

REPLACE Leaking or Obsolete Filters...



BEFORE



AFTER

...With Drop-In Filter Assemblies

NOTE: Bolt-In replacement for L configurations also available.

Call VAF for details and receive a Lifetime Warranty to Never Leak.

VNF

Filtration Systems

VALUE ADDED FILTRATION MADE IN THE USA



FREE: "How it works" DVD
Go to www.valveandfilter.com/DVD
to see the V-Series' Simplicity in action.

- Simplicity Minimizes Maintenance
- 316L Stainless Steel Construction
- Lifetime Body Warranty to Never Leak

NO Lubrication or Packing Seals

NO Electric Motors or Limit Switches

Simplicity with Efficiency all combined to provide the most cost effective filtration systems available.

Bolt-in replacement for L configurations

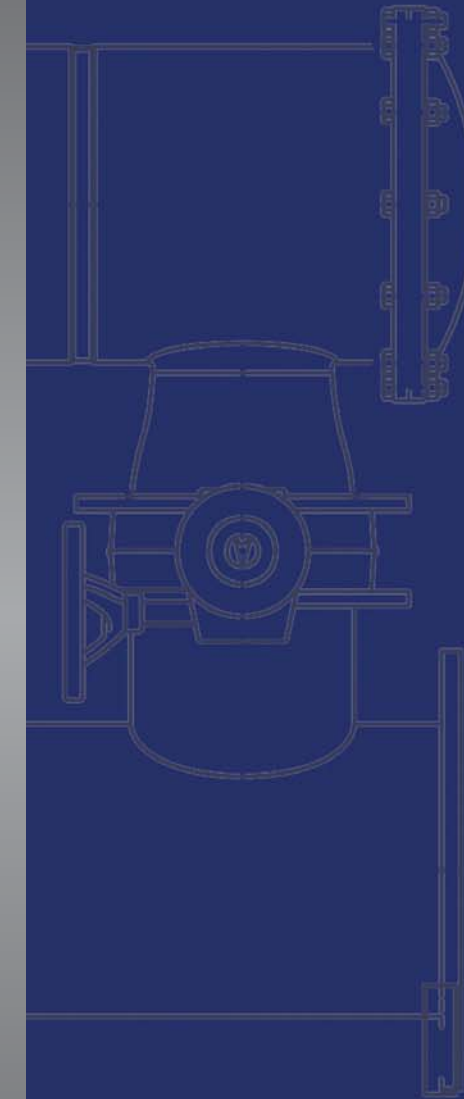


The Source for ALL Your Filtration Needs ...

The Choice is Clear...
Valve and Filter.

Valve and Filter
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Arvada, CO 80002 USA
Phone 303-425-4242
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www.valveandfilter.com
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VNF



Filtration Systems by
Valve & Filter



"Wherever Water Flows"

Ultimate Simplicity in Filtration



State-of-the-art Self-Cleaning Screen Filtration Technology

Patented Drive Cleaning Mechanism

U.S. Pat. No. 6,959,818; Foreign Pat. Nos. EU1 446 213 and E5602 13 277.0-08. Other U.S. and foreign patents pending

V-Series Filters

Removes organic and inorganic particulate including:

- Sand
- Silt
- Algae
- Mollusks
- Small aquatic species
- All other suspended debris

