



Modular design, ideal for laboratories and small-scale industrial production.

EFS model is the most economical 12-inch (31cm) square model ErtelAlsop manufactures. Cart mounted, with capacity up to 50 filter pads. Perfect to work in a wide range of high efficiency and ultrafine filtration applications.

Able to accept up to fifty filter pads!

Technical data

Surface area/filter sheet:

0,82 ft² (0.076 m²)

Max flow: 50 gpm (190 lpm)

Ports: 4 internal

Cake vol. – 12.5 mm inlet:

0.20 gal (0.74 l)

Cake vol. – 25 mm inlet:

0.38 gal (1.45 l)

Cake vol. – 37.5 mm inlet:

0.57 gal (2.17 l)

Cake vol. – 50 mm inlet:

0.76 gal (2.89 l)

Batch size: do 6,604 gal (25,000 l)

Dimensions

Standard height:

39.39 in (1 m)

Standard width:

17.72 in (0.45 m)

Available length:

29.5 – 78.7 in (0.75 – 2.0 m)

Plate dimensions:

12 in² (305 mm)

FEATURES

- Construction material: 316L stainless steel
- Filter plate dimensions: 12 x 12 inches (305 x 305 mm)
- BioClean™ outlet plates
- Flexible configuration: adjustable number of plates and frames to meet specific process needs (up to 50 filter pads)
- Internal ports – eliminate the need for gaskets, reducing the risk of contamination and simplifying maintenance
- 1-inch Tri-Clamp / sanitary clamp connections
- Ratchet wrench-actuated swing bolt closure
- Mounted on a mobile cart (portable design)

OPTIONAL FEATURES

- Variable Frame Thickness for Cake Retention
- Dividing Heads
- Blanking Head
- Weld-Free Plate Design
- Thorough Wash Capability
- Diamond Configuration™
- Hydraulic Closure
- Cake Recovery Carts
- Pressure Gauge
- Tubing
- Pump/Motor

APPLICATION

- Distilled Beverages
- Beer, Wine, Soft Drinks
- Small Batch Cosmetics
- Cough Syrups
- Flavors
- Fragrances
- Small Volume Parenterals