PRODUCT DATA SHEET

Model HPAF-10000
Single Bed Water Filter

Tetrasolv FILTRATION

Product Description

This filter 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.

Technical Specifications

Weights and Measures

Max. Flowrates	Up to 300 gpm
Max. Pressure	75 psi
Max. Temperature	250°F
Max. Height	10’9”
Width	96”
Length	96”
Diameter	96"
Shipping Weight	4,800 lbs Equipment 10,000 lbs Activated Carbon 14,800 lbs Total
Operating Weight	38,000 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	450 cu. ft
Weight	~10000 lbs for activated carbon

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	6" Flanged
Internals	Lower Distribution: 304 SS Hub and (6) 3” laterals Upper Distributor: 6” open end riser Drain— 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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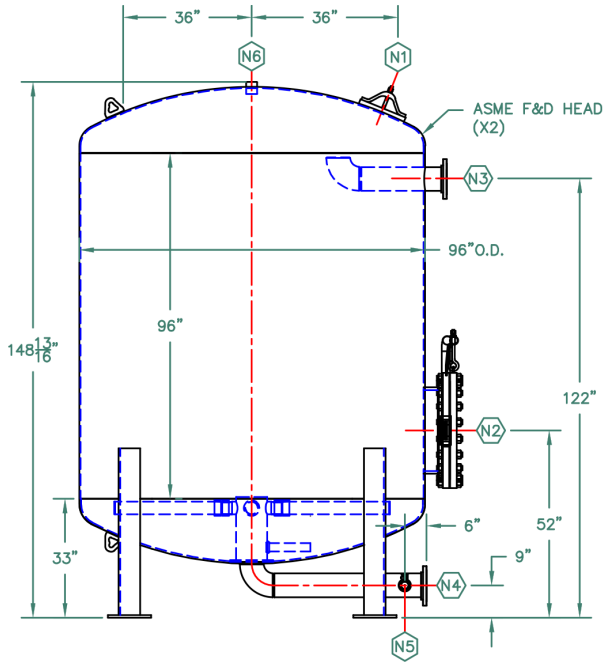
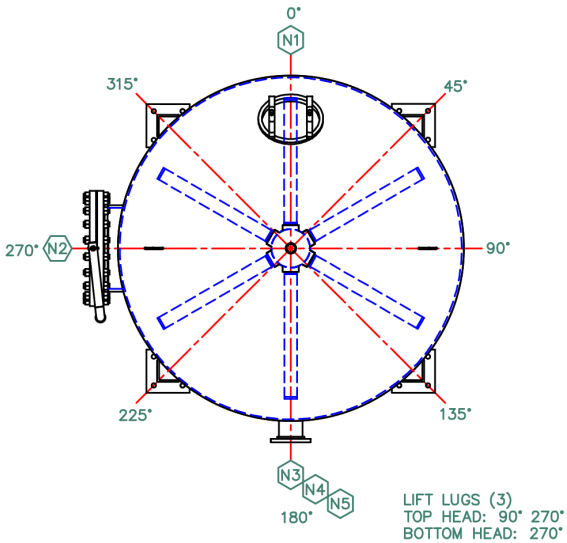
Tetrasolv FILTRATION

SCHEDULE OF OPENINGS		
ID	*DESCRIPTION*	*SERVICE*
N1	14" x 18" ELLIPTICAL MANWAY	UPPER TANK ACCESS
N2	20" CIRCULAR MANWAY w/ DAVIT	LOWER TANK ACCESS
N3	6" 150# RFSO ANSI FLANGE	PROCESS INFLUENT
N4	6" 150# RFSO ANSI FLANGE	PROCESS EFFLUENT
N5	2" 3000# FNPT FULL COUPLING	DRAIN w/ BALL VALVE
N6	1" 3000# FNPT FULL COUPLING	VENT w/ PILOT

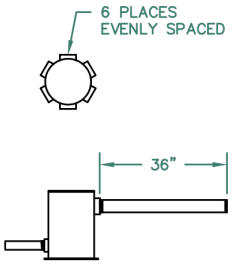
TETRASOLV HPAF-10,000
NON-CODE 75PSI



ELEVATION VIEW
NOT TRUE ORIENTATION



PLAN VIEW
TRUE ORIENTATION



INTERNALS
304 SS w/ 0.012" SLOTS

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