

# SPARKLER FILTERS INC.

Allaying separation anxiety since 1927

101 N. LOOP 336 E. CONROE, TEXAS 77301-1446 PH. (936) 756-4471 FAX (936) 539-1165  
WEB: www.sparklerfilters.com E-MAIL: sales@sparklerfilters.com



## A Sparkler Nutsche WD Filter Manual or Automatic Model WD

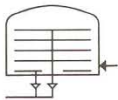
### Excellent Features

- Highly precise washing obtained by either re-slurried or displacement washing method.
- Cake smoothed by the impeller so its degree of residual moisture may be minimized.
- Cake discharged from outlet at center of filter plate.
- Pressurized or vacuum filtration is available.
- Filter medium easily removed and replaced.
- The simple structure permits maintenance work with minimal operational problems.

### Model WO-Wash-Off

Same features as Horizontal Plate Filter

- Cake is removed by simply "hosing off" (wet) or "tapping/scraping" (dry) without disassembling the cartridge
- A semi-permanent synthetic cloth or wire screen filter media cover the plate which filter through the top side only
- Synthetic cloth or wire screen used instead of filter paper.



### Model Velmac Trap Filter

Velmac Trap Filter is designed to serve as an after filter or trap filter in critical process streams wherever a very high polish and high standard of liquid purification must be maintained. Standard media particle retention is 2 to 60 microns.



- Applications: Chemical, pharmaceutical, dyes and pigments, agrochemicals and food products.

Ask about our test units – a 1.0 m<sup>2</sup> and a 0.15 m<sup>2</sup> units are available.

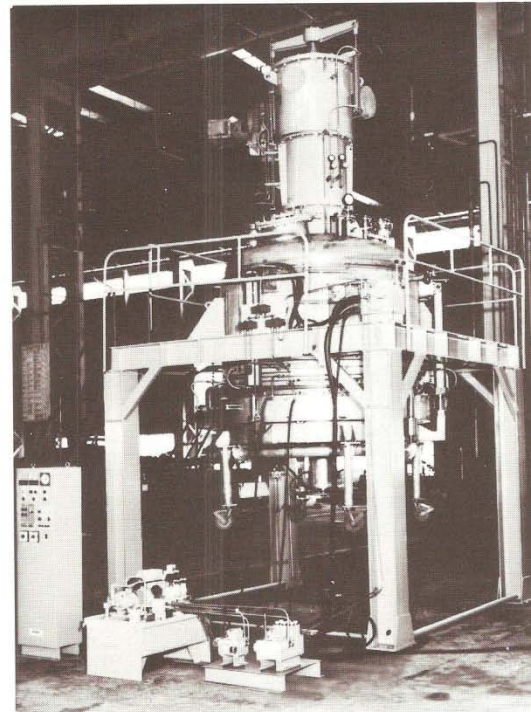
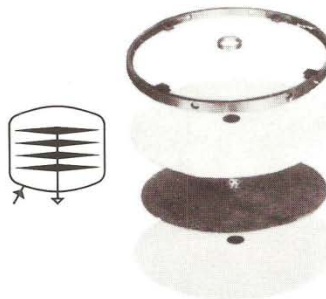


Photo displays WD-30

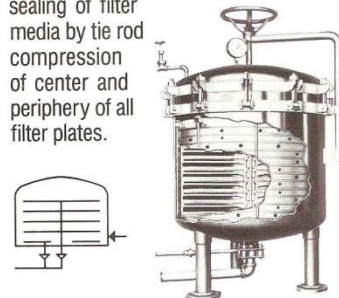
### Model VR

For removal of all traces of solids following regular filter operation • Dual Disc filter plates offer double the filtration area compared with Standard Horizontal Plate Filters.



### Horizontal Plate Filters

For polishing and security filtration of liquids with limited solids contents • Maximum cake stability by horizontal position of filter plates, permits intermittent operation • Complete recovery of product by the Sparkler Scavenger Plate; no unfiltered hold-over • Perfect sealing of filter media by tie rod compression of center and periphery of all filter plates.



### Model MCRO

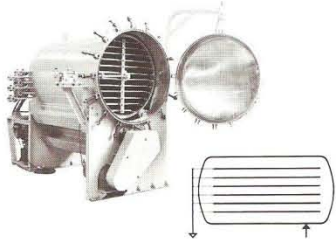
Model MCRO answers industry's demand for a labor-saving, minimum downtime filtration system. • Available in either dry or wet cake discharge or a combination of both • Economical and easy to operate • Totally enclosed and leak-proof • Requires less wash liquor per square foot of filter area • Available with either heating or cooling jackets.



*This MCRO 250 filter can be drained, the cake discharged dry, be filled and precoated in 30-40 minutes.*

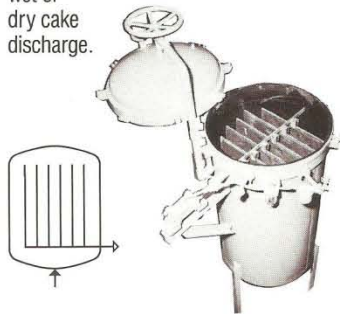
### Model HRC

Combines the advantages of horizontal plate cake stability with automatic cake discharge • Available up to 300 sq. ft./ 28 m<sup>2</sup> of filtration area • Filter plates horizontal during precoat, filtration cake washing and drying cycles • Plates vertical during cleaning cycle.



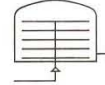
### Model VF

Is a vertical plate/vertical tank filter, specially designed for performance in areas with restricted floor space • Application in the filtration of practically all liquids • Suitable for wet or dry cake discharge.



### Model RF (Reverse Flow)

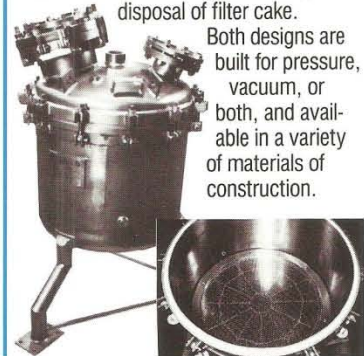
The Sparkler Reverse Flow Horizontal Plate Filter for efficiency during intermittent or continuous operations. The internal filter plate cartridge assembly fully contains the filter cake. Horizontal design also allows for: • Superior clean filter tank processing • Efficient removal of the filter plate • Positive sealing during increased pressure differentia • Wide range of filter media.



### Sparkler Manual Nutsche and/or Basket Filter

This vertical tank single horizontal plate filter is offered for special applications in which high bulk, easy filterable solids are processed through a variable thickness. These filters can be built in accordance with almost any individual specifications and/or applications.

The Sparkler Basket Filter is similar to the Nutsche design, but features an additional basket with a filter plate in the bottom for further processing or disposal of filter cake.



Both designs are built for pressure, vacuum, or both, and available in a variety of materials of construction.

### Sparkler Laboratory Filters

Sparkler Laboratory Filters are designed for sizing and resolving liquid filtration problems in the laboratory. The L-1000 is a sanitary, pressure activated horizontal plate filter with a 1000ml capacity. An integral stainless steel pressure gauge is supplied.

Simple construction makes this 316 SS filter quick and easy to clean. The L-1000 provides versatility to use virtually any type of filter media and operates at 100 psi.



### Sanitary Horizontal Plate Filter

This filter possesses all the benefits and features of the Sparkler Horizontal Plate filter, but is manufactured to meet or exceed sanitary standards and requirements.

This filter, like the standard horizontal plate filter, can be cleaned and redressed quickly with a minimum of downtime. An excellent choice for intermittent or batch operating processes which require sanitary equipment.

