PRODUCT DATA SHEET

Model HPAF-500
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 25 gpm
Max. Pressure	75 psi
Max. Temperature	150°F
Max. Height	5'11"
Width	30"
Length	30"
Diameter	30"
Shipping Weight	350 lbs Equipment 500 lbs Activated Carbon 850 lbs Total
Operating Weight	1,700 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
Weight	~500 lbs for activated carbon

Miscellaneous

Vessel Code	Available in ASME Code stamped
Service In/Out	2" FNPT
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

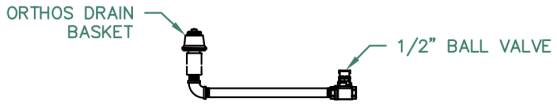
Revised Jan 2023

PRODUCT DATA SHEET

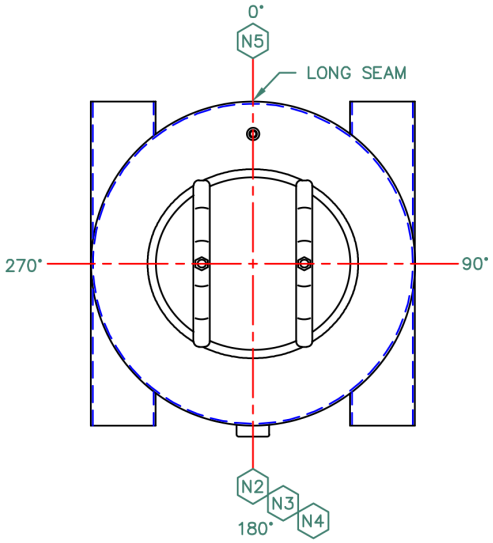
Tetrasolv FILTRATION

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

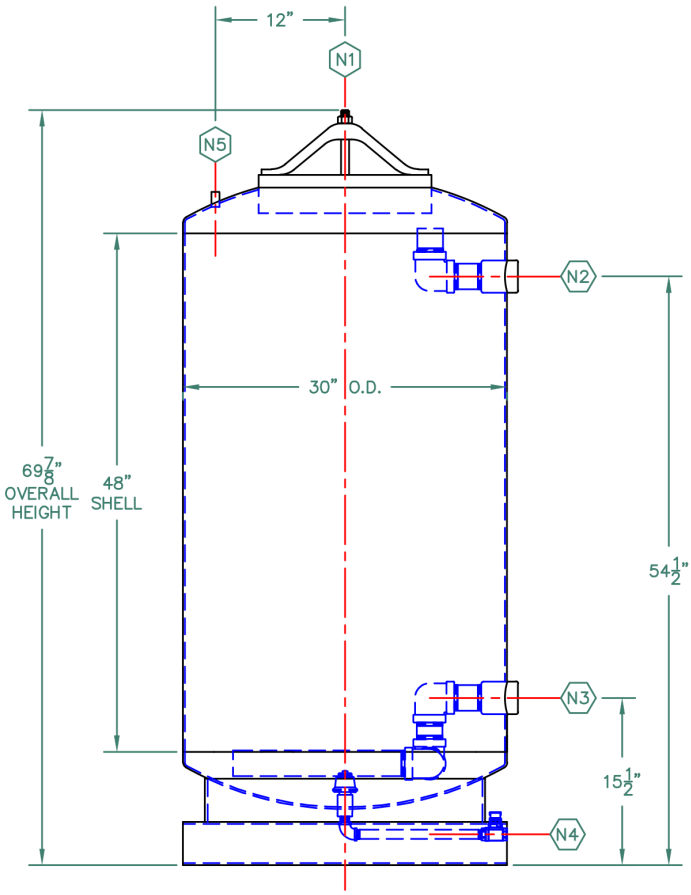
TETRASOLV HPAF-500
NON-CODE 75PSI



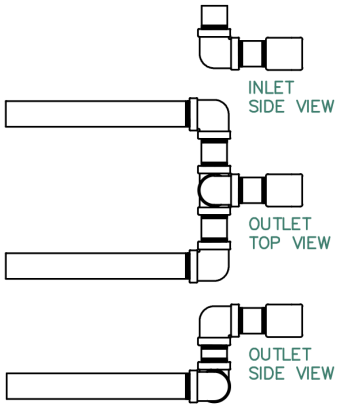
DRAIN DETAIL



PLAN VIEW



SIDE ELEVATION



INTERNALS
TP304 SS w/ 0.012" SLOTS

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