

Glass Water Systems

Hills: (813) 832-9293 * National: 1-877-345-2770



Nelsen AIO™ Air Injection Oxidizing Filter System

The Nelsen AIO™ Air Injection Oxidizing Filter System, as a single tank system, is an efficient and cost effective system for the removal of iron and sulphur. The Nelsen AIO™ maintains an “air pocket” in the top of the tank while the system is in service. As the water passes thru the air pocket, iron and sulphur are oxidized. Additionally, dissolved oxygen is added to the water. The Nelsen AIO™ filter media bed then removes the iron and sulphur from the water.

The Nelsen AIO™ can remove up to 8 ppm Hydrogen Sulfide and up to 7 ppm Iron. A daily backwash will remove accumulated iron and replenish the filter media bed. The regeneration process also adds a fresh air pocket to the system.

The Nelsen AIO™ system comes equipped with either a Fleck 2510SXT or 5600SXT air injection control head that automatically backwashes the system daily to clean the media and flush everything down the drain. By utilizing a patented piston in the control valve, the Nelsen AIO™ is able to put the whole oxidation process inside one tank, keeping maintenance costs and down time to a minimum.

The systems include 3/4" by-pass valve, Structural mineral tank and all necessary media and support bed for individual application.

General Specifications For Nelsen AIO™ Systems

Model Number	Mineral Tank Size	Service Flow - Max.	Backwash Minimum	Ferrous Iron - ppm	Sulfur ppm	pH Minimum
AIO-5610-FE	10" x 44'	7.0	5.0	7	4	6.8
AIO-5610T-FE	10" x 54'	8.0	5.0	7	4	6.8
AIO-5610-S	10" x 54'	8.0	5.0	2	8	6.8
AIO-5610T-S	10" x 54'	8.0	5.0	2	8	6.8
AIO-10T-FE	10" x 54'	8.0	5.0	7	4	6.8
AIO-12-FE	12" x 52'	11.5	7.0	7	4	6.8
AIO-13-FE	13" x 54'	13.0	7.0	7	4	6.8
AIO-10T-S	10" x 54'	8.0	5.0	2	8	6.8
AIO-12-S	12" x 52'	11.5	7.0	2	8	6.8
AIO-13-S	13" x 54'	13.0	7.0	2	8	6.8

WARRANTY 5 YEARS ON ALL CONTROLS • 10 YEARS ON ALL TANKS • 1 YEAR COMPLETE SYSTEM



**9402 U.S. 92
TAMPA, FL. 33610**

