PRODUCT DATA SHEET

Model HPAF-5000
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 165 gpm
Max. Pressure	75 psi
Max. Temperature	150°F
Max. Height	9'8"
Width	72"
Length	72"
Diameter	72"
Shipping Weight	2,490 lbs Equipment 5,000 lbs Activated Carbon 7,490 lbs Total
Operating Weight	17,900 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	196 cu. ft
Weight	~5000 lbs for activated carbon

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	4" FNPT
Internals	Lower Distributor: 2—4" diameter laterals 304 SS Upper Distributor: 4" open end riser 304 SS Drain—1"
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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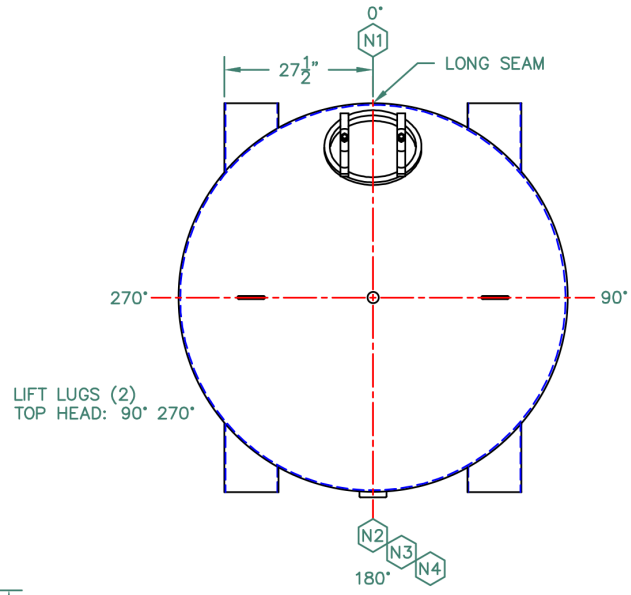
Tetrasolv FILTRATION

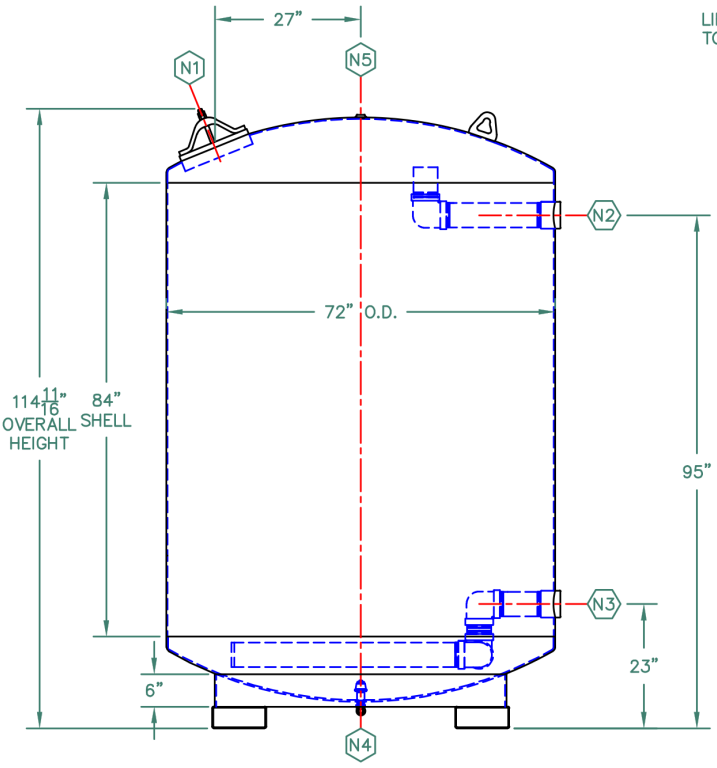
SCHEDULE OF OPENINGS		
ID	*DESCRIPTION*	*SERVICE*
N1	14" x 18" ELLIPTICAL MANWAY	TANK ACCESS/MEDIA LOADING
N2	4" 3000# FNPT FULL COUPLING	PROCESS INFLUENT
N3	4" 3000# FNPT FULL COUPLING	PROCESS EFFLUENT
N4	1" 3000# FNPT FULL COUPLING	DRAIN w/ BALL VALVE
N5	1/2" 3000# FNPT FULL COUPLING	VENT w/ PILOT

TETRASOLV HPAF-5,000
NON-CODE 75PSI

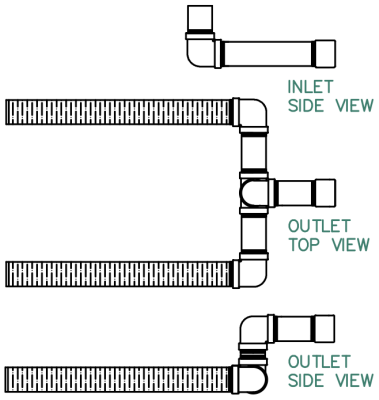
DRAIN DETAIL



PLAN VIEW
TRUE ORIENTATION



ELEVATION VIEW
NOT TRUE ORIENTATION



INTERNALS
TP304 SCREEN w/ 0.012" SLOTS

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