

V-Series Filters

Featuring revolutionary automatic, self-cleaning screen filtration technology.



Australian Installations



Offering high performance, reliable filtration solutions for a wide range of applications.

Features:

- > Patented Infinity Drive™ Mechanism
- > Minimise water usage
- > Minimal maintenance
- > Stainless steel housing and screen
- > No external power source



Why choose the V-Series Filter?

The V-Series design features the latest, state-of-the-art self-cleaning screen filtration technology. The complexity and cleaning efficiency of any self-cleaning screen filter is in the mechanical system that drives the cleaning process. The new patented Infinity Drive™ mechanism is the simplest and most efficient in design resulting in:

- Minimal water wastage
- fewer moving parts (no limit switches or pistons reversing the cleaning mechanism),
- simpler controls,
- lowest flush flow available,
- greater cleaning efficiency, and
- lower maintenance requirements.

V-Series filters are constructed in the USA to ASME code and are designed to incorporate a broad range of construction materials, and pressure and temperature options.

V-Series filters are available as integrated components or as a complete skid-mounted filtration solution.

Flush cycle

The V-Series' 5 to 30 second flush cycle is automatically initiated when a pressure differential across the screen increases to 50kPa. The filter remains on line, and the filtration process remains uninterrupted during the cleaning process. The flush discharge is the lowest available resulting in minimal waste.

Uses

VAF filters remove silt, scale, sand, dirt and organic matter such as algae from virtually all types of water sources including process water, cooling tower water, wastewater and more.

The V-Series filters offer a low maintenance solution for filtering suspended particles 15 micron and larger.

Flow rates

The recommended filtering flow rates of the filters range from 2 Lps up to 345 Lps, with a pressure range of 205 kPa to no greater than 1035 kPa.

Applications

The V-series filters come in a variety of sizes to suit a wide range of applications. Applications include general industrial, steel manufacturing, power generation, chemical and petrochemical, refinery, food processing, mining, water/wastewater and irrigation.

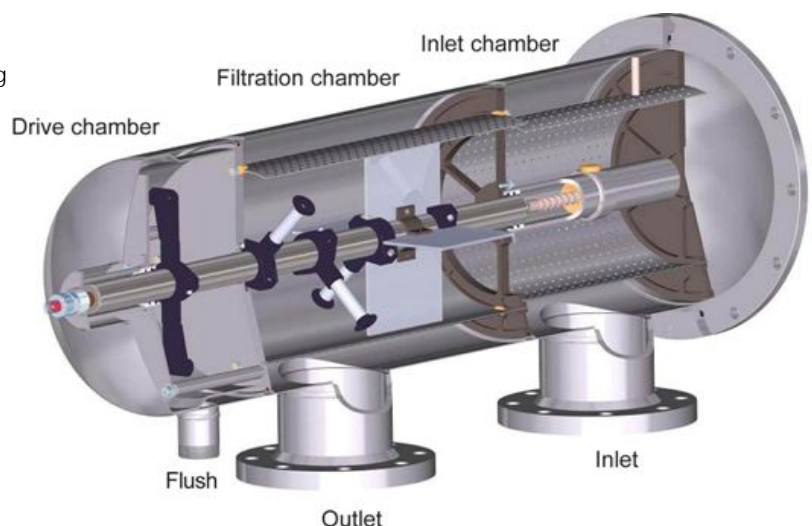
Contact your HydroChem representative on **1300 558 788** or visit www.hydrochem.com.au for full specifications of the V-series automatic, self-cleaning filters.

VAF is a US based manufacturer with over 25 years experience designing and manufacturing industrial water filters. HydroChem is the sole distributor of VAF filters in Australia.

V-Series Specifications

| | |
|-------------------------|--|
| Materials | |
| > Filter body | • 2" - 10" inlet/outlet, 316L SS |
| | • 10" - 20" inlet/outlet, epoxy coated carbon steel ** |
| > Screens | • 316L SS sintered ** |
| > Flanges | • DIN ** |
| > Seals | • nitrile, viton, silicone |
| Filtration Range | • 15 to 1500 micron ** |
| Flow Range | • 2 to 345 Lps per filter |
| Max Pressure | • 1035 kPa (10.5 kg/cm2) ** |
| Min Pressure | • 205 kPa (2.5 kg/cm2) ** |
| Max Temp | • 80° C ** |
| Flush Cycle | • 5 to 30 seconds |
| Control Options | • VF1B - battery powered, single filter |
| | • VF -AC - electronic, up to 12 filters |
| | • NEW - fully-programmable, electronic, multiple interface options |

** Other Options available on request



HydroChem is recognised as the clear market leader in Australia's water services industry. For over 30 years we have successfully minimised the risks associated with water.

We are Australian owned and operated, with over 140 employees across Australia.

HydroChem focuses on innovation and is committed to continuous improvement in quality, service, efficiencies and client relationships.

Tel. 1300 558 788
info@hydrochem.com.au
www.hydrochem.com.au

