



ERTELALSOP

THE FIRST NAME IN LIQUID FILTRATION™

ELECTRIC UTILITY & POWER GENERATION FILTRATION SYSTEMS

The ErtelAlsop series of utility filter units are available in Portable Carts, Handtruck or Over-the-Road Trailer Designs. The versatility and performance of our equipment; coupled with the ErtelAlsop Pak® concept of liquid filtration, yields clean, cost-effective filtration of insulating oils to a standard that meets the original manufacturers specifications.

The filtration of insulating and lubricating oils, such as circuit breaker oil, transformer oil and turbine lubricants is essential to prevent costly downtime for utility companies and industrial power generation facilities. The common contaminants found in these oils are carbon particulate, water, and varnish.

Equipment designs are available for flow rates ranging from 15 GPM to 50 GPM. Continuous improvements and innovations allow ErtelAlsop to maintain their position as a leader in the liquids processing industry. We are "The Quality Standard™" by which others are measured.

Filtration systems are available tailored to your specific requirements, including Baseplate Utility Carts, Handtruck Units, and Over-the-Road Trailers. ErtelAlsop can assemble a system to suit your application.

STANDARD FEATURES

- Carbon steel construction, painted utility yellow
- Fully enclosed design
- Portable with integrated wheels

APPLICATIONS

- Transformer Oil
- Circuit Breaker Oil
- Turbine Lube Oil

OPTIONAL FEATURES

- Ergonomic Horizontal or Vertical Filter Housing
- Over-The-Road Systems
- Complies with DOT Regulations
- Enclosed or Open Trailer Systems
- Portable Cart Designs
- Hand Truck Designs



- Designed to your requirements
- Carbon Steel Painted Filter Units
- Stainless Steel Filter Units
- 50 gallon to 550 gallon make up tanks
- Positive Displacement Process Pumps
- NPT Fittings
- Quick Valve Disconnects
- 3 Way Valves— Allows transfer without filtration
- 4 Way Valves— Allows for recirculation without disconnecting hoses
- Inlet/Outlet Process Liquid Hoses
- Hose reels
- Vacuum Pumps
- Differential Pressure Gauges
- Differential Pressure Switches
- Auto Air Vents

ELECTRIC UTILITY & POWER GENERATION



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PORTABLE BASEPLATE UTILITY SYSTEM

MODEL NUMBER	12UX1VWFSN515B	12UX3VWFSN530B	12UX4VWFSN550B	12UX4VWFSN575B
RATED FLOW RATE	15 GPM	30 GPM	50 GPM	75 GPM
NUMBER OF PAKS	1	3	4	4
MAX FILTRATION AREA	10.4 ft ²	31.2 ft ²	41.6 ft ²	41.6 ft ²
HOUSING ORIENTATION	Vertical	Vertical	Vertical	Vertical
MOTOR HORSEPOWER	.75 hp	2 hp	3 hp	5 hp
ELECTRICAL SPECS	1 phase 60hz/115-230V	3 phase 60hz/230-460V	3 phase 60hz/230-460V	3 phase 60hz/230-460V
INLET/OUTLET	1 In. NPT	1.5 In. NPT	2.5 In. NPT inlet 1.5 In. NPT outlet	2.5 In. NPT inlet 1.5 In. NPT outlet
INVERTED BASE	20 In. x 30 In.	32 In. x 32 In.	36 In. x 36 In.	36 In. x 36 In.
CASTER DIAMETER	6 In.	6 In.	8 In.	8 In.

STANDARD FEATURES

- External flow control by-pass
- Inlet pressure gauge
- Y-Type Inlet strainer
- Automatic air vent
- Filter drain
- One manual air vent
- 3-Way Valve to allow transfer without filtration
- Drain valve on base plate
- Buna-N cylinder gasket
- Cylinder welded to base
- Pak® Puller lift rack for filter removal

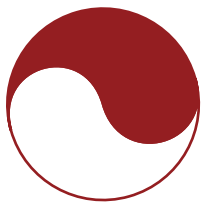
OPTIONAL FEATURES

- Flanged and Hinged Head
- 1 Phase motor
- Horizontal Configuration
- Motor Starting Switch
- Type F Brass Quick Connect fittings
- 25 ft Buna-N hose with Quick Connect fittings
- Automated motor shutoff
- 4-Way Valve to allow recirculation without disconnecting hoses



*Model 12UX3VFFSN530B shown
Including:

- Model HL 195 Pump
- Variable Speed Drive.



ERTELALSO

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HANDTRUCK UTILITY SYSTEM

MODEL NUMBER	12UX1VWFSN515HT	12UX2VWFSN520HT	12UX3VWFSN530HT
RATED FLOW RATE	15 GPM	20 GPM	30 GPM
NUMBER OF PAKS	1	2	3
MAX FILTRATION AREA	10.4 ft ²	20.8 ft ²	31.2 ft ²
HOUSING ORIENTATION	Vertical	Vertical	Vertical
HORSEPOWER	1 hp	1.5 hp	2 hp
ELECTRICAL SPECS	3 phase 60hz/230-460V	3 phase 60hz/230-460V	3 phase 60hz/230-460V
INLET/OUTLET	1.5 In. NPT	1.5 In. NPT	1.5 In. NPT

STANDARD FEATURES

- 9 In. pneumatic wheels
- Inlet pressure gauge
- Y-Type Inlet strainer
- Automatic air vent
- Filter drain
- One manual air vent
- Buna-N cylinder gasket
- Cylinder welded to base
- Pak® Puller lift rack for filter removal



OPTIONAL FEATURES

- Flanged and Hinged Head
- 1 Phase motor
- Motor Starting Switch
- Type F Brass Quick Connect fittings
- 25 ft Buna-N hose with Quick Connect fittings
- Automated motor shutoff
- 4-Way Valve to allow recirculation without disconnecting hoses

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OVER-THE-ROAD TRAILER SYSTEM



*ErtelAlsop trailer systems are designed to meet the specifications of the customer. Please inquire for more information.

FEATURES

- Ergonomic Horizontal or Vertical Filter Housing Design
- Complies with DOT Regulations
- Enclosed or Open Trailer Systems
- Designed to your requirements
- 50 gallon to 550 gallon make up tanks
- Positive Displacement Process Pumps
- NPT Fittings
- Quick Valve Disconnects
- 3 Way Valves—Allows transfer without filtration
- 4 Way Valves— Allows for recirculation without disconnecting hoses
- Inlet/Outlet Process Liquid Hoses
- Hose reels
- Automated motor shutoff

	ZETA-PAK®	ZETADRI-PAK®	DISC-PAK®	AQUAKV PAK®
FILTER MEDIA MATERIALS	Cellulose, Diatomaceous Earth (DE) and Wet-Strength Resin	Cellulose, Diatomaceous Earth (DE) and Wet-Strength Resin with additional water	100% Cellulose Media	100% Cellulose Media with additional water absorbing capability
FILTER AREA	Up to 10.4 ft ² per cartridge with 6-9 Lenticular cells			
FEATURES	Polypropylene molded construction with Buna-N gaskets			



For additional product information visit ErtelAlsop.com
 Technical Bulletin
 Utility-13

Your Local Distributor

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Keep in touch.

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