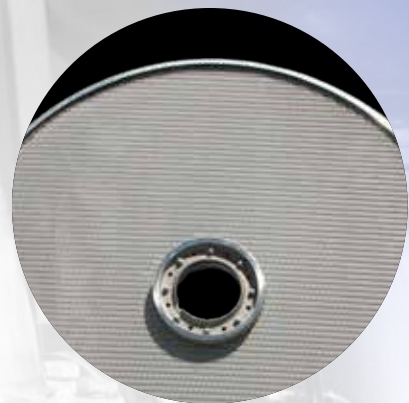




Cleanova  
MICRONICS

# **PRESSURE LEAF FILTER SOLUTIONS**

**Industry-Leading Liquid  
Filtration Solutions For  
Demanding Industries**



**Pressure Leaf Filters** are liquid filtration systems stacked inside a vertical or horizontal pressure vessel. We offer pressure leaf filters widely used in the food and beverage industry and other demanding Industries for their efficiency in separating solids from liquids, achieving high flow rates, and producing a clear filtrate.

**Cleanova | Micronics specializes in all aspects of Pressure Leaf Filter (PLF) Solutions including:**

- Pressure Leaf Covers and Bags
- New Pressure Leafs
- Rebuilt and Refurbished Pressure Leafs
- Proprietary Pressure Leaf Filter Cleaning Services
- Replacement Parts

**Applications for Pressure Leaf Filters:**

- Winemaking
- Sugar Refining
- Edible Oil Processing
- Chemical Processing
- Precious Metal Refining
- Chlor-alkali and Soda Ash
- Bauxite Refining
- Oilfield Fluid Processing
- And more



Select from the most popular binders and chambers. The leaf closure can be welded, bolted, riveted or a combination of the above. Leafs are available in 304, 316 and 316L stainless steel or other specialty metals.

#### LEAF OPTIONS:

- All Sizes and Shapes
- Most Binders and Chambers Available
- Welded, Bolted or Riveted Construction
- SS 305, 316, 316L or Specialty Metals of Your Choice
- Use with Synthetic or Stainless Steel Covers
- Synthetic Leaf Covers

#### LEAF ADVANTAGES:

- Engineered for Balance and Tension
- Exceptional Dimensional Stability
- Long Filter Frame Life
- Increased Process Efficiency

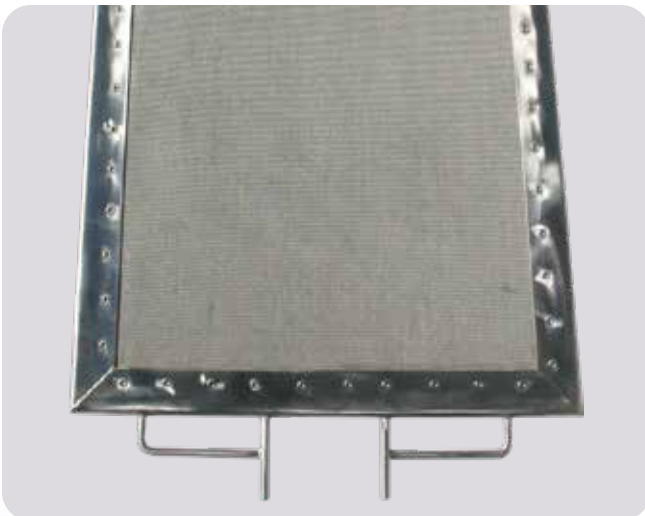
### PRESSURE LEAF FILTER SOLUTIONS



**LEAF RESCREENING**



**LEAF REBUILDING**



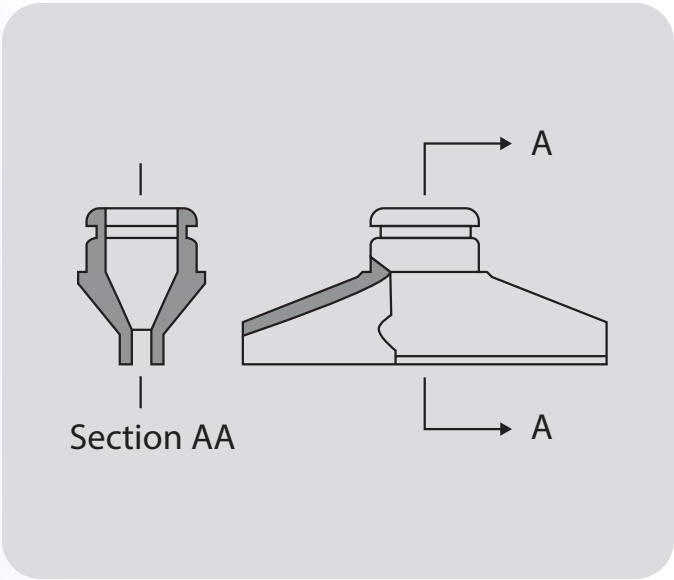
**NEW PRESSURE FILTER LEAFS (REPLACEMENT)**



