

PINNACLE

WATER TREATMENT SYSTEM



Since 1979

**MOUNTAIN FRESH
WATER SYSTEMS**

480-899-8889 • www.mfwater.com

Refined Water Does Make A Difference!

Laundry & Cleaning



CLOTHES BRIGHTENER

- Clothes will be cleaner, brighter, softer, and last longer with refined water.



SOAP SAVER

- Refined water saves as much as 80% on laundry products.



MONEY STRETCHER

- With refined water the cost of cleaning supplies will drop dramatically, because you'll use less.



DISH SPARKLER

- Dishes, glasses and silverware sparkle with spot free refined water.

HAND SOOTHER

- Rough, red hands are often a by-product of hard water scum irritating skin.

Personal Care



HAIR PAMPERER

- Shampooing in refined water makes hair radiant and more manageable.



FACE SAVER

- Refined water eliminates razor burn, and blades last longer too!



BODY REFRESHER

Bathing and showering in refined water eliminates soap scum irritation of the skin.

Home Maintenance



WATER HEATER GUARD

- Refined water eliminates scale in your water heater requiring 20% less energy.



FAUCET PRESERVER

- Hard water scale corrodes and plugs up valves in water using appliances.



SCRUBBING HELPER

- Refined water eliminates the hard water scum, so washing floors, tile and woodwork goes faster.

PIPE PROTECTOR

- Refined water reduces hard water scale that plugs up and clogs water pipes.



STAIN ELIMINATOR

- With refined water, you can eliminate mineral build-up, unsightly rings and stains



Control Valve Features

Heavy-Duty, Light Commercial 1" or 1-1/4" Control Valve

Provides for maximum flow and backwash rates. This is especially important for proper cleaning of mixed-bed filtering media.

Superior Control Valve Design

Eliminates costly repairs because of fewer moving parts than *any other control* on the market.



Control Valve Disassembled

State of the Art Micro Processor

1. Easy to use, easy to read display
2. Insures total accuracy in cycles; provides for greatest salt & water efficiency.
3. Most up-to-date diagnostics for easy troubleshooting
4. Maintains program during power outages without batteries or electrical backup...indefinitely.



Outside Cover

Protects control from rain and dust if installed outside.

Construction Features

Stainless Steel Shroud and foam inner lining provide protection from heat degradation of filtering media by heat transfer.

Heavy-Duty Mineral Tank - Made from seamless, blow molded thermoplastic. Then wrapped in several miles of fiberglass to protect filtering media against heat degradation or external damage.

Sturdy Brine Tank - Made with special ultra-violet light inhibitors and designed to handle direct sunlight and higher temperatures.

Easy-Turn, Full-Flow Bypass Valve

1" or 1-1/4" bypass valve provides full flow rate and pressure even while system is in bypass mode.

Filtering Media Available

- Cation Resin
- Anion Resin
- Activated Carbon
- KDF55 (Redox)
- Garnet
- Washed Quartz



Up-flow Brining Features

- (1) Better cleaning of the resin and other filtering media.
- (2) Uses less water and salt during recharge.
- (3) Reduces slippery, slimy feeling of traditional water softeners.

- (4) Dry salt storage virtually eliminates salt bridging and caking.
- (5) Less wear and tear on resin and other filtering media due to excessive recharging.



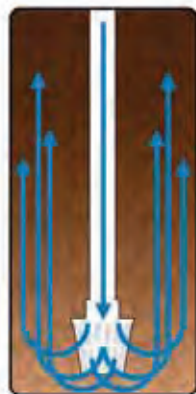
Service

Normal operation of the unit. Water is softened and filtered as it flows down through the resin.



Brine Fill

The exact amount of soft water needed is pumped through the salt tank to create brine.



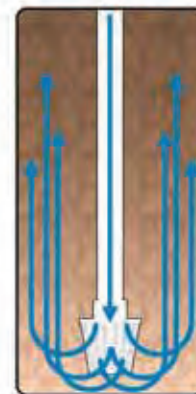
Brine Draw

Brine, drawn from the salt tank down through the riser, flows up through the stratified resin bed, lifting the hardness out of the tank.



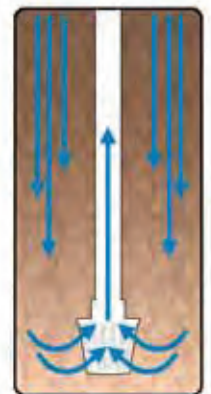
Slow Rinse

A slow rinse moves the brine upward through the resin bed to remove hardness.



Backwash

A final counter-current rinse cleans and stratifies the resin bed.



