



# AQUA • POLISH®

## WATER MICROFILTRATION CARTRIDGES



### REDUCES:

- Particulates
- Scale
- Sediment
- Rust
- Foul Tastes
- Fibers
- Bad Odors
- Chlorine

**Aqua-Polish® cartridges** are intended for use with water supplies that are considered to be microbiologically potable but may have aesthetic contaminants present. With a rated 1 micron retention, these cartridges are able to remove microscopic and visible dirt, chlorine, scale, and many other larger particle contaminants.

**Aqua-Polish cartridges** are available in three standard sizes, **AP#5**, **AP#10** and **AP#20**. These products are intended to not remove minerals or salts.



*Clockwise from top, AP#10, AP#20 and AP#5 cartridge.*

### FEATURES AND BENEFITS

- Exceptionally effective and dependable
- Quick and easy to install
- Self-centering
- Double O-ring by-pass prevention
- Fits most standard housings
- Low pressure loss
- Eliminates channeling by-pass
- Exceptional removal capacity

Incorporating extremely fine **Microfiltration** and **Broad Spectrum Adsorption/Molecular Sieving**, General Ecology's unique "Structured Matrix™" technology, **Aqua-Polish cartridges** are the most comprehensively effective in their class. General Ecology's advanced "Structured Matrix" technology is intended to remove a broad range of drinking water pollutants, effectively, reliably and economically.

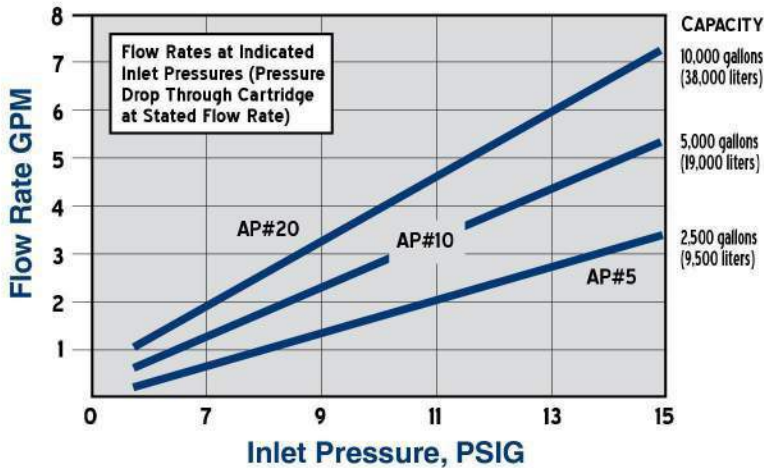
The **AP#5** and **AP#10** cartridges are ideal prefilters for General Ecology's Seagull®IV X-1 and X-2 water purifiers. **AP#20** cartridges are sized for Seagull®IV X-6 prefiltration. In addition to prefiltration, **Aqua-Polish cartridges** can be used for stand-alone applications as low cost, quality microfilters. Units containing **Aqua-Polish cartridges** are usually plumbed "in-line" to microfilter all water passing through the line. They are designed with double O-ring seals and fit many standard housings.

**IMPORTANT:** **Aqua-Polish cartridges** are not rated to remove water-borne pathogenic bacteria and viruses.

# AQUA-POLISH CARTRIDGE

Aqua-Polish, like SEAGULL®IV cartridges, employ "structured matrix™" technology, incorporating high-efficiency adsorption materials. The Aqua-Polish matrix is rated at 1 micron retention which is small enough to physically remove microscopic and visible dirt and scale, and many other larger particulate contaminants. Aqua-Polish cartridges provide maximum flow rates and capacity while remaining superior to many other filtration products in effectiveness. Aqua-Polish cartridge is a filtering device, not intended to remove microbiological contaminants.

## AQUA-POLISH CARTRIDGES ARE AVAILABLE IN 3 CONVENIENT SIZES



Please note that flow rate and pressure drop depend, to a major extent, on the inlet and outlet plumbing size and arrangement. These flow and capacity rates were generated using Exton, PA municipal water and will vary widely depending upon local water characteristics. Clogging rates depend on both the amount and characteristics of the particles being removed.

## TECHNICAL SPECIFICATIONS

Rated Flow .....	See Chart
Cartridge Type .....	"Structured Matrix™"
Average Capacity .....	See Chart
Particle Retention Rating (nominal).....	1 Microns
Cartridge Size .....	See Diagram
Maximum Pressure.....	125 psi (8.7 kg/cm <sup>2</sup> )
Minimum Temperature .....	33°F (1°C) Do Not Freeze
Maximum Temperature .....	100°F (38°C)

## SHIPPING INFORMATION

CARTRIDGE	QTY	WT
#5 Size.....	40 per case.....	20 lbs. (9.1 kg)/case
#10 Size .....	20 per case.....	20 lbs. (9.1 kg)/case
#20 Size .....	10 per case.....	20 lbs. (9.1 kg)/case

All cases are: 1.9 cu.ft. (0.0538 M<sup>3</sup>)

17" (43.1 cm) Long x 14" (35.6 cm) Wide x 14" (35.6 ) High



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