

Star Systems Filter Press

Mfg: Star Systems

Model: 60-18B/SP/SS/HC

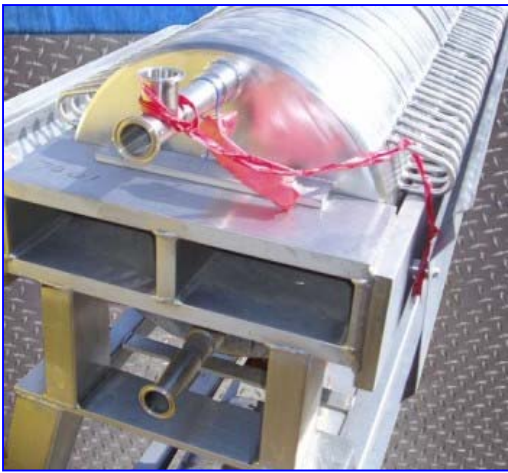
Stock No. EKTF7401.19

Serial No. H98050

Star System Filter Press. Model: 60-18B/SP/SS/HC, S/N: H98050. Spec. No: 60SS4-218-Y1HO. Number of 18 in. dia. filters: 60. Available with adjusting screw for minimal leakage. Flow rate: 700 to 2,100 gph. Filtration area: from 19.7 to 82.3 sq. ft. Sludge capacity: from 0.95 to 10.07 cu. ft. Uniblock 5000 Series Positive Displacement Pump, Model: 400/450, S/N: 01425. Motor (unspecified). Motor Drive, 2.77 ratio, 355 rpm (final). Pump inlets/outlets: (2) 1-1/2 in. dia. S-line fittings. System inlets: (2) 1-1/2 in. dia. S-line fittings (product). Outlets: (1) 1-1/2 in. dia. S-line fitting (product). Overall dimensions: 11 ft. 6 in. L x 28 in. W x 44 in. H. (Note: flow rates vary depending on liquid being filtered and number and thickness of plates.)

Advantages of the Star Systems Filter Press: high sludge capacity, low maintenance, no gaskets, greater corrosion resistance, sturdily built, easy to operate - simple to clean, durable finish, future addition of plates and frames. Ideal for filtration of food products and beverages, and most chemicals. Efficient and economical control of pollution and waste water. Effective filtration of all liquids associated with production of pharmaceuticals and cosmetics. Efficiently collects precious and semi-precious metals and process metallic oxides.





<http://www.hilliardcorp.com/starfp.php3>
<http://www.starfilters.com/>



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Star Filter Press

Our filters are sturdily built, with a rugged carbon steel stand coated in durable epoxy paint. Standard plates, frames and their components are fabricated from solid bars, plates and forgings of #304 stainless steel. Heavily reinforced for maximum life, the precision-machined plates, frames, and heads warrant a tight seal and near zero leakage without gaskets.

Star Filter Presses can be fabricated in a variety of metals including carbon steel, monel, aluminum, and other special alloys upon request.

Filter Press Design Features

- Available in both round and square types
- Sizes range from the 1211 compact models to the large 3011 production models
- Easily customized to meet your special needs

- Sludge frames of open design
- Fabricated construction
- USDA-accepted models
- Heavy-duty side bars
- Liquid-filled pressure gauge
- Precision-machined plates, frames, and heads
- Stainless steel drain pan

Filter Press Advantages

- High sludge capacity
- Low maintenance
- No gaskets
- Greater corrosion resistance
- Sturdily built
- Easy to operate - simple to clean
- Durable finish
- Future addition of plates and frames

Star Filter Media

Star media are available from stock in standard grades for round and square Star Filter Presses. All of our media are manufactured in accordance with FDA guidelines. Most grades are also USDA accepted (acceptable for filtration of liquids for human consumption).

Star Filter Media are capable of handling temperatures up to 375degrees F.

All of our standard media are made from pure cellulose fibers: 100% cotton, 100% wood, or cotton/wood blend.

Specialty Media:

Star has three media for your special applications.

Carbon Comet®: Contains activated carbon, available in 2 and 8 microns (nominal) rating sheets.

Glisten-n-Glo®: Combines diatomaceous earth with electrokinetic properties. 0.1, 0.3, 0.4 micron (nominal) rating available.

Easy Earth®: Contains diatomaceous earth, offers you a depth filtration with a 2 microns (nominal) rating.

Carbon Comet®, Glisten-n-Glo®, Easy Earth®, are registered trademarks of Hilliard of South Carolina, Star Filters.

Filter Press Applications

Industry	Filter Press Applications
Food and Beverage	Hot food oil - Water - Salad oil Soup - Syrups - Extracts Wine - Soft drinks - Honey
Pharmaceuticals and Cosmetics	Soap - Proteins Perfume - Syrups Hand lotion - Shampoo
Chemicals and Petrochemicals	Paint -Waxes -Antifreeze Varnish -Polishes - Kerosene Pigments - Lubrication oils - Surfactants Photographic solutions - Ink
Wastewater and Pollution Control	For efficient and economical control of pollution and waste water
Solids Recovery	Gold - Silver Aluminum hydroxide - Hexavalent chromium