Data Sheet

Dual Model HPAF-10K 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 600 gpm in series - or 1200 gpm in parallel *(media/application dependent)*
Max. Pressure	75 psi
Max. Temperature	150°F
Max. Height	14'-10"
Width	12' *(skid)*
Length	20' *(skid)*
Diameter	96" *(each vessel)*
Shipping Weight	41,100 lbs. *(equipment – 21,100 lbs; activated carbon – 20,000 lbs)*
Operating Weight	81,100 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	320 cu. ft per vessel *(640 cu. ft. total capacity)*
Weight	~10,000 lbs. each vessel *(20,000 lbs. total) for activated carbon*

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	6" Flanged connection w/ sch. 80 piping
Backwash In/ Out	6" Flanged connection w/ sch. 80 piping
Manifold Valves	6" Lever-operated cast iron butterfly
Media Removal	4" 304 SS slurry
Internals	Lower Underdrain: 6" 304 SS Upper Distributor: 6" header/3" open end riser type constructed of 304 SS
Vessel Interior Access	Top manway – 12"x16" elliptical Side manway – 20" round

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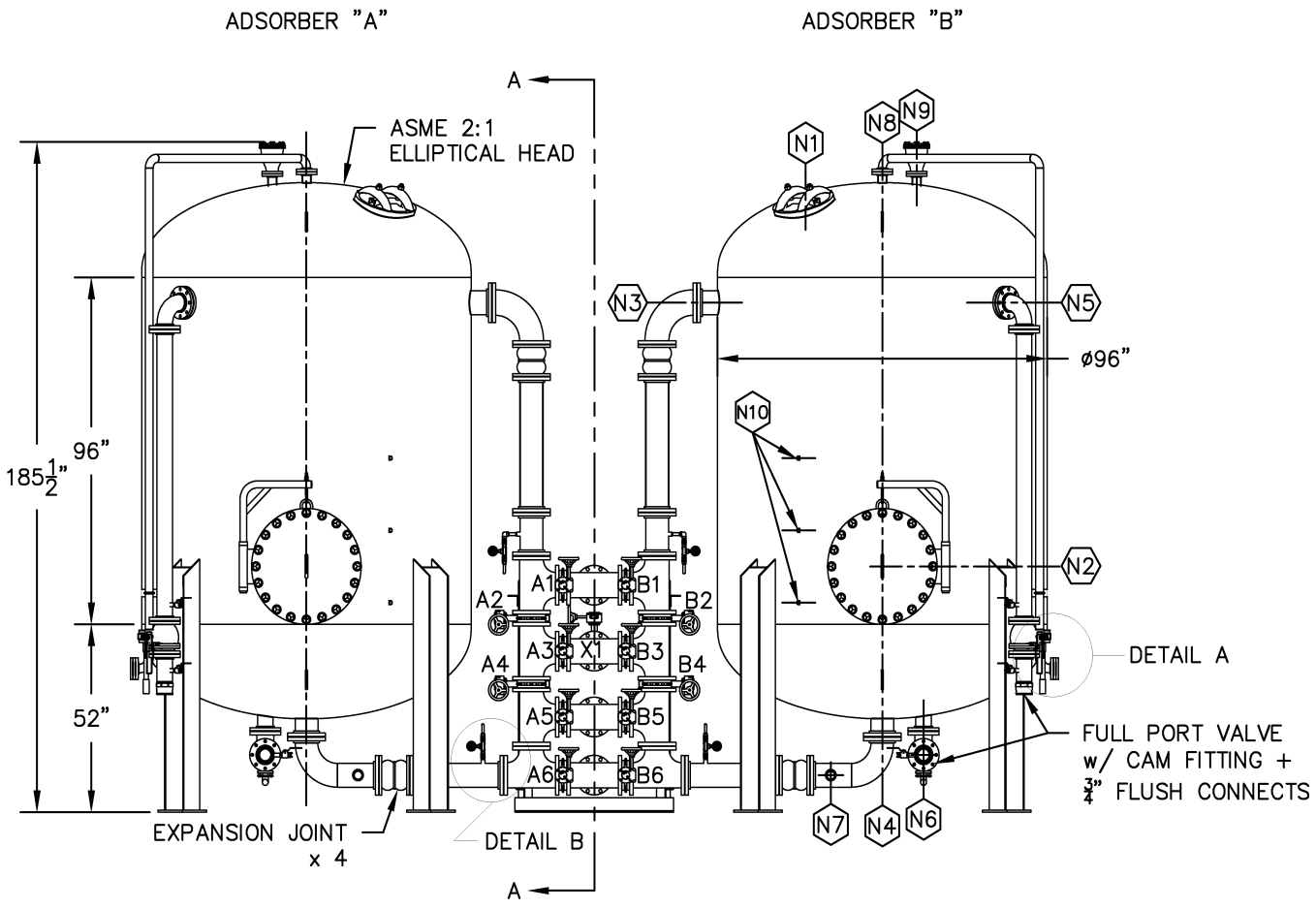

FRONT ELEVATION

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