

# Twin Leaf

Filter Leaves for Vertical Pressure Leaf Tank



In the past years we have been working on several developments concerning the design of our Twin Leaf. Thanks to these improvements our filter leaf is now more efficient, more durable and more economical in operation. We look forward to highlighting these technical details to you personally and to exploring your benefits regarding these improvements.

The Twin Leaf improvements include:

- In-house manufacturing of 5 ply filter leaves
- Integrated drain nozzle & manifold support bracket
- High quality materials for bindings, nozzles, drain & support mesh
- Reinforcements



## Contact Information

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## Benefits

- Excellent pre coating
- Excellent cake drying
- Excellent cake discharge
- Rigid design
- Optimal flow
- Low differential pressure

## Applications

- Edible oil
- Bio diesel
- Oleochemicals
- Inks & resins
- Gelatine
- Sweeteners & sugars
- Chemicals



ENGINEERING YOUR SUCCESS.

# Twin Leaf

## SPECIFICATIONS

### Materials of Construction

#### Frame

- Stainless Steel 316L

#### Vibrator Block

- Stainless Steel 316L

#### High Flow Nozzle

- Stainless Steel 316L

#### Support and Drain Mesh

- Stainless Steel 316L

### Filter Media

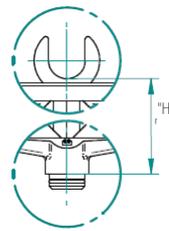
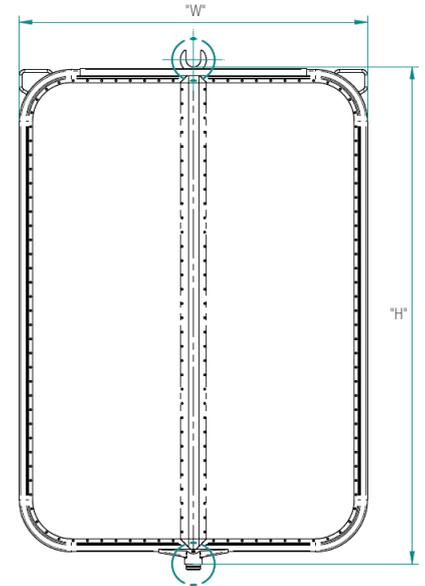
- Mesh: Stainless Steel 316L or 904L
- Filter cloth: Nylon or Polypropylene (wet cake discharge only)

### O-Ring

- Viton

### Maximum Differential Pressure

- 65.3 psi (4,5 bar) (using a 5 layer mesh leaf)



### Reorder checklist for filter leaves.

Please use the following information as a guideline to determine your existing filter model as well as the specifications and configuration of the filter leaves:

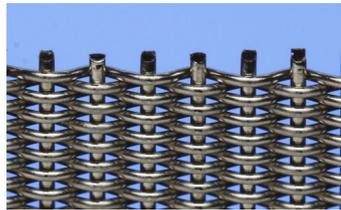
- Make and model of filter vessel
- Height from nozzle surface to fork-end bottom
- Height, width and number of leaves
- Top mesh type and material
- Nozzle diameter
- Vibrator block (double > center/center)
- Type of application

### Wire mesh selection

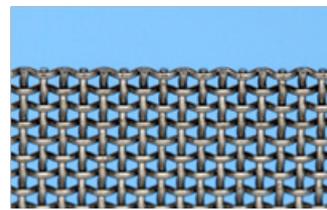
The selected wire mesh depends on the application. The mesh size and material selection are key success factors for your filtration process. The right selection of wire mesh will lead to excellent filtration results as well as lower operating and maintenance costs.



PZ 80 (reversed plain Dutch weave)



24 x 110 (plain Dutch weave)



60 mesh (plain weave)

The types of wire mesh (as shown above) are the most commonly used types and are available in stainless steel 316L and 904L. For the best selection of wire mesh for your application, please contact your local sales representative.

### Article description (Always contact your sales representative before ordering your (set) filter leaves.)

## TLV

Type		Height Leaves		Width Leaves		Filter Mesh		Material Filter Medium		Nozzle Connection	
Code	Description	Code	mm	Code	mm	Code	Mesh	Code	Description	Code	mm
D	Dry cake with vibratorblock	--	Height leaf	--	Width leaf	PZ 80	PZ80	316	Stainless Steel 316	35	35mm
W	Wet cake no vibratorblock	On request		On request		24 X 110	24 x 110	904L	Stainless Steel high alloy	41	41mm
Others on request						60	60	PP	Stainless steel with Polypropylene cloth	Others on request	
						Cloth	Cloth	N	Stainless steel with Nylon cloth		
						Others on request		Others on request			

Specifications are subject to change without notification.  
For User Responsibility Statement, see [www.parker.com/safety](http://www.parker.com/safety)

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