ERTELALSOP
The First Name in Liquid Filtration™

CANNASKID
4-stage Lenticular Filtration System

If you're having issues with filtering your cannabis/hemp biomass or ethanol extractions, we feel your pain. That's why ErtelAlsop has designed the perfect solution: An optimized 4-stage filter train to achieve desired clarity and color, which includes four different filters in one filtration assembly skid. All of your filtering needs can be handled with our skid, including pre-filtration, particulate and haze removal, wax removal, decolorization, and final trap fine particulate removal.

Standard Features
- Stainless Steel Frame with Casters and Handles
- 1.5-inch Stainless Steel Piping and Connections
- Air driven Pump to control flow from 0-15 GPM
- Housings - (2)12" Lenticular, Bag and Cartridge
- 0-60 psi stainless steel Pressure Gauges
- V-Band Clamp Closures
- Sight Glass for Color/Clarity Monitoring
- Housing Vents and Inlet/Outlet Drains

Optional Features
- 16-inch Lenticular Housings
- Stainless Steel Jacket for liquid heating or cooling
- Explosion proof electric motor (C1D1) if required
- ASME Code
- Swing Bolt Closures
- Recirculation Valves
- Positive Displacement Gear Pump for 20-50gpm

Applications
- Pre-Filtration
- Dewaxing
- Clarification
- Decolorization
- Final Fine Particulate Removal

Advantages
- Efficient processing all in one Assembly
- All Filters Plumbed Together Neatly
- No Hoses to Trip Over
- Easy to Clean
- One Stop Shopping

Product Testing
Product testing is always available either at your facility, through our network of distributors, or at our in-house laboratory.

Filter Media
As with all ErtelAlsop lenticular filter housing models, media is available for any application and/or operating condition, and is chosen based on your specific operating conditions, the performance required by the filtering media, and criteria given to us by you and/or by sample processing we do in our lab.

ErtelAlsop offers the widest varieties of filter media including 100% cellulose pads, cellulose and diatomaceous earth pads, cellulose and Celpure® diatomaceous earth pads, cellulose and perlite pads, and cellulose and activated carbon pads. We also manufacture lenticular filter cartridges, filter paper, filter caputsulrs and filter cloth, all available in various media grades.

All filter pads are manufactured to very high standards for a wide range of applications in the pharmaceutical, chemical, cosmetic, electric utility and food and beverage markets. ErtelAlsop also offers a Validation Guide to assist in the validation of its filter pads in your process. The Validation Guide contains information regarding raw materials, extractables, and general information about the product. The combination of ErtelAlsop "P" grade filter pads and ErtelAlsop's BioClean™ plate and frame filter press design, can help to simplify your depth filtration validation now more than ever.

LENTICULAR PAK® FILTERS

SPECIFICATIONS	12PY1		12PY2		12PY3		12PY4	
Material of Construction	316 Stainless Steel		316 Stainless Steel		316 Stainless Steel		316 Stainless Steel	
Gasket Material	EPDM		EPDM		EPDM		EPDM	
Standard Height	38.6 in	(981 mm)	49.5 in	(1257 mm)	60.7 in	(1542 mm)	71.6 in	(1819 mm)
Standard Width - Base	19.1 in	(485 mm)	19.1 in	(485 mm)	19.1 in	(485 mm)	19.1 in	(485 mm)
Standard Width - Dome	12.75 in	(324 mm)	12.75 in	(324 mm)	12.75 in	(324 mm)	12.75 in	(324 mm)
Weight - Empty	75 lbs	(34.1 kg)	93 lbs	(42.0 kg)	114 lbs	(51.8 kg)	132 lbs	(59.7 kg)
Volume - Empty	1809 in^3	(29.7 l)	3185 in^3	(29.7 l)	4569 in^3	(74.9 l)	5946 in^3	(97.5 l)
Volume w/Pak Cartridge	1222 in^3	(20 l)	2025 in^3	(33.2 l)	2837 in^3	(46.5 l)	3641 in^3	(59.7 l)
Media Diameter	12 inch	(305 mm)	12 inch	(305 mm)	12 inch	(305 mm)	12 inch	(305 mm)
Number of Cells per Pak	16		16		16		16	
Filter Area	18.5 ft^2	(1.72 m^2)	37 ft^2	(3.44 m^2)	55.5 ft^2	(5.16 m^2)	64 ft^2	(5.95 m^2)
Average Flow Rate	1 gpm/ft^2	(3.79 l/ m^2)	1 gpm/ft^2	(3.79 l/ m^2)	1 gpm/ft^2	(3.79 l/ m^2)	1 gpm/ft^2	(3.79 l/ m^2)

* Based on 16 cell Pak Cartridges. Cartridges can be constructed with 5-16 cells per Pak Cartridge depending on filtration area needed.
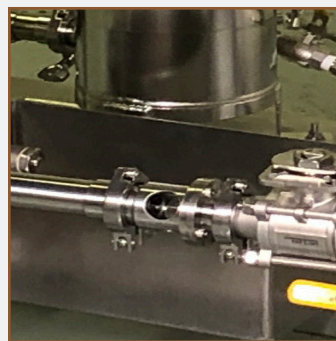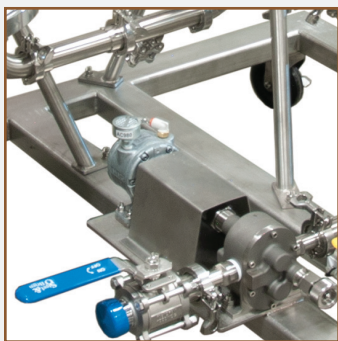
For additional product information visit **ErtelAlsop.com**

Technical Bulletin CS-1020

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