

***Intelifil™* “SM” SERIES ACTIVATED ALUMINA FILTER CARTRIDGES**

The *Intelifil™* Activated Alumina Cartridges, utilizing a fine white granular media 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)

<u>ITEM NUMBER</u>	<u>DIMENSIONS</u>	<u>VOLUME</u>	<u>CAPACITY</u>	<u>FLOW RATE</u>
IF-SM-AA010	2.8" x 9.8" 71mm x 249 mm	45 in ³ 737 ml	5000 mg/L 260 GPG	.25 GPM .38 LPM
IF-SM-AA020	2.8" x 20.1" 71mm x 511 mm	109 in ³ 1786 ml	12,000 mg/L 585 GPG	.5 GPM 1 LPM
IF-SM-AA010B	4.4" x 9.85" 112mm x 250mm	126 in ³ 2065 ml	13,000 mg/L 640 GPG	.5 GPM 1 LPM
IF-SM-AA020B	4.4" x 20.1" 112mm x 511 mm	280 in ³ 4592 ml	30,000 mg/L 1345 GPG	1 GPM 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.

Made in USA

Order # CAT-IFSM-AA