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## Downtown

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## Statewide

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# Chemical Free Iron Filters



## "A" versus "AM" chemical free media beds

*A Type Media Bed* - order for most applications where the raw water pH is above 7.0 and Manganese is negligible

*AM Type Media Bed* - order these units where the raw water is below 7.0 and/or Manganese is up to 1.0 mg/L.

The chemical free iron filter is designed to eliminate soluble (or ferrous) iron and precipitated (or ferric) iron from your customer's water without the use of expensive or messy chemicals, which also makes it very safe and economical to operate. The chemical free iron removal filter's patented process raises the pH of the water, improving the efficiency of iron removal. This has the added benefit of neutralizing acidic water. Once installed, the chemical free iron filter requires little or no attention. It removes iron concentrations up to 35 ppm and conserves water, requiring only occasional backwashing using 10% of the water a conventional filter uses in regeneration.

• We also supply separately a choice of the PVC Hydrocharger or polyethylene Mazzei™ air injectors in combination with an air vent.

## Features:

- 2510 Filter valve, 110V/60Hz
- Clock initiated
- Superior fiberglass mineral tank with color choice of almond, blue or black
- Chemical Free Media Bed
- Gravel underbedding

## Mineral Tank Color Selection:

1 = ALMOND

2 = BLUE

3 = BLACK

## Tank Jackets

See separate section on tank jackets available

## Chemical Free Filters - Specifications & Performance (A and AM Beds)

2510 Models		Filter Media Volume	Iron Removal Capacity (ppm)	Service Flow Rate <sup>(1)</sup> (usgpm)	Peak Flow Rate <sup>(2)</sup> (usgpm)	Backwash Flow Rate (usgpm)	Mineral Tank Size <sup>(3)</sup> (inches)	Installation Space WxDxH (inches)	Shipping Weight (lbs)
Calendar Clock "A" Beds	Calendar Clock "AM" Beds <sup>(4)</sup>	(cu.ft.)							
2510CC-847CFA-75	2510CC-847CFAM-75	0.75	22,500	2	4	4	8 x 47	10 x 10 x 57	100
2510CC-1047CFA-100	2510CC-1047CFAM-100	1.00	30,000	3	6	5	10 x 47	12 x 12 x 57	145
2510CC-1252CFA-150	2510CC-1252CFAM-150	1.50	60,000	4	10	7	12 x 52	14 x 14 x 62	250
2510CC-1450CFA-200	2510CC-1450CFAM-200	2.00	90,000	5	15	10	14 x 50	16 x 16 x 60	365



Air Vent Assembly with tee fitting



Micronizer Air Injector, 1" Structural Fibers,



PVC Hydrocharger



Mazzei Injector, 3/4" OR 1"



Plastic Bypass OR Stainless Steel Bypass