

# ERTELALSOP

THE FIRST NAME IN LIQUID FILTRATION

## LETRE 604

The Letre 604 Plate and Frame filter is the industry standard for filtration of critical liquids. These large volume, 24 in. sq. (60 cm), filter presses are designed to accept up to 100 filter pads, providing a filtration area of up to 319 sq. ft. (29.64 m<sup>2</sup>).

Letre 604 filters are fitted with four ports which can be configured for thorough washing. As with all of our internally ported filter assemblies, gaskets and washers are not required. In applications where sanitary designs are required, Letre 604 can be provided with BioClean™ filter plates.

The Letre 604 press may be used with carbon and/or filter aid, or with pretreated filter aid. Selection of inlet frame thickness will determine the volume of cake that can be accumulated and washed for product recovery.



### STANDARD FEATURES

- 316L SS
- BioClean™ Outlet Plates
- Internal Ports
- 1.5 inch Tri-Clamp Fittings
- Handwheel Closure with Ratchet Wrench Assistance
- Cart-Mounted

### OPTIONAL FEATURES

- Fifty (100) pad capacity expansion
- Variable Frame Thickness
- Dividing Heads
- Weld-Free Plate Design
- Thorough Wash Capability
- Diamond Configuration
- Hydraulic Closure
- Pressure Gauge
- Tubing
- Pump
- Motor

### APPLICATIONS:

- Cologne/Perfume
- Cough Syrups
- Flavors and Fragrances
- Small Volume Parenterals
- Blood Fractions
- Distilled Beverages
- Wine
- Vinegar
- Silicone

### PRODUCT TESTING

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

### PILOT TESTING - RENTALS

For in-plant testing and scale-up procedures, ErtelAlsop offers a variety of lab filters for rent. A portion of rental fees can be applied to the purchase of your full production filter.

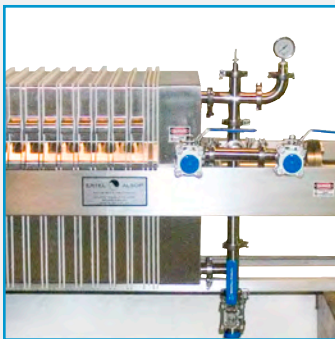
## FILTER MEDIA

As with all ErtelAlsop plate and frame filter press 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.

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.

SPECIFICATIONS	LETRE 604	
Standard Height	51.18 in	(1.3 m)
Standard Width	29.92 in	(0.76 m)
Range of Length	51.2 - 240.2 in	(1.3 - 6.1 m)
Plate Dimension	24 in square	(610 mm)
Ports	4 internal	
Area/Filter Sheet	3.6 ft <sup>2</sup>	(0.33 m <sup>2</sup> )
Cake Vol. - 12.5 mm inlet	0.99 gal	(3.76 l)
Cake Vol. - 25 mm inlet	1.99 gal	(7.53 l)
Cake Vol. - 37.5 mm inlet	2.98 gal	(11.29 l)
Cake Vol. - 50 mm inlet	3.98 gal	(15.06 l)
Batch Size	Up to 13,208 gal (50,000 l)	
Flow Rate	Up to 50 gpm	(190 lpm)



For additional  
product information visit  
**ErtelAlsop.com**

**Technical Bulletin 604-PF-11**

**ErtelAlsop**  
PO Box 3358  
Kingston, NY 12402 US

ErtelAlsop.com  
800.553.7835 Telephone  
845.339.1063 Fax

Keep in touch.  
Join our Newsletter to learn  
about the latest filter best  
practices and more!

Visit us at [ErtelAlsop.com](http://ErtelAlsop.com)

Your Local Distributor