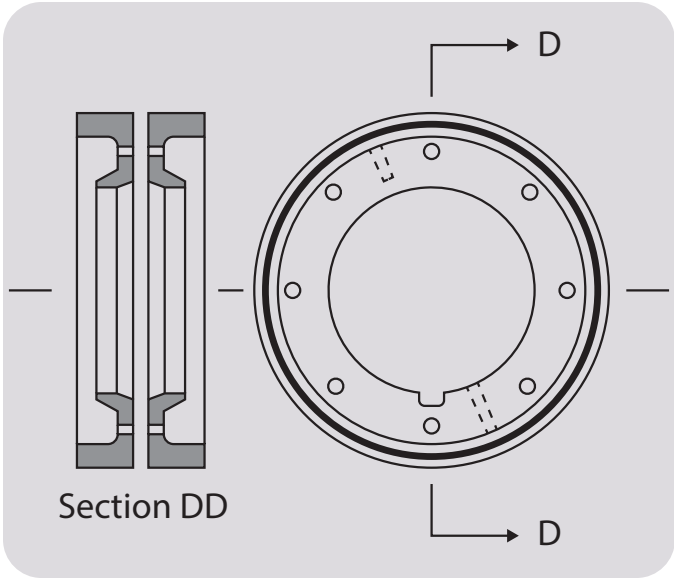
**LEAF CLEANING SERVICES**



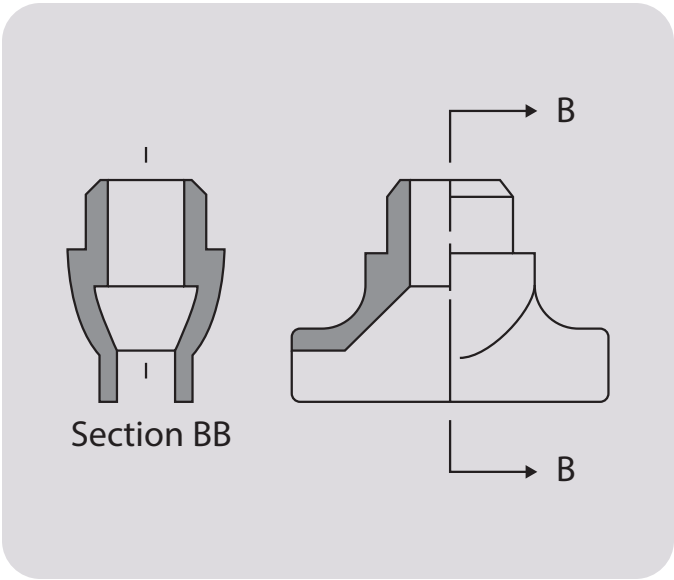
**OUTLETS**



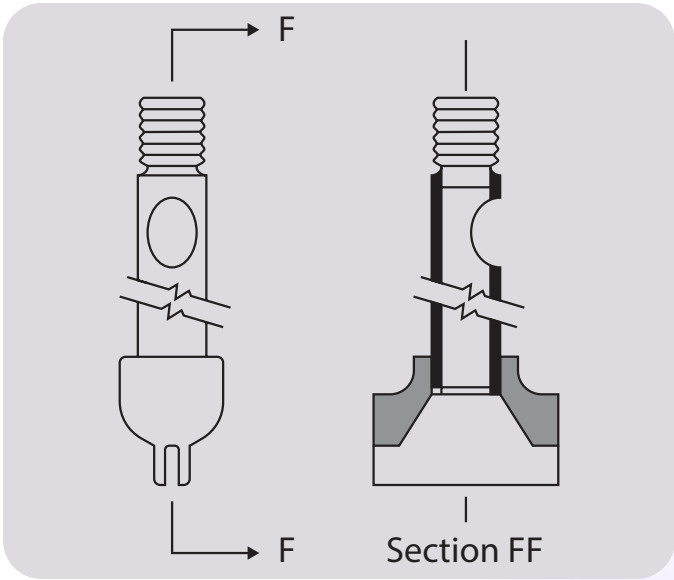
**CONTINUOUS WELD CASTED NOZZLE**



**CENTER DRAIN-2 PIECE HUB (METAL)**



**FLAT GASKET NOZZLE**



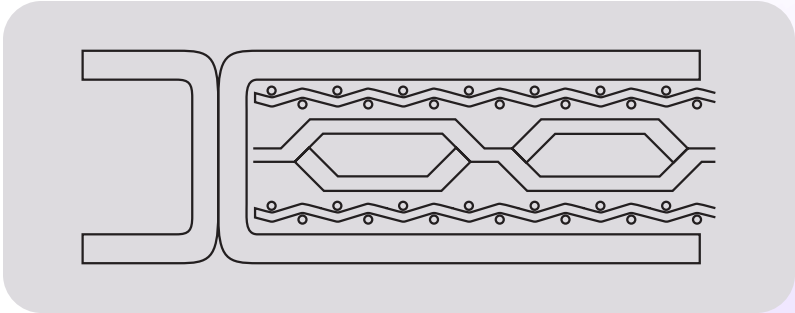
**THREADED OUTLET NOZZLE**

PRESSURE LEAF FILTERS

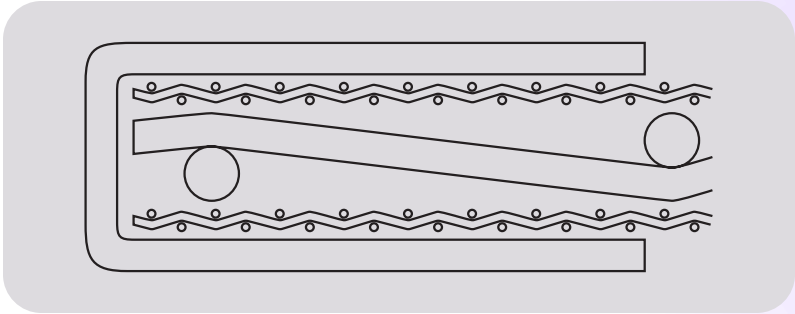
A light-weight leaf support structure with exceptional strength and flow rate, results in a thicker, drier and more uniform cake distribution across the face of the filter leaf. Traditional wire mesh support typically has a thicker cake at the edges.

No more intermediate mesh support screen with broken wires to damage the filter cloth, increasing filter cloth life.

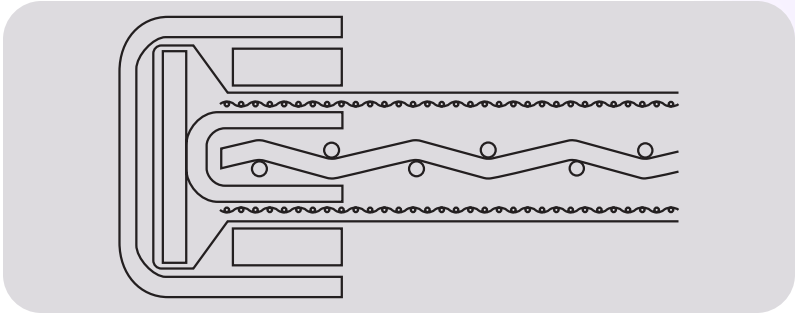
BINDER: Back to Back U Channel	
Chamber	Closure
Poro-Max with 2 Layers of Mesh Screen	Welded



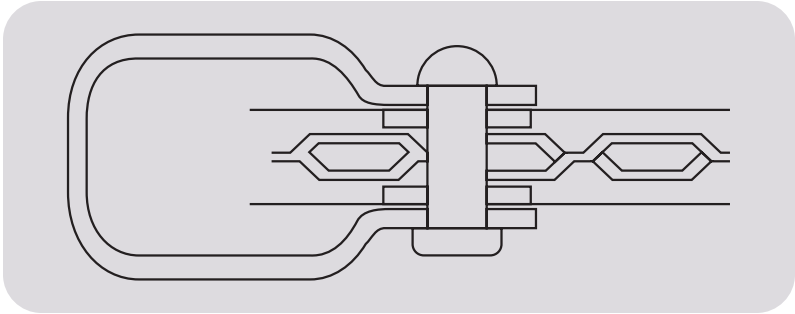
BINDER: U-Channel	
Chamber	Closure
8 Mesh Over 1 Mesh	Crimped



BINDER: Tee-Channel	
Chamber	Closure
5 Layers of Mesh Screens	Welded



BINDER: Heavy Duty Keyhole Channel	
Chamber	Closure
Poro-Max with 2 Layers of Wire Cloth	Riveted



# PRESSURE FILTER LEAF SOLUTIONS



Improving operating efficiencies,  
protecting the environment,  
contributing to sustainability,  
and ensuring a cleaner tomorrow.

We are a global leader in industrial filtration with a long-standing legacy of strong brands in Liquid Filtration including Micronics and NFM. Our solutions span Filter Media, Filtration Equipment, and a wide range of Field Services, In-House Laboratory Services, and Training.

Our extensive filtration manufacturing and service facilities in the USA, Canada, the United Kingdom, Brazil, China, India, and Australia stand ready to meet your needs wherever you are.

At Cleanova | Micronics, we are delivering advanced filtration solutions to help improve operating efficiencies, reduce costs, protect the environment, contribute to sustainability, and ensure a cleaner tomorrow.