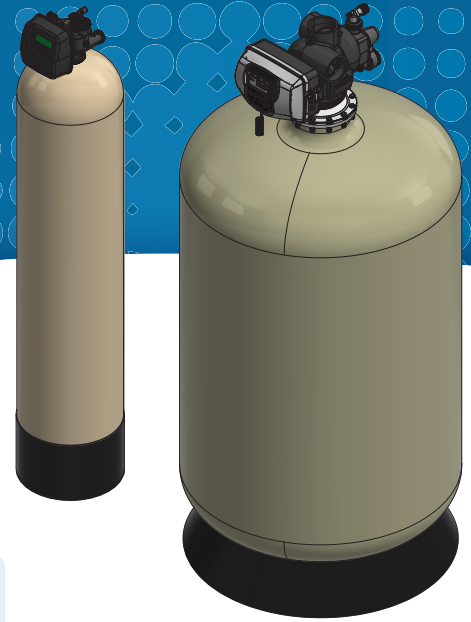




IRON SHIELD™

An innovative and natural solution for removing iron, odors (H₂S), tannins, sediment and manganese

Instead of using salt or chemicals, IronShield uses natural air and a proprietary filtration media to eliminate undesirable staining, odors and suspended solids within one filtration tank.



FEATURES & BENEFITS:

ENGINEERED FILTRATION MEDIA

- ▶ Removes up to 20ppm of combined iron, manganese, H₂S, and tannins at pH as low as 5.8
- ▶ Filtration of sediment, dirt particles and sand down to 3 microns
- ▶ Light weight media requires less backwash time and flow thereby using less water during regeneration
- ▶ Natural media uses no chemicals and produces no disinfection byproducts

LOW MAINTENANCE

- ▶ No salt or chemicals to add, no filter cartridges to change
- ▶ Long-life filtration media lasts up to 10 years

ENVIRONMENTALLY FRIENDLY

- ▶ No harmful contaminants are added to the environment
- ▶ Uses only air and water to regenerate, instead of chemicals or salt
- ▶ Proprietary filtration media blend is all-natural and long-lasting

HOW IT WORKS:



- 1) In-Service:** Untreated water enters the filter. Iron and other organics are trapped in the natural media while dissolved oxygen is added
- 2) Backwash:** Upward flow of water lifts the filter bed, removing trapped iron and organics, and increasing the life of the media
- 3) Regeneration:** Air injection system naturally regenerates the media without the use of chemicals
- 4) Fast Rinse:** Filter bed is packed down to prepare for the next filtration cycle