



RESIDENTIAL

Vesta® Water Conditioners

HARDNESS, CHLORINE, TASTES & ODORS





Clean Water Solutions. For Your Home. For Your Family.

Your family deserves high quality water. It's essential to our health, good for your home and pets and can save you money. Your professional Vesta water conditioning dealer is trained and dedicated to providing the best solution to the most common water problems.



VESTA DUAL MEDIA WATER CONDITIONERS

Each Vesta Water Conditioner is designed to specifically address the water quality issues that are unique to your home providing your family with outstanding water. The very best components, features and state-of-the-art design go into every system providing you with years of high quality, conditioned water.

Dual media conditioners are designed to treat chlorine, hardness and iron laden water. The Mid-Vortech™ tank maximizes the media efficiency with two separate media chambers in one tank.

The cut-a-way shows what lies beneath the tank jacket. Each chamber of the black mineral tank features a separate media to treat specific treatment needs.



TOP MEDIA BED

- Activated Carbon filter media reduces chlorine levels while removing unpleasant tastes and odors. Chlorine removal may also extend the life of the softening resin
- Your VESTA water treatment professional may use an alternative filter media to treat your specific water quality issues

BOTTOM MEDIA BED

- High quality, chlorine resistant media bed for years of continuous service
- Uniform bead size and distribution for optimum flow rates

HIGH QUALITY BRINE TANK

- High quality, durable construction
- Safety float system helps prevent overflow of the brine tank
- Constructed of corrosion-free materials
- Larger brine tank sizes available in black

VESTA PROFESSIONAL SERIES CONTROL VALVE

- Visual Low Salt Alarm alerts when it's time to add salt to the system
- Water use is monitored for peak efficiency
- Built in backup of settings during power outages
- Regenerates only when necessary saving salt and water
- Simple diagnostics and design provide for easy maintenance
- Treated water regenerant refill yields high quality recharge of bed

MID-PLATE™ STYLE DISTRIBUTION TANK

- Delivers evenly distributed and high quality flows
- Large surface area of plate yields lower pressure drop over time
- Up to 30% less water is required for backwash flow rate...conserving water
- High flow design maximizes today's high efficiency valve technology
- Dual media chambers keep media separate for more contact time and efficiency
- Most efficient softening regeneration, reducing salt consumption
- Systems larger than 10" do not include tank jackets



Beyond Soft Water...

FILTRATION SOLUTIONS

Iron, tastes and odors, hydrogen sulfide (sulfur) and acid water conditions all contribute to water quality problems. Vesta brand filtration solutions are designed to eliminate stains from your sinks and tubs, remove unwanted tastes and odors delivering high quality water. Working with your Vesta professional water treatment dealer, your new Vesta system will fit your exact needs and provide you with years of quality, conditioned water.

DRINKING WATER SOLUTIONS

Your Vesta water treatment professional offers a complete line of drinking water equipment designed to protect your family from a wide variety of contaminants. Vesta Reverse Osmosis drinking water solutions eliminate the need for bulky water bottles delivering high quality, healthy drinking water to faucets, ice makers and refrigerator dispensers.



FROM OUR FAMILY TO YOURS...

Each Vesta Water Conditioner is designed and manufactured by Nelsen Corporation. For more than 60 years, our family owned company has been providing outstanding water treatment solutions. Your Vesta dealer is part of a select group of professionals who are trained and authorized to sell and service the Vesta solutions. From homes to schools, hospitals, restaurants and hotels, the innovative and state-of-the-art design of the Vesta line provides years of trouble-free service.

YOUR AUTHORIZED VESTA DEALER:

AWP Water Systems

480 Lindbergh Ave.
Livermore, CA 94551
866-664-0664





RESIDENTIAL

Vesta Twist & Loc 4-Stage Reverse Osmosis Drinking Water System

YOUR FAMILY, YOUR HOME & YOUR WATER





Drinking Water Solutions. For Your Home. For Your Family.

