



FILTRATION SYSTEMS



General Information

The award winning V-200P, now available with NSF® certification, features 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 - 220 gpm), the V-200P offers the best value solution for automatic filtration down to 10 micron.

The V-Series™ patented BHD - Bi-directional Hydrodynamic Drive mechanism used in the V-200P is the most efficient and simplistic design available resulting in:

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

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

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, and the filtration process continues uninterrupted during the cleaning process. The flush discharge is the lowest available resulting in minimal waste.

Process water, cooling tower filtration, pre-filtration of membrane, irrigation, or wherever suspended solids are removed down to 10 micron are applications perfectly suited for the V-200P.

For more information contact VAF Filtration Systems!
Wherever Water Flows...

V-200P Automatic Screen Filter NSF®

*Winner of Two International Awards**

V-200P Specifications

Materials

Filter body

- 3" NPT inlet/outlet
- 3" BSP inlet/outlet
- 3" Victaulic inlet/outlet
- Glass reinforced Nylon
- 316L SS sintered **

Screens

Screen Area

- 1129 cm² (175 in²)

Filtration Range

- 10 to 1500 micron **

Flow Range

- 7 to 50 m³/hr per filter
(30 to 220 gpm per filter)

Max Pressure

- 8 bar (120 psi) **

Min Pressure

- 2 bar (30 psi) **

Max Temp

- 40° C (104° F) **

Flush Cycle

- 10 to 15 seconds

Control Options

- MicroFlush - up to 4 filters
(AC/DC battery available)

Seawater compatible models available.

* WaterInnovation Award and International IA New Product Award

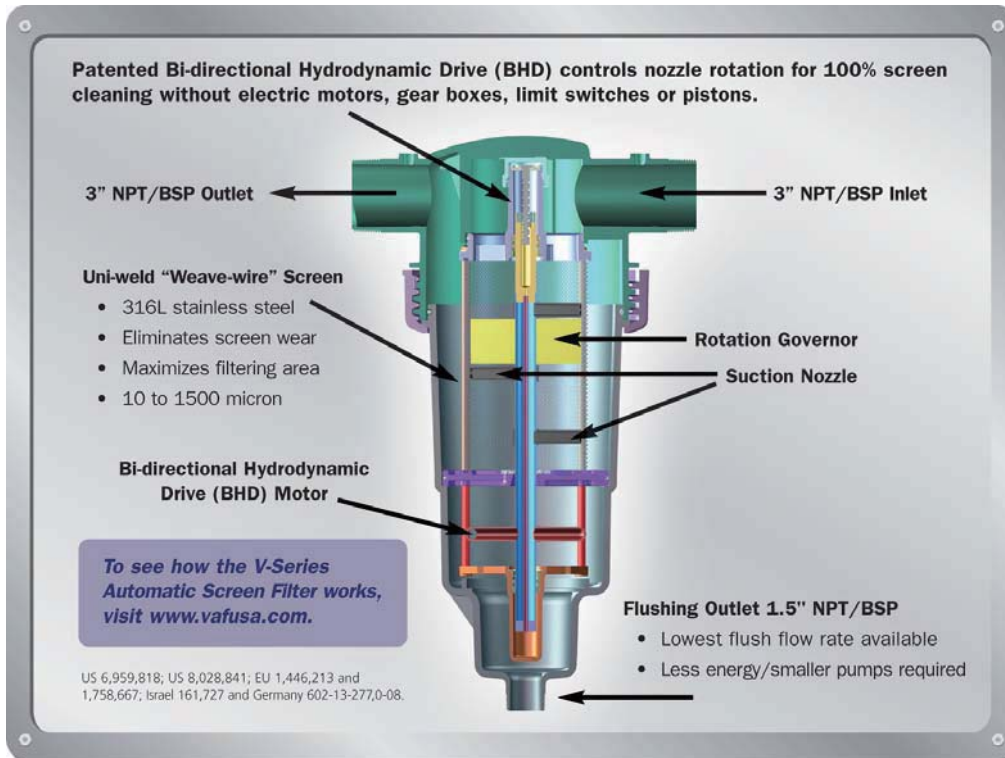
** Other options are available on request



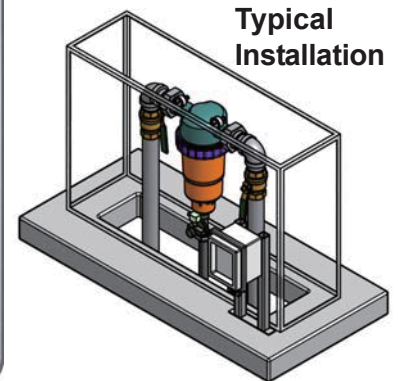
VAF Filtration Systems

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Specifications



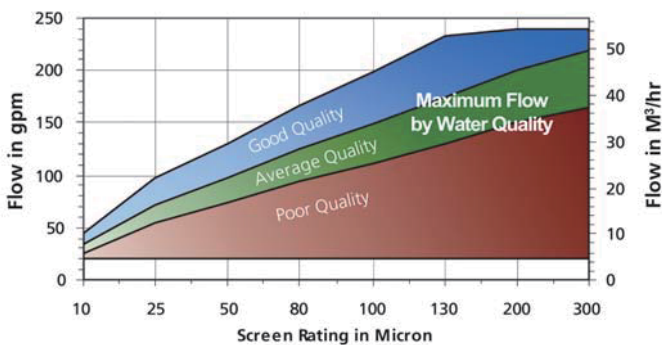
Standard
V-200P filter body with screen & 1.5" cast iron 24 VAC/9 VDC flush valve
V-200-PG-KIT (optional)
Controller: Please choose from options below.
MF1-DC-DP
MF4-AC-DP



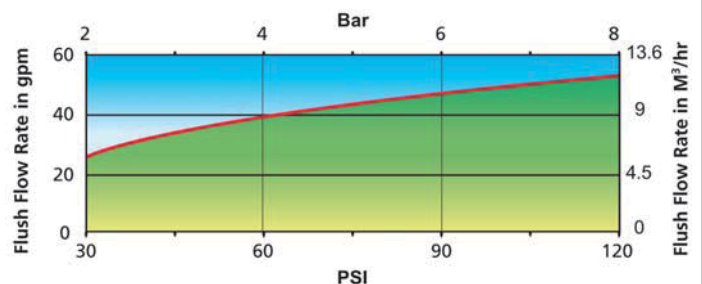
Model	Screen Area		Nominal Flow								Flush Flow (10 sec.)		# of Nozzles	Dry Weight	
	in ²	cm ²	50 micron (270 mesh)		80 micron (200 mesh)		100 micron (150 mesh)		120 micron + coarser (120 mesh)		gal	liter			
V-200P	175	1129	131 gpm	30 m ³ /hr	158 gpm	36 m ³ /hr	193 gpm	44 m ³ /hr	220 gpm	50 m ³ /hr	4	15	3	27 lbs	12 kg

Nominal Flow rates shown above are for demonstration purposes only. Smaller micron ratings result in lower allowable flow rates. Call VAF for details.

Flow Rate



Flush Flow Rate



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