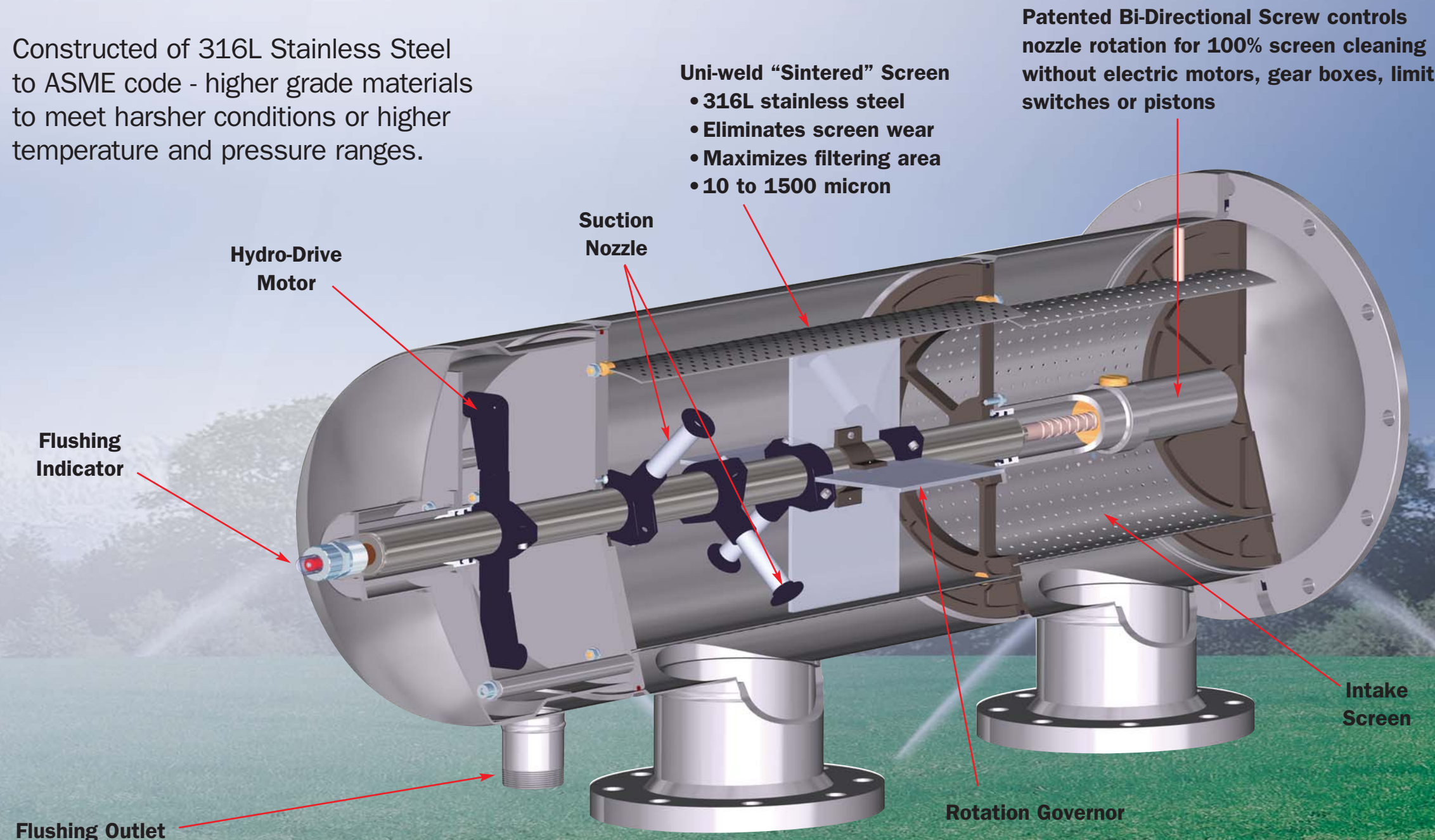
Hydraulically efficient design resulting in:

- Fewer moving parts (no electric motors, gear boxes, limit switches or pistons)
- Simpler controls
- Lowest flushing flow rates
- Greater cleaning efficiencies
- Lower maintenance requirements

Cleaning Cycle:

- 10 to 30 Seconds per flushing cycle
- Cycle begins at 7 psi (50 kPa)
- Filtration process is uninterrupted during cycle

Constructed of 316L Stainless Steel to ASME code - higher grade materials to meet harsher conditions or higher temperature and pressure ranges.



Uni-weld "Sintered" Screen

- 316L stainless steel
- Eliminates screen wear
- Maximizes filtering area
- 10 to 1500 micron

Patented Bi-Directional Screw controls nozzle rotation for 100% screen cleaning without electric motors, gear boxes, limit switches or pistons

Flushing Indicator

Flushing Outlet

- Lowest flush flow rate
- Less energy/smaller pumps required

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V-Series Automatic Filters

General Specifications:

Hydro-Drive Rotor
 Max Pressure: 150 psi (1034 kPa)
 Min Pressure: 30-35 psi (207 – 241 kPa)
 Max Temp: 176°F (80°C)
 Flush Cycle: 10 to 30 Seconds
 Flow Range per Filter: 32 - 5,400 gpm (2.0 - 341 lps) per filter
 Flange Sizes: 2" to 20" (50 mm to 500 mm)
 Screen Options: 10 to 1500 Micron on All Models
 Manifold multiple units to increase flow ranges

Materials:

Filter Body — 316L, Duplex SS, and other special materials for harsh conditions –
Note: Filter bodies are warranted to never leak
Screens — 316L SS Sintered
Flanges — AWWA Class D, ANSI and DIN
Seals — Nitrile, Viton, Silicone, EPDM

Model Number	Screen Area		Nominal Flow						Flush Line	Flush Volume 15 seconds	
			100 micron		200 micron		300 micron			in	gal
	in ²	cm ²	gpm	m ³ /hr	gpm	m ³ /hr	gpm	m ³ /hr			
V-250	224	1445	270	61	360	82	400	91	1½ MNPT	8	30
V-500	448	2890	540	123	720	164	800	182	1½ MNPT	15	57
V-1000	867	5594	1040	236	1400	318	1520	345	2 MNPT	15	57
V-1500	1300	8387	1560	354	2080	472	2280	518	2 MNPT	23	87
V-2000	1696	10942	2040	463	2720	618	2970	675	3 flange	33	125
V-2500	2262	14594	2720	618	3620	822	3960	899	3 flange	44	167
V-3500	3060	19742	3670	834	4900	1113	5360	1217	3 flange	44	167
V3	1696	10942	2040	463	2720	618	2970	675	3 flange	33	125

Larger flows, DIN flanges, BSP threads and customizing available upon request.

V3 Filter—
Vertical Design
for minimal footprint



Bolt-in replacement for L configurations

Lifetime Body Warranty

Contact factory for details & qualifications

800-759-6554 303-425-4242