



# SPECIALTY FILTERS

## PRODUCT DATA & SPECIFICATIONS

### TANNIN REMOVAL

#### Description

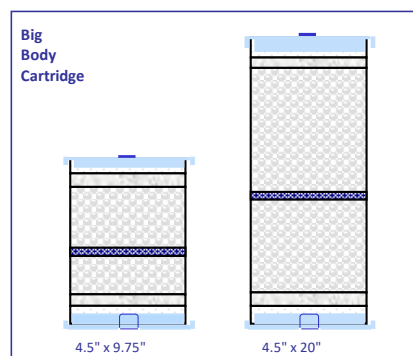
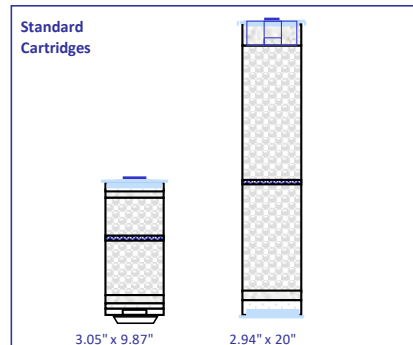
ARIES Filterworks' Tannin Removal cartridges uses **SIR-22P-HP\*** resin which is ideal for **color removal such as tannins, humic, fulvic, organic acids including citric acid and other substances exhibiting anionic behavior.** SIR-22P-HP is a highly porous, strong gel-based resin. It **provides faster kinetics than similar anion exchange resins** due to its reduced bead size.

#### Specifications

- ◇ Min/Max Temperature : 5 to 35 deg C
- ◇ Min/Max Pressure : 1.4 to 8.6 bar

#### Features and Construction

- ◇ Specialty Cartridges undergo a **proprietary vibrational filling process** which compresses the media into a tight uniform block. This process assures maximum capacity, eliminates media migration and ensures water passes completely through the media for optimum filtration.
- ◇ Dual stage pre-filter pad and high capacity outlet pad
- ◇ Body & caps molded from high impact clear colored FDA approved polypropylene
- ◇ Sonic Weld assembly assures a uniform hermetic seal and consistent reliability
- ◇ Media volumes are some of the highest in the industry
- ◇ Designed to fit all standard cartridge housings
- ◇ Optional media/resin separator disk (**Channel Blocker**) ensures uniform layering



Model #	Diameter x Length	Capacity*	Flow Rate		Volume	
			Recom	Max	Media	Total
AF-10-3622	3.05" X 9.87" 77 mm x 250 mm	2,800 ppm	1.9 lpm	3.1 lpm	852 ml	934 ml
AF-20-3622	2.94" x 20" 75 mm x 508 mm	6,200 ppm	3.9 lpm	4.8 lpm	1,867 ml	1,949 ml
AF-10-3622-BB	4.5" x 9.75" 114 mm x 247 mm	6,800 ppm	3.9 lpm	4.8 lpm	2,048 ml	2,129 ml
AF-20-3622-BB	4.5" x 20" 114 mm x 508 mm	14,900 ppm	7.8 lpm	11.6 lpm	4,488 ml	4,586 ml

\*Indicated capacities are based upon sound laboratory and field data we believe to be reliable and are offered in good faith. Your results may vary and should be verified by independent testing.

#### Capacity

The Capacity of the filter will depend on the amount of Tannic acid and the type of Tannic acid present in the water. The amount of Tannin and the type, in turn vary seasonally and naturally.

The 20" or AF-20-3622 Cartridge roughly last for 24-days when used to produce water for 4-people

#### General Installation and Maintenance:

"Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfections before or after the system." Be sure to keep filters away from heat source. Filters must be changed every six to twelve months or when capacity expires, whichever comes first. The standard period of storage and preservation of filter products is one year. This is just a precaution, as under normal conditions these filters should last indefinitely. Protect from contamination due to environmental conditions.

#### Limited Warranty:

ARIES FILTERWORKS products are warranted free from defects in materials and workmanship for a period of one year from date of installation provided products are installed in accordance with manufacturer's installation specifications. This warranty covers replacement cost only and excludes labor costs. Replacement cost means furnishing, free of charge, a new product which is identical or reasonably equivalent to the warranted product. Damage caused by accident, misuse or abuse excludes the product from this warranty. This limited warranty gives you specific legal rights and you may have other rights which vary from state to state.