



evoqua
WATER TECHNOLOGIES



V-200 typical installation
with enclosure

VAF™ FILTRATION SYSTEMS

V-200 SERIES AUTOMATIC SCREEN FILTERS

Evoqua's VAF™ brand V-200 Series filters feature the most advanced and cost effective self-cleaning screen filtration technology available today. Ideal for flow rates from 7 m³/hr to 50 m³/hr (30 gpm to 220 gpm), the V-200 Series filters offer the best value solution for automatic filtration down to 10 micron rating. The patented+ V-Series™ bi-directional drive mechanism used in the V-200 is the most efficient and simplistic design available resulting in:

- fewer moving parts
- simpler controls
- the lowest flush flow rates and volumes available
- no power required
- multiple pass cleaning
- limited maintenance requirements

Constructed of glass reinforced nylon and 316L stainless steel, the inherently corrosion resistant materials of the V-200 Series filters ensure a long service life under a wide range of water quality conditions.

The 10 to 15 second flush cycle is automatically initiated when a pressure differential across the screen increases to a maximum of 0.5 bar (7 psi). The filter remains on-line during the cleaning process. The flush discharge is among the lowest available resulting in minimal waste.

When installed with a battery operated controller and valve, the filtration system operates completely with line pressure requiring no electricity making the V-200 filter the optimal solution for remote filtration applications. (Solar option is available).



Winner of Two International Awards

GENERAL SPECIFICATIONS:

Materials	Filter body	
	V-200P	<ul style="list-style-type: none"> • 3" NPT/BSP inlet/outlet • 3" Grooved inlet/outlet • Glass reinforced nylon
	V-200ST	<ul style="list-style-type: none"> • 3" Flange inlet/outlet • 316L SS
	Screens	<ul style="list-style-type: none"> • 316L SS sintered**
Filtration Range		• 10 to 1500 micron **
Filtering Area		• 1129 cm ² (175 in ²)
Flow Range		• 7 to 50 m ³ /hr per filter (30 to 220 gpm per filter)
Max Pressure	V-200P	• 8 bar (120 psi)
	V-200ST	• 10 bar (150 psi)
Min Pressure		• 2 bar (30 psi)*
Max Temp	V-200P	• 40° C (104° F)
	V-200ST	• 80° C (176° F)
Flush Cycle		• 10 to 15 seconds
Control Options		• MicroFlush™ control system**

* Call factory for lower pressure configurations.

**Other options are available upon request.

NSF® CERTIFIED FILTERS

All models are available with NSF®-61-372 certification.



SEAWATER MODELS AVAILABLE

All models are available for seawater applications (materials of construction - 2205 stainless steel).

AWARD WINNING SIMPLICITY IN FILTRATION



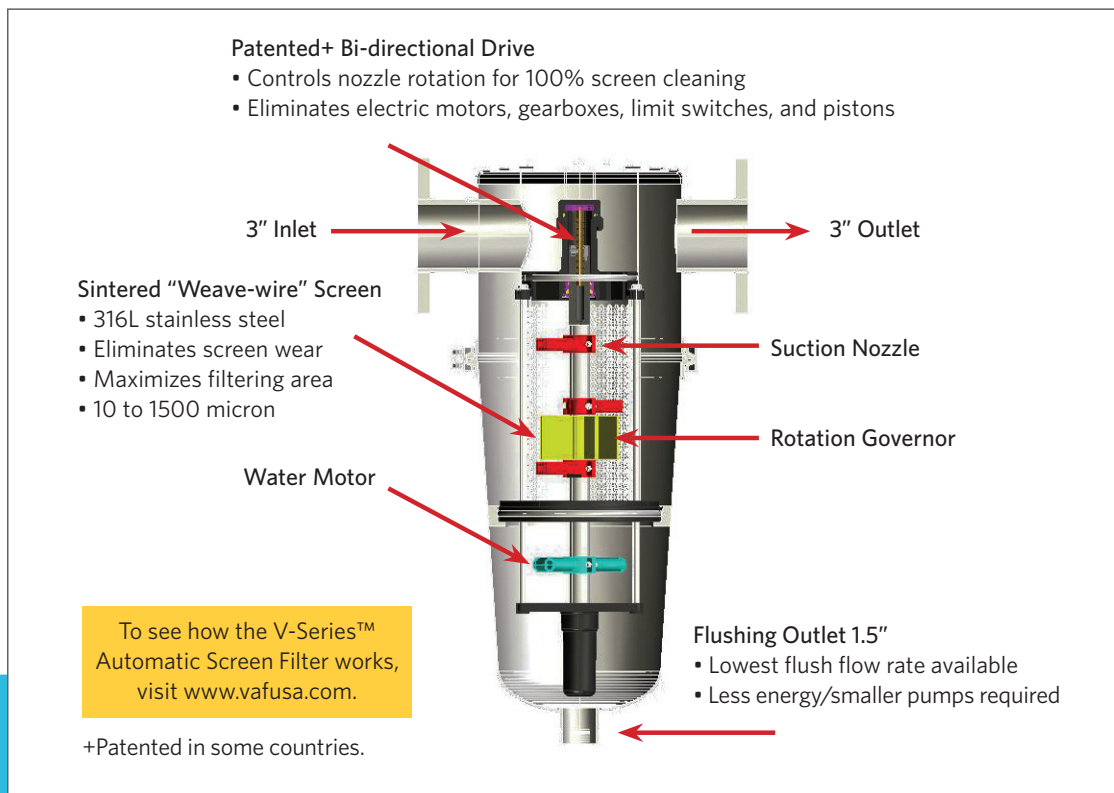
MARKETS

- Industrial
- Municipal
- Mining
- Irrigation

APPLICATIONS

- Pre-Filtration to:
 - RO/UF Membrane
 - UV
 - Bags/Cartridges
- Cooling Tower
 - Side Stream Systems
 - Basin Recirculation Systems
- Seawater
- Clams, Mollusks - Invasive Species
- Well Water
- River Water
- Greenhouses/Nursery
- Commercial Turf Irrigation
- Stormwater/Rainwater
- Pump Seal Protection
- Spray Nozzle Protection
- Process Water
- And Many More

INTERNAL VIEW



ABOUT EVOQUA

Evoqua Water Technologies is the global leader in helping municipalities and industrial customers protect and improve the world's most fundamental natural resource: water. Evoqua has a more than 100-year heritage of innovation and industry firsts, market-leading expertise, and unmatched customer service, where it continues to transform water and wastewater. Its cost-effective and reliable treatment systems and services ensure uninterrupted quantity and quality of water, enable regulatory and environmental compliance, increase efficiency through water reuse, and prepare customers for next-generation demands.

Evoqua's unparalleled portfolio of proven brands, advanced technologies, mobile and emergency water supply solutions and service helps cities across the world provide and discharge clean water, and enable leisure and commercial industry to maximize productivity and profitability. For more information, visit www.evoqua.com.



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