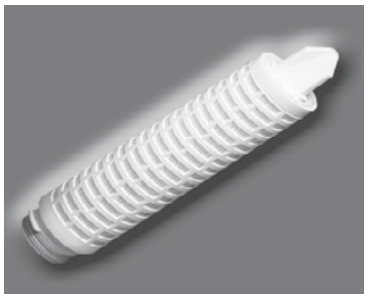
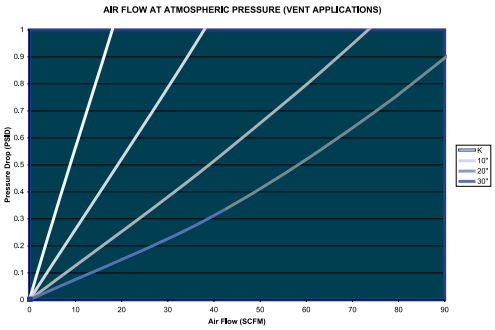
VA SERIES HYDROPHOBIC PTFE VALIDATED MEMBRANE VENT FILTER CARTRIDGE

- Hydrophobic, pleated PTFE membrane rated at 0.2µm absolute for sterile air filtration
- Materials of construction conform to USP Class VI biological tests for plastics
- High surface area and high voids volume combine to offer exceptional flow rates and extended service life
- Filters can be autoclaved up to 100 cycles or steam sterilized up to 180 cycles
- Fully validated by aerosol and liquid bacterial challenge
- Filters are integrity testable by all methods including Water Intrusion Test



CARTRIDGE SPECIFICATIONS

Dimensions	
Diameter (OD)	2.6"
Length (in)	5, 10, 20, 30
Materials	
Cartridge	Polypropylene caps, core and cage
Membrane	Hydrophobic PTFE
Seals	Silicone o-rings
Operating Parameters	
Maximum Temperature	50°C
Maximum Differential Pressure @20°C	50 psig
Air Filtration Rating	0.01 µm Absolute
Toxicity	Non-toxic by USP Class VI Biological Test for Plastics
Validation	ASTM F838-38 Liquid Bacterial Challenge Fully retentive to both Aerosol Bacteria and Phange Challenge
Steam Sterilization	Can be insitu steam sterilized up to 180 times at 142°C
Sanitizing Agents	
	Chlorine, hydrogen peroxide
Integrity Test	
Micron Rating	0.2 µm
Minimum Bubble Point (psi)	14.5
Pressure Decay Test Pressure (psi)	11.6
Maximum Diffusional Flow (ml/min)	8.5, 18, 36, 54



ORDERING INFORMATION

Catalog Number and Description	
FCVA	**Filter Cartridge Vent PTFE**
X	Cartridge Code: **0** = 2-222 o-rings **5** = 2-222 o-rings w/spear end **7** = 2-226 o-rings w/locking tabs/spear end
XX	Length (in): **05** = 5, **10** = 10, **20** = 20, **30** = 30
S2	Micron Rating: **S2** = 0.2 µm

To figure your order number, replace the X with one of the numbered or lettered options beside it. Note: Not all part number combinations are available; consult Technical Support for assistance.

Note: these filter cartridges should not be used as a combination air vent/water overflow device

24-Hour Customer Service: **+1 (800) 466-7873** www.evoqua.com