

Simplify Iron Removal



EASY IRON FILTRATION

- ◆ Effectively reduces up to 3 ppm of dissolved iron from water
- ◆ Improves flavor and reduces the metallic taste caused by iron
- ◆ Reduces the possibility of pipe and water heater damage

How it works

The ATDIRCFS-20-1 2-stage system begins with an NP-RFG20BB Radial flow Carbon Filter Cartridge which reduces particulates in water. The coconut shell granular activated carbon (GAC) filter media effectively reduces chlorine taste and odor, organics, sediment, scale and rust particles that may be present in your water.

The second stage, RFIRC20-BB filter cartridge is designed to provide an easy and effective method of reducing iron from water, which greatly improves the taste. This cartridge helps to eliminate the orange and brown stains often found in sinks, toilets, tubs and other plumbing fixtures. It also reduces the possibility of damage to pipes and water heaters and reduces up to 3 ppm dissolved iron.

It adds no harmful chemicals to the water, making it completely safe for drinking water applications.



SYSTEM SPECIFICATIONS:

Operating Parameters

pH	> 7.0	Iron	<3 ppm
Silica	<100 ppm	Iron Bacteria	None
Manganese	< 1 ppm	Hydrogen Sulfide	None

APPROXIMATE LIFE OF SYSTEM*

IRON LEVEL IN WATER	TOTAL GALLONS USED	250 GPD 4 PEOPLE	125 GPD 2 PEOPLE	75 GPD 1 PERSON
3 ppm	26,000 gal	104 days	208 days	416 days
2 ppm	40,000 gal	160 days	320 days	640 days
1 ppm	80,000 gal	320 days	640 days	1280 days
0.5 ppm	160,000 gal	640 days	1280 days	N/A

*Notes: Water conditions outside of the above specified limits may lead to a shortened filtration life. If iron bacteria is present, shock chlorination is recommended. Cartridges may contain a very small amount of carbon fines (very fine black powder). After installation, follow the instructions for flushing the cartridge to remove the fines before using the water. You should flush the tap at least 20 seconds prior to using water for drinking or cooking purposes. This is particularly important if the tap has not been used daily.

Model Number	GPM (max)	Pipe Size	Electrical	Replacement Cartridges	Total System Size (in)
Full System: ATDIRCFS-20-1	8-10	1" NPT	None	NP-RFG20BB RFIRC20-BB	28" x 16" x 8"***
Stage 1:	NP-RFG20BB	20" Radial Flow Carbon Filter Cartridge			
Stage 2:	RFIRC20-BB	20" Radial Flow Iron Reduction Cartridge			

**Total system size does not include additional space needed for plumbing connections and/or sump removal/filter changes