



FILTRATION

VESTA® AIO® with Ozone Generation USING THE NATURAL POWER OF OZONE FOR IRON FILTRATION

SAFE CHEMICAL FREE DISINFECTION

The VESTA AIO with Enhanced Oxidation Generator (EOG) uses the natural powers of ozone to oxidize and filter iron, sulfur and manganese from your home's water. Naturally occurring from sunlight, ultraviolet rays and lightning, ozone is nature's way of controlling bacteria growth within our environment. In that same manner ozone effectively disinfects the media bed and is safe for the environment including septic systems. Ozone removes the need for chemical feed pumps and has been proven to have a higher disinfection potential compared to all other disinfectants available for use today. This eliminates the need for traditional chemicals such as hydrogen peroxide or chlorine typically used for disinfection.

LOW MAINTENANCE

With no chemicals or pumps to maintain, the EOG requires very little maintenance. The system is also energy efficient drawing only milliamps per day. With minimal maintenance costs, ozone helps to keep the control valve head clean, extending filter life and saving you money.

IMPROVES WATER QUALITY

Ozone is proven to destroy microorganisms and oxidizes minerals, such as iron and magnesium, instantly and effectively without harmful residue. The system will also assist in eliminating unwanted odors such as rotten egg, stale, or musty smells.



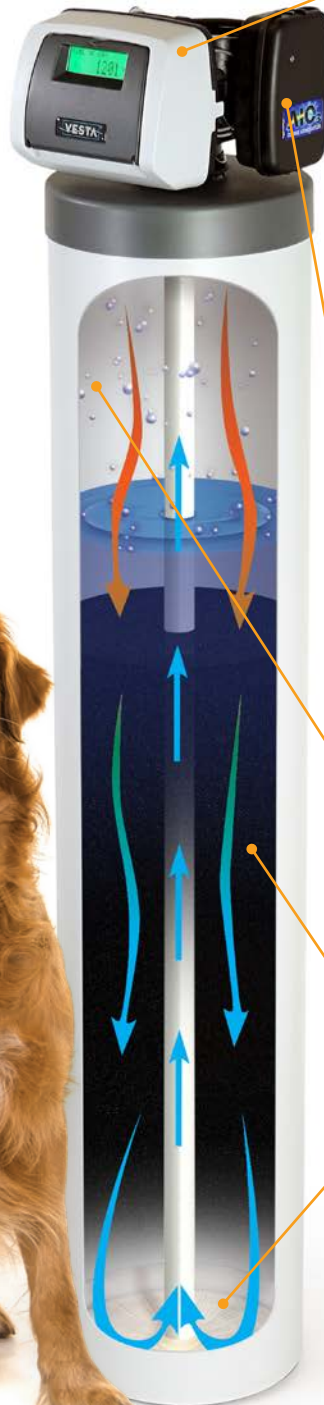
AIO with **CONTROL FLOW**
TECHNOLOGY®
by NELSEN CORPORATION

VESTA AIO SOLUTIONS

Each VESTA AIO features a unique patented process. Most systems purge the air pocket in the tank violently during regeneration, potentially damaging plumbing and creating an excessive amount of noise. A patented process slowly releases the air pocket during regeneration before replenishing the tank with a fresh pocket of air. Additionally, our system will delay the regeneration process and air release if water is being used in the home or business.

FROM OUR FAMILY TO YOURS...

Each VESTA Water Conditioner is designed and manufactured by Nelsen Corporation. For more than 65 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 VESTA systems. 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.



VESTA PROFESSIONAL SERIES CONTROL VALVE

- Built in backup of settings during power outages
- Color coded service reminder screens
- Two individual relays for controlling other water treatment equipment
- All VESTA AIO[®] controls feature solid state microprocessors with easy access front panel settings
- Double backwash feature offers optimum regeneration, cleaning ability and efficiency
- Days override feature from 1 to 28 days available

ENHANCED OXIDATION GENERATOR

- Mounts directly onto the control valve
- Uses the Ozotech Poseidon series corona discharge cell
- One year countdown meter alerts when the Ozone Generator needs serviced
- Ozone disinfects the media bed as the system recharges the AIO[®] ozone pocket

OXIDATION AIR POCKET

- An Ozone Enriched Air pocket is introduced into the top of the filter tank
- As water passes through this pocket the iron, manganese & sulfur and in the water are oxidized

EXCLUSIVE MEDIA BED

- Custom blends of media for efficient reduction and filtration of iron, manganese & sulfur

PLATE TANK STYLE DISTRIBUTION SYSTEM

- Delivers evenly distributed and high quality flows
- Enpress[®] Vortech[™] Plate Tank style distribution system provides increased backwash efficiency using less water and saving money

VESTA AIO[®] System Specifications

Filter Media Capacity (cu ft)	1.25	1.5	2.0	2.5
Mineral Tank Size - Vortech [™]	10" x 44"	10" x 54"	12" x 52"	13" x 54"
Service Flow Rate - Peak	7.0 gpm	8.0 gpm	11.5 gpm	13.0 gpm
Approximate Dimensions	11" x 17" x 52"	11" x 17" x 62"	13" x 17" x 60"	14" x 17" x 62"
Approximate Weight	115#	120#	137#	195#

