



SC Filtration
www.sambocreck.com



4 Stage Lenticular Filtration System

4 stage filtration system for fast filtration of oleoresin tinctures. Modular solution for solvent streams post centrifugal separator used to wash botanical biomass. Protect your chillers and downstream process with our industry leading system.

- Removes biomass from centrifuge streams and recirculate this stream to return to chiller. Prefilters biomass out of the stream to save lenticular life and reduce operating costs.
- Removes Lipids, Fats, and Waxes, Clarifies miscella stream.
- Carbon Scrubs removing heavy metals, colors, etc..

FEATURES

- FDA and cGMP ready.
- 316L Stainless Steel construction throughout.
- Italian Made, C1D2, AODD, FDA Sanitary Pump
- Complete with valves, drains, and all sanitary fittings.
- 1.5" Sanitary connections throughout.



This complete filter skid is for the filtration of crude & solvent tinctures. This filter is perfect for filtration after a centrifugal separator or filter press. Pairs great with all liquid solvent-based extracts. Not recommended for CO₂ based oils or those heavy in fats. The first stage bag filters remove biomass down to 10 microns, which saves the life of your lenticular filters. The second stage lenticular filter clarifies and polishes the solution. In the third stage, lenticular filter carbon scrubs the solution to remove contaminants such as heavy metals, carotenoids, chlorophylls, etc... The fourth stage removes carbon particles or anything else that may have made it past the lenticular.

Advantages:

- o Plug and play.
- o Low investment cost with a large filter area.
- o Recirculate feature and Hot Swappable
- o Process up to 1,000 Gallons before cartridge replacement.
- o Industry-standard bags, modules, and cartridges easy to source.
- o Upgradeable to increase filtration capacity.

Optional Features:

- o Extraction Spectrometer to determine extraction endpoint
- o US or EU Manufacturing Standards
- o 12 or 16-inch Lenticular Housings; 1-4 Lenticular Modules



Specifications

Construction Materials:	316L Stainless Steel Wetted Parts
Gaskets:	Viton
Real Production Flow Rate*:	5 GPM Average (1-15 GPM Range)
Bag Housings:	#2 Duplex POL
Lenticular Housings:	12" or 16" Housings, 1-4 Filter Modules, 16 Cells Each, DOE
Cartridge Filter Housing:	3 Cartridges (30 Inch Code 7)
Operating Temperature:	-40C (-40F) Min Temperature
Weight:	660 KG
Standard Dimensions:	1150 x 1250 x 1600 millimeters (LxWxH)