

# BAF Series Chemical Free Iron Filter

---

## Remove Stubborn Iron Without Chemicals

The BAF Chemical Free Iron Filter is not only very low maintenance it also regenerates less frequently than traditional iron filters using up to 50% less water. Natural oxidation removes iron without chemicals, air pumps or venturi's.

Incoming raw water passes through a compressed pocket of air contained in the first tank. The air precipitates the iron into solid form and is removed when it passes through the filters birm media bed contained in the second tank. Birm acts as a catalyst in the reaction between iron and oxygen that also causes the iron to precipitate into a solid.

As more water passes through the unit the air becomes depleted and the birm becomes overloaded with the iron. Periodic automatic regeneration replenishes the supply of air and cleans the media of filtered iron. Birm is not consumed in the iron removal process and therefore is much more economical than many other iron removal processes.

*Clean, Clear  
and Odor Free*





Features:



No confusing codes or symbols.

- ✓ Natural oxidation removes iron without chemicals, air pumps or a venturi
- ✓ Low maintenance two tank system
- ✓ Regenerate less frequently than traditional iron filters using up to 50% less water than manganese greensand filters
- ✓ Exclusive NSF Certified electronic control valve with seven year warranty featuring proven piston, seal & spacer technology
- ✓ Fully adjustable cycles allow customization to the most efficient settings based on specific water quality requirements
- ✓ A 'No Touch' rotating LCD information display continuously displays real time performance data: time/date, capacity, last regeneration date, volume remaining (gallons), current flow rate, peak flow rate, regeneration time
- ✓ Meter Immediate, Meter Delayed, Meter with Day Override, Vacation and Calendar Clock mode
- ✓ Energy efficient. Uses approximately \$1.19\* in electricity annually
- ✓ NSF Certified fibreglass pressure tank with lifetime warranty
- ✓ Unique precision turbine meter is incorporated in system bypass valve – saving space over 4" of floor space
- ✓ Time saving quick connect fittings on brine line, drain line (with O-ring seal) and power cord for fast and easy installations

Item #	Model	Media Cu Ft	Flow Rate USGPM			Mineral Tank Size	Air Contact Tank	Pipe Size Inches	Ship Weight Lbs
			Service	Peak	Backwash				
15050050	CAN565BAF-100	1.0	3.0	5.0	5.0	10 x 44	8 x 44	1/2" - 1"	100
15050068	CAN565BAF-150	1.5	4.0	8.0	5.0	10 x 54	10 x 54	1/2" - 1"	201

\* Based on \$0.10069 KW/Hr rate.



www.canaturena.com  
 Canature North America Inc.  
 Canature USA Inc.

Your Local Water Professional: