# TANNIN TITAN™

## A POWERFUL SOLUTION FOR TANNINS, IRON, MANGANESE, AND HARD WATER

### The Filtration Components

- **A Triton Control Valve -** Fully automated control valve performs periodic backwash cycles with set preferences specific to water at a time convenient for customer
- **B System Tank -** Fiberglass/polyethylene tank engineered for lasting strength and dependable operation
- **C Tannin Resin -** Media that bonds to and removes tannins
- **D Mid-plate -** Separates media types
- **E Softening Resin -** Ferrous iron, manganese, and hardness are trapped in the 10% softening media
- **F Distributor Tube -** Circulates water evenly across the media bed during regeneration
- **G Brine Tank -** Stores salt and water for regeneration cycle

### How It Works

1. Unfiltered water is introduced into the system through the back port, flowing through the control valve, and proceeding to the tank
2. High quality ionic exchange media is used to remove contaminants through ion exchange
3. Contaminants held in media are removed during the regeneration cycle

### Specs

| | | |
|---|---|---|
| 10' x 54: | Fe / Mn rating | 1 ppm |
| | Tannin | 5 ppm |
| | 30 grains | capacity |
| 13' x 54: | Fe / Mn rating | 1 ppm |
| | Tannin | 10 ppm |
| | 50 grains | capacity |

POSEIDON