



**The Clear Choice**  
Water Filtration Systems

# FCCST2

## Water softening & iron removing filter cartridge

### General Description:

AQUAFILTER FCCST2 series cartridges are an effective and efficient solution for point-of-use applications. Their undeniable benefit is ease of installation and changeout. Cartridges include pre- and post-filters, preventing media particles from being washed out.

Cartridges are available in various capacities to meet Customer demands. FCCST2 was designed to allow optimal contact between water and resin, therefore ensuring maximum performance (ion exchange).

FCCST2 utilizes FDA-grade, sodium, based, strongly acidic ion-exchange resin which reduces calcium and magnesium ions content and lowers the concentration of iron in water. Calcium and magnesium are often called "hardness minerals". Large amounts of these ions in water are responsible for the formation of the scale deposits, higher detergent consumption and stains on glassware. In extreme cases large amounts of calcium and magnesium can lead to glass etching.

Hard water damages home appliances such as: tea kettles, dishwashers and washing machines, and increases their energy consumption. Hard water leaves an invisible film on skin, which blocks pores. This in turn causes chapping, itching and dryness. Iron imparts a disagreeable taste to the water. It can ruin the taste of tea, coffee and beverages. Iron compounds create yellow to dark-brown stains on equipment. Iron salts irritate skin.

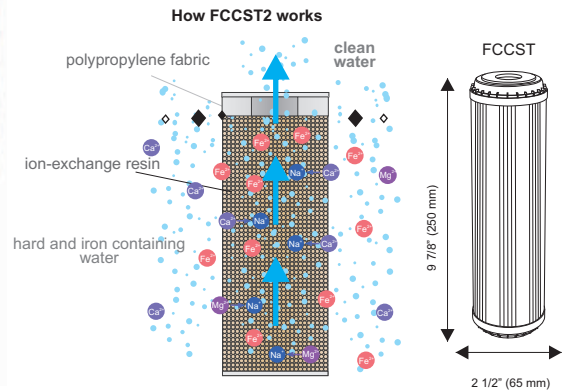
Water, after passing through FCCST2, is softened and contains almost no calcium & magnesium, as well as iron. It enables people to use lesser quantities of soap, shampoo, and skin care products. Moreover, detergent consumption is reduced. AQUAFILTER FCCST2 can be used in every POU application where soft water containing no iron is required.

### Features:

- High quality
- Competitive pricing
- High capacity FDA approved ion-exchange resin
- Protects washing machine and dishwasher against damage caused by hard water
- Excellent choice for lime scale removal and lime scale problems
- Removes iron ions
- Removes metallic taste of water
- Acts as water softener
- No stains on glassware
- No glass etching
- Detergent consumption reduced by 30%
- Less energy consumption
- Equipped with end filter, preventing particulates of filtration media from being washed out
- Eliminates formation of rusty looking stains and dirt on kitchen sink
- Reduces water hardness (replaces calcium and magnesium ions with sodium ions)
- Made in the EU with High Quality materials

### Specifications:

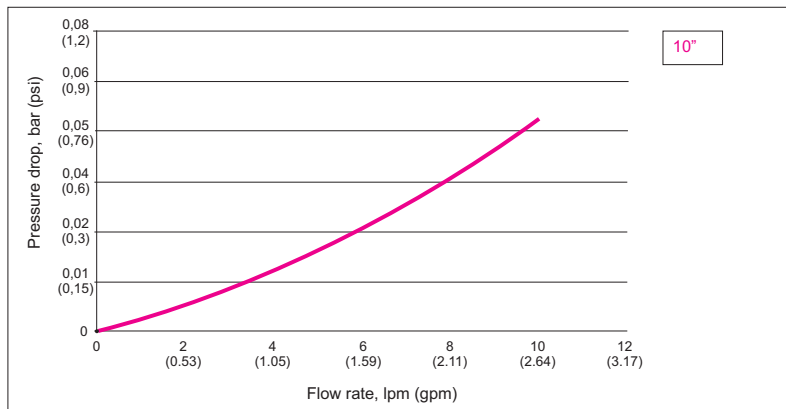
**Media:** FDA approved ion exchange resin  
**Filter Life:** 3 - 6 months  
**Operating Pressure:** 6 bar (90 psi)  
**Minimum Temperature:** 2°C (35°F)  
**Maximum Temperature:** 40°C (104°F)  
**End caps:** PP  
**Gasket:** Silicone  
**Body:** HDPE  
**Post-filter:** PP



Made in EU

CAT #	SIZE	Media Amount (ion-exchange)	Filter Life*		
			liters	gallons	months
FCCST2	9 7/8" x 2 1/2" (250 mm +/- 1.5 mm x 71 mm)	0.60 l	400	105	3 - 6

Tested at water hardness of 2°dH (35.8 mg/l), iron content 0.2 ppm (mg/l), chlorine content 0.5 ppm (mg/l), manganese content 0.05 ppm (mg/l). Ammonium ion content 0.0 mg/l, nominal flow 2 lpm, temperature of water 23°C, pH >7.  
 \* filter cartridge lifetime depends on contamination level of potable water.



**IMPORTANT NOTICE:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Cartridges are designed for filtration with cold potable water. We recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly. In order to extend life span of FCCST2 series, filters with FCPS or FCPP cartridge need to be installed before FCCST2 series cartridges.  
 Improper installation and maintenance may result in property damage due to water leakage.  
**Limited Warranty:** AQUAFILTER warrants that this product is free from defects in materials and workmanship.

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