



## **VAF™ FILTRATION SYSTEMS**

### **NSF® CERTIFIED V-8000 QUAD**

### **AUTOMATIC SCREEN FILTERS**

#### **GENERAL INFORMATION**

Evoqua's VAF™ brand V-Series™ filters are now available with NSF®-61-372 certification. Certain applications with domestic potable water supplies require filtration to protect plumbing devices, such as faucets and toilets, from small grains of sand or scale that may come from city mainlines. This being the case, it becomes even more important that filters used for this purpose be NSF® certified.

The V-Series filter incorporates one of the most advanced self-cleaning screen technologies available. The complexity and cleaning efficiency of any self-cleaning screen filter is in the mechanical system that drives the cleaning process. The patented+ bi-directional drive mechanism is the simplest and most efficient design resulting in:

- fewer moving parts (no limit switches or pistons reversing the cleaning mechanism)
- simpler controls
- low flush flow
- greater cleaning efficiency
- lower maintenance requirements

The V-Series filter's 12 to 15 second flush cycle is automatically initiated when a pressure differential across the screen increases to 0.5 bar (7 psi). The filtration process is uninterrupted during the brief cleaning process. The flush discharge is among the lowest available resulting in minimal waste.

#### **Specifications**

##### Materials

- Filter Body: 16" - 40" inlet/outlet Epoxy Coated Carbon Steel \*\*
- Screens: 316L SS sintered \*\*
- Flanges: AWWA Class D \*\*
- Seals: Nitrile, Viton®, silicone \*\*

##### Filtration Range

- 10 to 1500 micron

##### Flow Range

- 27 to 2,928 m<sup>3</sup>/hr (120 to 12,888 gpm) per filter \*

##### Maximum Pressure

- 10 bar (150 psi) \*\*

##### Minimum Pressure

- 2 bar (30 psi) \*\*

##### Maximum Temperature

- 80° C (176° F) \*\*

##### Flush Cycle

- 12 to 15 seconds for each of up to four flush valves

##### Controller

- MicroFlush™ control system - single filter (up to four flush valves) \*\*
- Each V-8000 filter requires designated MicroFlush™ Controller

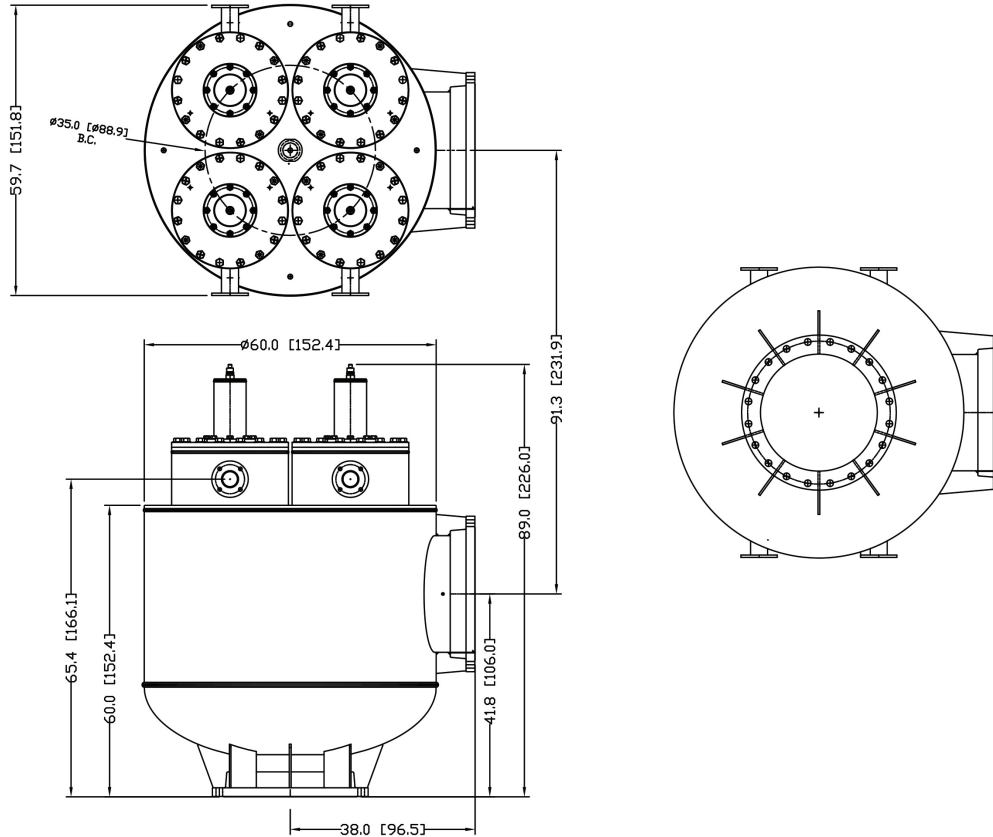
\* Varies depending on micron level

\*\* Other options available upon request

+Patented in some countries

## V-8000 QUAD DIMENSIONS AND TECHNICAL INFORMATION

Units = IN [CM]



### SPECIFICATIONS

#### MODEL

MODEL	TANK VOLUME (M <sup>3</sup> )	TANK VOLUME (LITERS)	DRY WEIGHT (KG)	TOTAL WET WEIGHT (KG)
V-8000	2.4	2714	2756	5190

### SPECIFICATIONS

#### MODEL

MODEL	TANK VOLUME (FT <sup>3</sup> )	TANK VOLUME (GAL)	DRY WEIGHT (LBS)	TOTAL WET WEIGHT (LBS)
V-8000	86	717	6075	11441



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