

Rust-Erase Iron & Manganese Filtration Systems

Residential • Commercial • Industrial

Filtration System Required When Iron and Manganese is Present in Water

Remove unsightly rust stains in toilets, tubs, sinks, laundry and other water fed appliances. For homes, restaurants, childcare, corrections, convenience store, marine industry, agriculture/irrigation, remote areas, residential, commercial and industrial facilities worldwide.



Filtration systems designed to effectively eliminate rust and iron from your water supply thoroughly and economically. The Iron Reduction/Removal Systems work automatically.

Every drop of water coming through the line is filtered to remove rust and other particles. The pre-set timer periodically activates the back-wash mechanism keeping the filter medium fresh and effective for many years. (No chemical injection required)

Effects of iron and manganese in water

When exposed to air, dissolved iron or manganese reacts with oxygen and is converted by oxidation to a colored, solid material that settles out of the water. Iron changes to white, then yellow and finally to a reddish-brown color. Manganese forms a black residue. High concentrations of these sediments cause reddish-brown or black stains in residential, commercial and industrial facilities.

Another result of iron and manganese in water is the presence of harmless bacteria in soil, shallow groundwater supplies and some surface water that secrete large amounts of red-brown (iron) or black-brown (manganese) slime that stain toilet tanks.

The Iron Removal filtration system is designed to effectively eliminate rust from your water supply economically and thoroughly. No more unsightly rust stains in toilet, tub, sink and other related equipment., the laundry will be cleaner, too!

The Iron Filter works automatically. Every drop of water coming through the line is filtered to remove rust and other particles. The pre-set timer periodically activates the back-wash mechanism which keeps the filter medium fresh and effective for many years. Media is good for approximately 3-5 years or more depending on water conditions and use.



Filtration units designed and sized to meet the needs of any flow rate, site or application.

Visit www.twtwatertreatment.com & www.triangularwave.com

There you will see complete product catalog, additional support documents, product, system and technical information. (product sheets / complete product line / fact sheets / case studies technical papers (abstracts) / and more.

HOW to best use our web sites: Click on links and move your cursor over photos and drawings. Many have links to related product, system, support pages and down loadable for later review or your records. Note: some files are large and may take time to download, but they're worth the wait.

DON'T WAIT...Contact your distributor or TWT today for a free consultation! And for information on what TWT system will meet your specific application needs!

Optional Application Below: TWT® stand-alone product configuration for end-to-end water treatment & conditioning -chemical-free

- **Filtration:** removes dirt & particulate matter
- **Deposit Control Technology:** hard water conditioning & treatment
- **UV Purification Technology:** Kills bacteria and other harmful pathogens.

Ultra violet systems for the disinfection & purification of potable & process water are sold for two main purposes: First, to kill bacteria and viruses that are currently in the water supply and second, to ensure that future contamination does not occur.

• Filtration • Patented Deposit Control Technology • UV Disinfection & Purification

