Data Sheet

Dual Model HPAF-5K 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 165 gpm in series - or 330 gpm in parallel *(media/ application depend- ent)*
Max. Pressure	75 psi
Max. Temperature	150°F
Max. Height	9'11"
Width	7'10" *(skid)*
Length	13' *(skid)*
Diameter	72" *(each vessel)*
Shipping Weight	13,600 lbs. total *(equipment – 9,600 lbs; activated carbon – 4,000 lbs)*
Operating Weight	37,800 lbs.

Wetted Materials

Carbon Steel	Shell and heads
304 Stainless Steel	Bottom under- drain; Upper dis- tributor header
Neoprene	Manway gaskets
Sherplate 600(NSF Ap- proved), optional Plasite 4110	Internal Liner

Filter Media

Types	Activated Carbon Ion Exchange Resins Organoclay Medias Specialty Media
Volume	196cu. ft per vessel *(392 cu. ft. total capacity)*
Weight	~5,000 lbs. each vessel *(10,000 lbs. total) for activated carbon*

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	4" Flanged connection w/ sch. 80 piping
Backwash In/ Out	4" Flanged connection w/ sch. 80 piping
Manifold Valves	4" Lever-operated cast iron butterfly
Internals	Lower Underdrain: 3/4" 304 SS Upper Distributor: 4" header/4" open end riser
Vessel Interior Access	type constructed of 304 SS Top manway – 12"x16"

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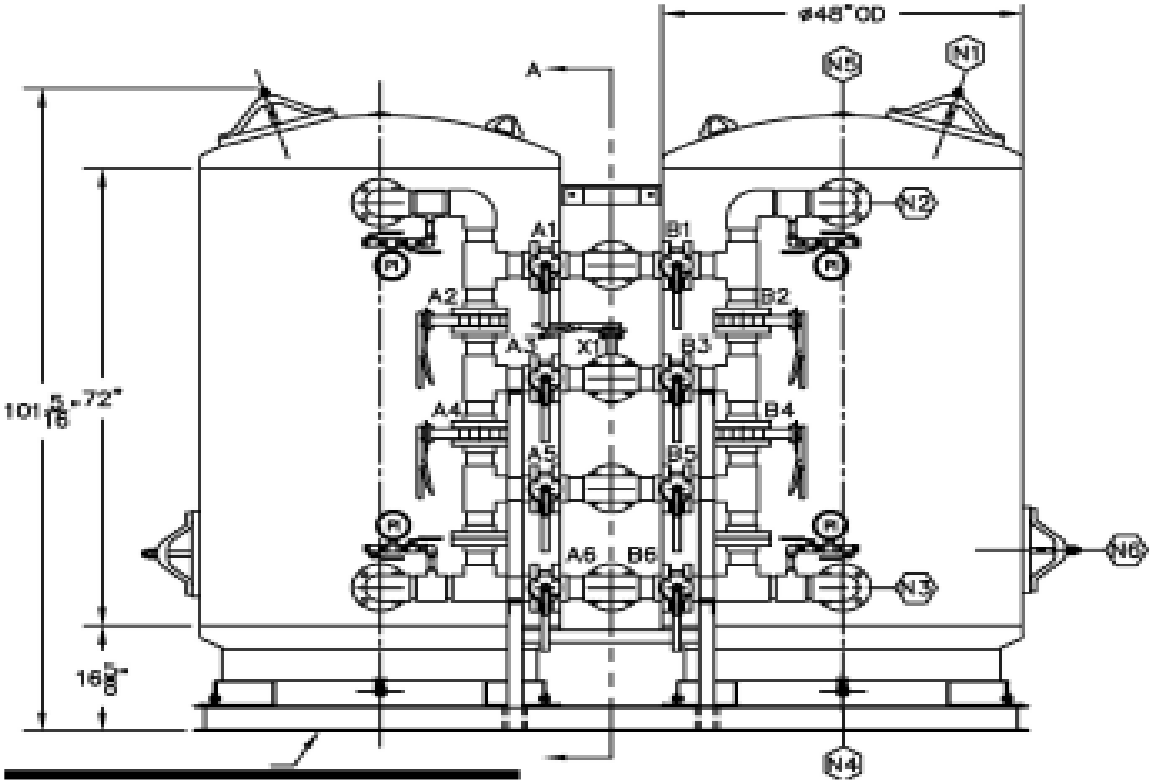

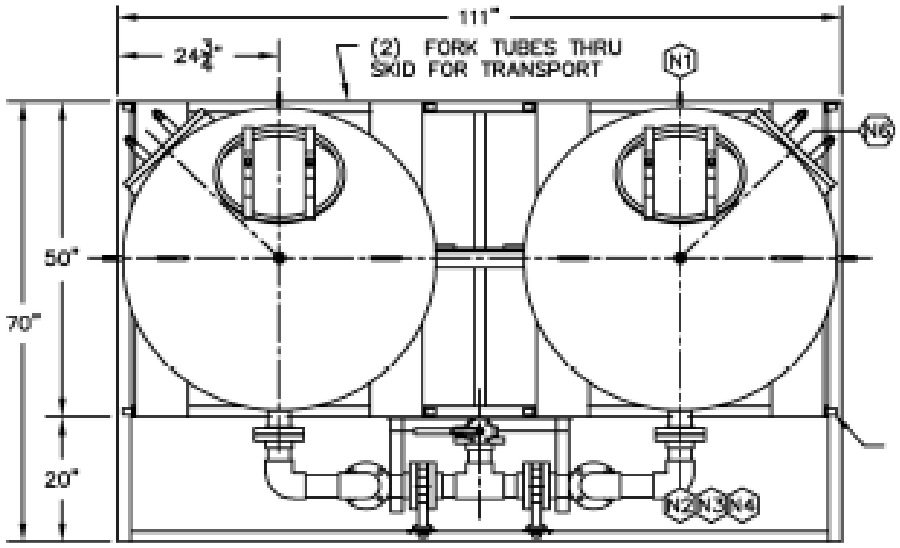

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