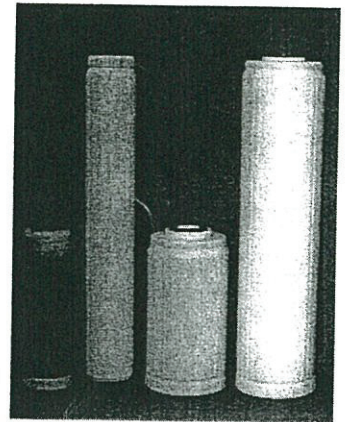


## Intelifil™ "SM" SERIES ACTIVATED ALUMINA FILTER CARTRIDGES

The Intelifil™ Activated Alumina Cartridges are designed primarily to reduce fluoride levels. Drinking water with fluoride levels above 2 mg/L can lead to mottling of the teeth. Ongoing levels above 4 mg/L can result in serious health problems. Interfering ions and the recommended flow rates must be specifically accounted for when sizing these cartridges.



- 10 Micron Nominal Rating
- Fits Most Standard Housings
- Temperature Range: 40°F (4°C) to 100°F (38°C)
- Pressure Range: 25 PSI (1.7 BAR) to 100 PSI (6.9 BAR)

ITEM NUMBER	DIMENSIONS	VOLUME	CAPACITY	FLOW RATE
IF-SM-AA010	2.8" x 9.8"	45 in <sup>3</sup>	4500 mg/L	.1 GPM
	71mm x 249 mm	737 ml	260 GPG	.38 LPM
IF-SM-AA020	2.8" x 20.1"	109 in <sup>3</sup>	10,000 mg/L	.25 GPM
	71mm x 511 mm	1786 ml	585 GPG	1 LPM
IF-SM-AA010B	4.4" x 9.85"	126 in <sup>3</sup>	11,000 mg/L	.25 GPM
	112mm x 250mm	2065 ml	640 GPG	1 LPM
IF-SM-AA020B	4.4" x 20.1"	280 in <sup>3</sup>	23,000 mg/L	.5 GPM
	112mm x 511 mm	4592 ml	1345 GPG	2 LPM

### TYPICAL FILTER CARTRIDGE REPLACEMENT PROCEDURES

- Turn off the incoming water supply and relieve the pressure.
- Replace the cartridge with the arrow pointing upwards and the seal on the top.
- Replace and lubricate the filter housing o-ring.
- Using a filter wrench, tighten the housing securely.
- Rinse the cartridge thoroughly to remove color and fines.
- Inspect for leaks and test for proper operation.

\*Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.

\*Calculated capacities and flow rates are for reference only. Various chemical and physical conditions can significantly alter the provided estimates herein. Filter cartridges should be changed every six to twelve months or when acceptable effluent ceases, whichever occurs first.

\*Limited Warranty: TGI warrants this product to be free from defects in materials and workmanship from the date of manufacture for one year. This warranty covers providing a replacement product only. TGI will not be responsible for any implied warranties, including those of merchantability and fitness for a particular purpose. TGI shall not be liable for any loss or incidental or consequential damages resulting from the use or inability to use this product by the buyer or any user.