PRODUCT DATA SHEET

Model HPAF-500
Dual Bed Water Filter

Tetrasolv FILTRATION

Product Description

This system is designed to be used in aqueous phase treatment of groundwater or wastewater, and has the ability to remove contaminants to a very low level. The influent stream can be sent through the system in either series or parallel flow.

Technical Specifications

Weights and Measures

Max. Flowrates	Up to 25 gpm in series - or 50 gpm in parallel *(media/ application dependent)*
Max. Pressure	75 psi
Max. Temperature	250°F
Max. Height	6'3"
Width	46" *(skid)*
Length	74" *(skid)*
Diameter	30" *(each vessel)*
Shipping Weight	2,580lbs. total *(equipment – 1,580 lbs; activated carbon – 1,000 lbs)*
Operating Weight	3,900 lbs

Wetted Materials

Carbon Steel	Shell and heads
304 Stainless Steel	Bottom underdrain; Upper distributor header
Neoprene	Manway gaskets
Sherplate 600 (NSF Approved)	Internal Liner

Filter Media

Types	Activated Carbon Ion Exchange Resins Organoclay Medias Specialty Media
Volume	20 cu. ft per vessel *(40 cu. ft. total capacity)*
Weight	~500 lbs. each vessel *(1,000 lbs. total) for activated carbon*

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	2" Flanged connection w/ sch. 80 piping
Backwash In/ Out	2" Flanged connection w/ sch. 80 piping
Manifold Valves	2" Lever-operated cast iron butterfly
Internals	Lower Distributor: 2—2" diameter laterals 304 SS Upper Distributor: 2" open end riser 304 SS Drain—1/2"
Vessel Interior Access	Top manway – 14"x18"

444 East 29th Street - Anderson, Indiana 46016

Phone: (765) 643-3941 www.tetrasolv.com

Revised Jan 2023

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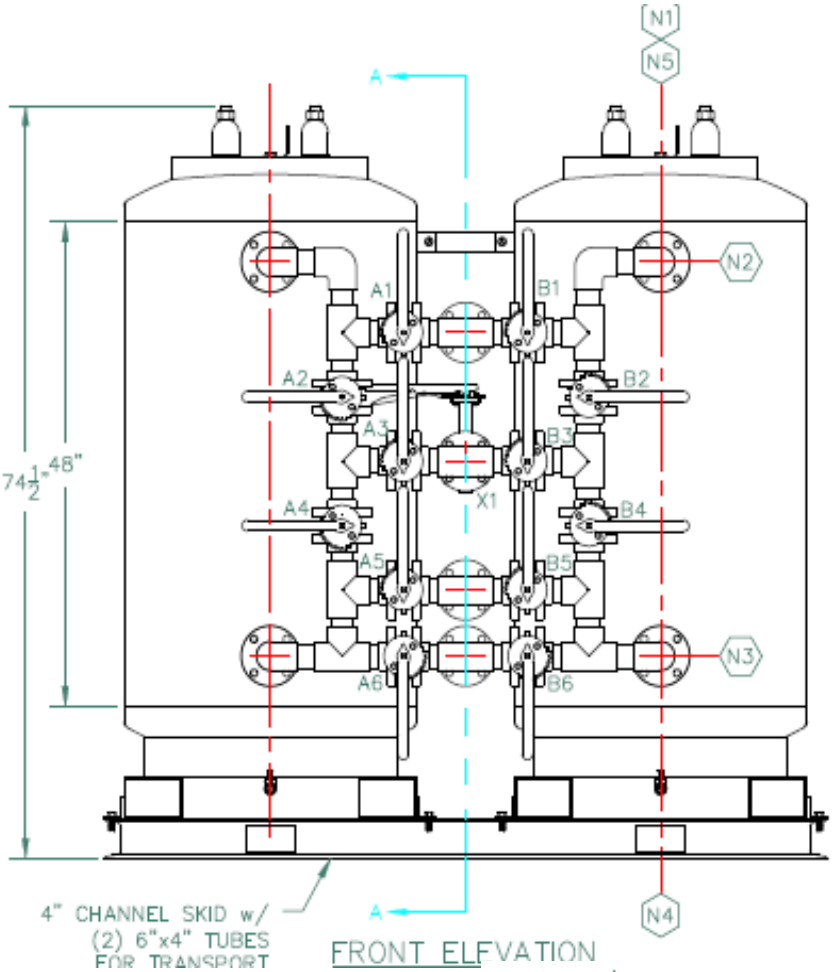
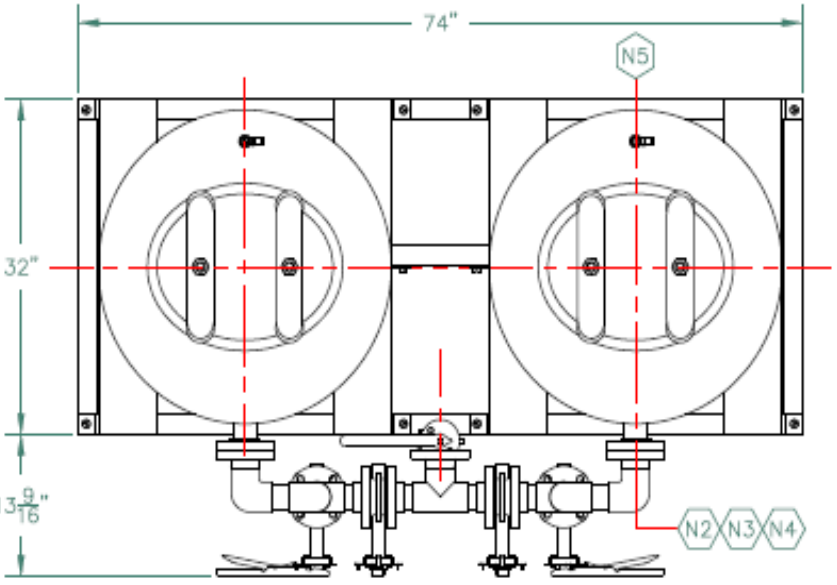


FRONT ELEVATION



PLAN VIEW

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