Hydrotech

BIF Series Filter System

Remove Stubborn Iron, Manganese and Sulphur Without Chemicals

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 media bed contained in the second tank. The media 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 media becomes overloaded with the iron. Periodic automatic regeneration replenishes the supply of air and cleans the media of filtered iron.

89 BIF - CHEMFREE IRON & HYDROGEN SULFIDE FILTER

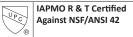
ì	Part #	Model	Resin Tanks Size & Colour	Weight (LBS)			
	89 Series 1" DownFlow						
	15550916-1	HT89DF-100BIF	10x44 - Natural	150			
ı	15550917-1	HT89DF-150BIF	10x54 - Natural	188			
	15550918-1	HT89DF-200BIF*	12x52 - Natural	248			
	15550919-1	HT89DF-300BIF*	14x65 - Natural	368			

565 BIF - CHEMFREE IRON & HYDROGEN SULFIDE FILTER

Part #	Resin Tanks		Weight (LBS)
15550928-1	HT565-100BIF	10x44 - Natural	150
15550929-1	HT565-150BIF	10x54 - Natural	188

*Media not loaded in mineral tank.

Clean, Clear, Iron, Manganese and Sulphur-Free Water





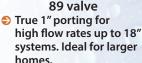
Features:

- Exclusive NSF Certified electronic control valve (systems available) with Hydrotech 89 and 565 control valves)
- Natural oxidation removes iron, sulfur and manganese 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 single tank iron filters
- Lifetime Warranty on NSF Certified fibreglass tanks
- Seven Year Warranty on NSF Certified control valve
- Meter Immediate, Meter Delayed, Meter with Day Override, Vacation and Calendar Clock mode
- Adjustable cycle times
- Unique bypass with an integrated space saving turbine meter and sample port on the inlet. One-piece design avoids meter jamming
- Time saving quick connect fittings on bypass
- Quick connect drain line o-ring eliminates need for Teflon
- Power cord even has quick connect for easy valve spin on
- Hose clamp and 10' of drain tubing included

Specifications	BIF-100	BIF-150	BIF-200	BIF-300	BIF-400	BIF-500		
Specifications	BIFMN-100	BIFMN-150	BIFMN-200	BIFMN-300	BIFMN-400	BIFMN-500		
Typical Service Flow Rate	3.0 gpm	4.0 gpm	5.0 gpm	6.0 gpm	7.0 gpm	9.0 gpm		
Peak Flow Rate	6.0 gpm	10.0 gpm	12.0 gpm	14.0 gpm	16.0 gpm	18.0 gpm		
Backwash Flow Rate	5.0 gpm	5.0 gpm	7.0 gpm	10.0 gpm	14.0 gpm	21.0 gpm		
Filter Media Volume (ft3)	1.0 ft	1.5 ft	2.0ft	3.0 ft	4.0 ft	5.0 ft		
Filter Tank Size	10x44	10x54	12x52	14x65	16x65	18x65		
Air Contact Tank Size	10x44	10x54	12x52	14x65	116x65	18x65		
Shipping Weight	150 lbs	188 lbs	248 lbs	368 lbs	443 lbs	518 lbs		
Media Loaded	Yes	Yes	No	No	No	No		
Maximum Iron	30.0 ppm							
Hydrogen Sulfide	3.0 ppm							
Manganese	ganese BIF Model 0.0 ppm / BIFMN Models up to 1.0 ppm							
Iron Bacteria Removal	val No							
рН	BIF Models pH 7.0 - 8.5 / BIFMN Models pH 6.5 -6.9							
Plumbing Connections	3/4" 90° elbow and 1" Straight NPT Adaptors							
Plumbing Connections	(89 Control Valve 1" Straight only)							
Electrical Requirements Input			120V 60 Hz - Output 12V 650mA					
Nater Temperature Min 39 - Max. 100° F								
Water Pressure	Min. 20 - Max. 125 psi							

Note: BIF/BIFMN systems using 565 Controls only available on 1.0 and 1.5 cubic foot units At stated service flow rates the pressure drop through these devices will not exceed 15 PSIG Do not use where microbiologically unsafe





- Large Backlit LCD display screen with 4 line / 80 character touch pad screen.
- Seven Year Warranty



565 valve Simple user friendly 2 line /32 character display

- Rotating 'No Touch' Information Display (i.e. Date last regenerate, volume remaining)
- Seven Year Warranty







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www.hydrotechwater.com

Regina, SK • Cambridge, ON • Whitestown, IN • Houston, TX

TOLL-FREE: 1-877-288-9888

Your Local Water Treatment Professional