and manganese for well water applications. No chemicals, safe for septic beds, inexpensive operation uses air injection with our Zentec® Hybrid specialty removal media blend for clean filtered water.



Iron, manganese and sulphur removed up to 8.0 ppm



Includes air injection system



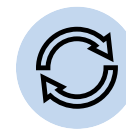
Chemical-free system



Quiet operation



Uses less than \$3.00 per year to operate 12 volt



Adjustable time cycles for best results

**12 YEAR  
UNLIMITED  
WARRANTY**



### Air Blocker

The air blocker holds water in special chambers, stopping air from reaching the control valve and helping prevent rust buildup. This helps the system last longer.

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTSZC075	8 GPM	40-110	40-110	9 x 17 x 57"
EWS BTSZC1	12 GPM	40-110	40-110	10 x 17 x 62"
EWS BTSZC1.5	16 GPM	40-110	40-110	12 x 20 x 60"



## Value Zentec® Hybrid Capsulate Chemical-Free Iron, Sulphur, and Manganese Filter

Value Chemical-Free Zentec® Capsulate Iron, Sulphur, and Manganese Filtration for iron, sulphur (often referred to as that “rotten egg smell”), and manganese for well water applications. No chemicals, safe for septic beds, inexpensive operation uses air injection with our Zentec® Hybrid specialty removal media blend for clean filtered water.



Iron, manganese and sulphur removed up to 8.0 ppm



Includes air injection system



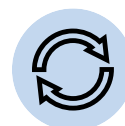
Chemical-free system



Quiet operation



Uses less than \$3.00 per year to operate 12 volt



Adjustable time cycles for best results

**7 YEAR  
UNLIMITED  
WARRANTY**



**Air Blocker**

The air blocker holds water in special chambers, stopping air from reaching the control valve and helping prevent rust buildup. This helps the system last longer.

Part #	Flow Rate (gpm)	Pressure (psi)	Temperature (°F)	L x W x H (in)
EWS BTZC075	8 GPM	40-110	40-110	9 x 17 x 57"
EWS BTZC1	12 GPM	40-110	40-110	10 x 17 x 62"
EWS BTZC1.5	16 GPM	40-110	40-110	12 x 20 x 60"



## EXCALIBUR WATER SYSTEMS INC.

T. 705 733 8900 E. [contact@excaliburwater.com](mailto:contact@excaliburwater.com)

[www.excaliburwater.com](http://www.excaliburwater.com)



Scan the QR  
Code for more information  
on our unlimited warranty

**Authorized Dealer:**