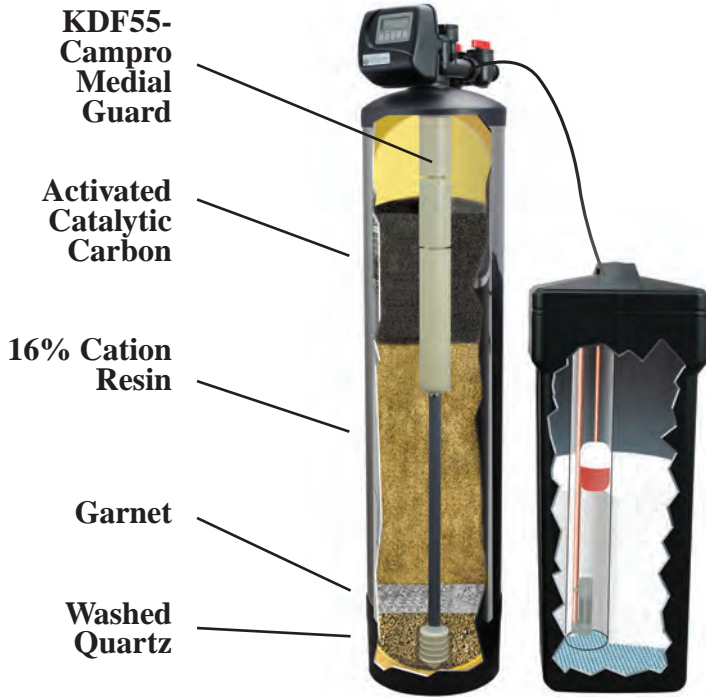
Fast Rinse

Repacks the resin bed and prepares the system to return to service.

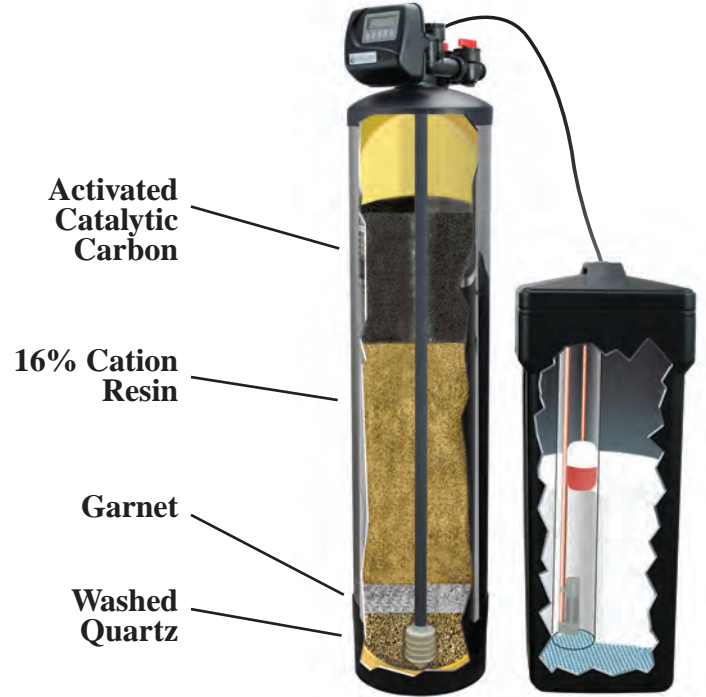
PINNACLE

Family of Water Treatment Systems

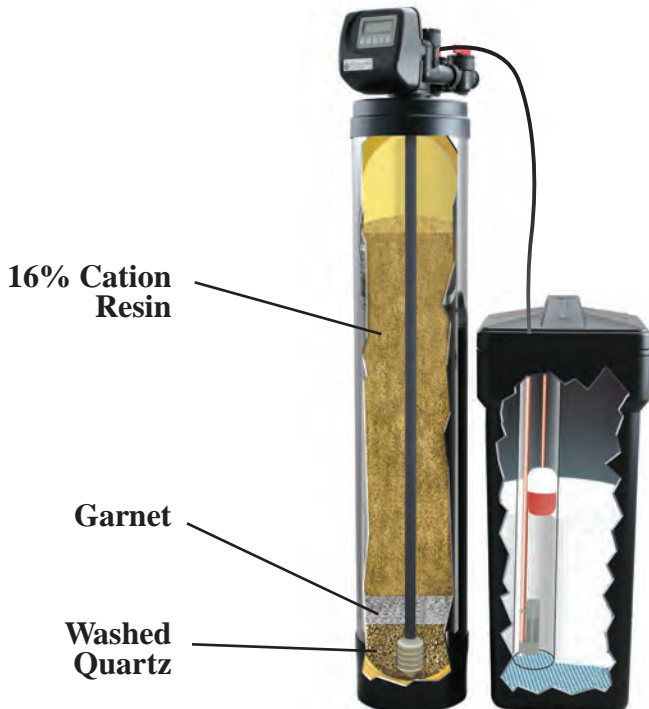
● Water Refiner



● Water Conditioner



● Water Softener



● Whole House Water Filter