With a Vesta Reverse Osmosis Drinking Water System, great tasting water is now as close as your kitchen tap. So is your peace of mind - knowing that you're providing your family with the best quality water right at home for drinking, cooking, ice, coffee making, baby-formula, pet feeding, dietary/medical uses, and precious plants watering.

Vesta reverse-osmosis drinking water systems significantly reduce unwanted substances bigger than 0.0001" such as carcinogens, heavy metal ions like cadmium, chromium, lead and mercury; chlorine, cryptosporidium, salts, turbidity, nitrate, VOC's, organic compounds, dissolved solids, tastes and odors leaving only clean, great tasting water.



VESTA REVERSE OSMOSIS DRINKING WATER SYSTEM

Designed to solve a wide variety of water quality issues, the Vesta Reverse Osmosis Drinking Water System provides you with a compact, affordable and effective solution for achieving the best possible quality drinking water for your home.

Reverse osmosis is the same process used by most major bottled water suppliers. With a Vesta Reverse Osmosis Drinking Water System, you can have the same high-quality water available from your own faucet for a fraction of the cost of bottled water.

Just how does the reverse osmosis process work? During the process, water is forced through a semi-permeable membrane that traps contaminants. These contaminants are then flushed out of the system and down the drain, leaving your drinking water clean and fresh.



Additional RO faucets are available in a variety of designer styles and finishes to match the décor of today's high-end kitchens.

Sanitary quick change design cartridges make filter replacement simple, quick and clean. The Vesta Reverse Osmosis Drinking Water System doesn't use the typical filter housings & cartridges so your system is free from contamination due to excess handling or exposure.



STAGE 1 - PRE-FILTER (Sediment)

Removes sediment, rust, dirt and other solid debris. Filters down to five microns.

STAGE 2 - PRE-FILTER (Carbon Block)

(Activated Carbon) Removes chlorine from the feed water to protect the membrane. Filters down to five microns.

STAGE 3 - RO MEMBRANE

Thin Film Composite design. Rejects 98% of the dissolved metals and salts, plus other harmful contaminants.

STAGE 4 - POST-FILTER (Carbon Block)

Removes any remaining objectional tastes and odors picked up in the storage tank.



Specifications

Gallons per day (L/day)*
L/DAY)

30.65 GPD (116.02

Typical System Flow Sequence

- ➔ Sediment Filter ➔ Carbon Block Pre-filter
- ➔ Reverse Osmosis Membrane ➔ Storage Tank
- ➔ Carbon Block Post-filter ➔ Dispensing Faucet

Sediment Filter (Stage 1)

5 Micron

Carbon Block Pre-filter & Post-filter (Stage 2&4)

Carbon Block 5 Micron

Reverse Osmosis Membrane (Stage 3)

Thin Film Composite

* The stated capacity performance is based on data taken after 30 minutes of operation at the following test conditions: 2,000 mg/L NaCl solution at 225 psig (1.5 MPa) applied pressure, 15% recovery, 77° F (25° C), pH 6.5-7.0
Plastic Coated Metal - Capacity 3.2 Gallon (12 Liters)

** Rated Life and Capacity are dependent on local water conditions and level of pre-filtration.

The disposable filter cartridges must be replaced every 6 months and 24 months for the system membrane, at the rated capacity or if a noticeable reduction in flow rate occurs.

Performance of the reverse osmosis membrane is affected by several factors which must be considered when judging the condition of the system. The main factors which affect system performance are: pressure, temperature, total dissolved solids level, recovery and pH.

Cartridge Replacement WITHOUT Turning Off Water

- 1 Pull bottom of Cartridge out to a 45° angle.
- 2 Twist the filter cartridge counter clockwise and pull.
- 3 Line up the bayonets (tabs) of cartridge in the slots, insert and Twist 1/4 turn to Loc the cartridge.



YOUR AUTHORIZED VESTA DEALER:

AWP Water Systems

480 Lindbergh Ave.
Livermore, CA 94551
866-664-0664

