

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

Parker Hannifin Manufacturing
Netherlands (Process Filtration) B.V.
Zuiddijk 398
1505 HE Zaandam
The Netherlands

phone +31 756 555 000
fax +31 756 555 015
twinfilter.info@parker.com

www.parker.com/processfiltration
www.twinfilter.com

Benefits

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

Applications

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

Twin Leaf for Vertical Tank

SPECIFICATIONS

Materials of Construction

Binding

- 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

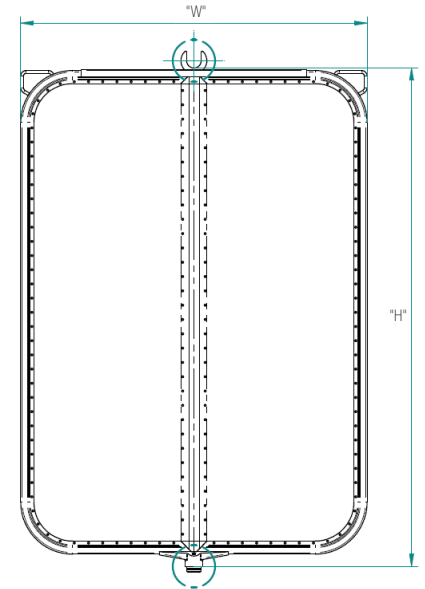
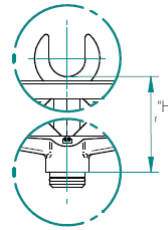
Maximum Differential Pressure

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

Reorder checklist for filter leaves.

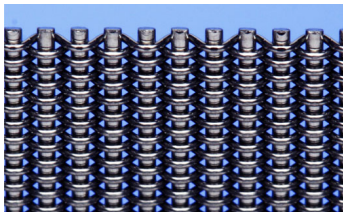
Please use the following information as a guideline to determine your existing filter model as well as the specifications and configuration of the filter leaves:

- 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

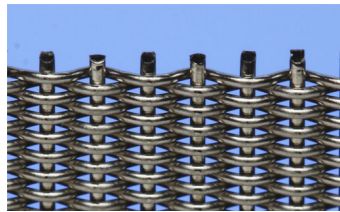


Wire mesh selection

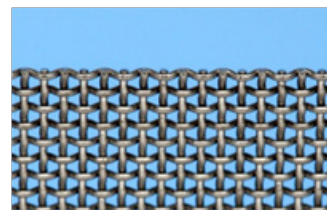
The selected wire mesh depends on the application. The mesh size and material selection are key success factors for your filtration process. The right selection of wire mesh will lead to excellent filtration results as well as lower operating and maintenance costs.



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.

Ordering Information (Always contact your sales representative before ordering your (set) filter leaves.)

TLV

Type		Height Leaf		Width Leaf		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	PZ80	3	Stainless Steel 316	35	35
W	Wet cake no vibratorblock	On request		On request		PDW	24 x 110	9	Stainless Steel high alloy	41	41
V	VPL Leaf	On request		On request		PW	60	PP	Stainless steel with Polypropylene cloth	On request	
Others on request		On request		On request		C	Cloth	N	Stainless steel with Nylon cloth	On request	
Others on request		On request		On request		Others on request		Others on request		On request	

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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