

# NOVOCLEAR TWO TANK IRON FILTER SYSTEM



## REMOVE STUBBORN IRON 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. The media is not consumed in the iron removal process and therefore is much more economical than many other iron removal processes.



# NOVOClean

NOVOCLEAR 465 BIF SERIES  
TWO TANK IRON FILTER SYSTEM

## BIF SERIES

Chemical Free Iron Filter



### FEATURES:

- 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 manganese greensand 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

Item #	Model	Media Cu Ft	Flow Rate USGPM			Mineral Tank Size	Air Contact Tank	Pipe Size Inches	Ship Weight Lbs
			Service	Peak	Backwash				
15050051	NVO465BIF-100	1.0	3.0	5.0	5.0	10 x 44	8 x 44	3/4"	100
15050067	NVO465BIF-150	1.5	4.0	8.0	5.0	10 x 54	10 x 54	3/4"	201
15050071	NVO465BIFMN-100	1.0	3.0	5.0	5.0	10 x 44	8 x 44	3/4"	100
15050072	NVO465BIFMN-150	1.5	4.0	8.0	5.0	10 x 54	10 x 54	3/4"	201

\*MN Models for low pH and/or high manganese applications

- Voltage 12V/60Hz (120V to 12V wall mount transformer included)
- Pipe Size 3/4"
- Max Water Temp = 110°F (43°C)

- Max Operating Pressure = 100 PSIG (689 kPa)
- At stated service flow rates the pressure drop through these devices will not exceed 15 PSIG
- Do not use where microbiologically unsafe

Manufactured by:



A Division of Canature NA  
Regina, SK Kitchener, ON  
www.novowater.com

Your Local Plumbing Professional:

