Twin Plate Scavenger

Horizontal Plate Scavenger

Our Twin Plate Scavenger filter utilises a unique plate combination of reliablity and optimal product recovery. Horizontal Plate filters are suitable for batch filtration and fluids with a high dirt load.

In the Twin Plate filter the contaminated fluid enters the vessels and flows through the filter media towards the central outlet pipe, where it is discharged.

Because the last filter plate is at the bottom of the tank, the filter leaves no fluid residue. hich means that a minimal volume of unfiltered liquid is left behind in the filter tank. Therfore the filter is ideally suited for expensive liquids.



• Suitable for expensive liquids

- Excellent cake recovery
- Excellent precoating
- Excellent cake discharge
- Totally enclosed construction
- Suitable for many applications

Applications

- Edible oil
- Bio diesel
- Oleo chemicals
- Inks & resins
- Gelatine
- Sweeteners / Sugars
- Chemicals

Contact Information

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Twin Plate Scavenger

SPECIFICATIONS

Filter Construction

Tank Diameter

18 inch: 520 liter33 inch: 915 liter

Filtration Area

• 18 inch: 0,9 - 3,6 m² (9.7 - 38.8 ft²)

• 33 inch: 3,5 - 21,0 m² (37.7 - 226 ft²)

Cake Space

18 inch: 2,6 - 60 liter33 inch: 33 - 370 liter

Plate Height for 18 inch tank

• XS: 14 mm

• S: 25 mm

• D: 50 mm

Plate Height for 33 inch tank

• XS: 25 mm

• S: 38 mm

• D: 64 mm

Materials of Construction

Filter housing

• Stainless steel 316L Others on request

Filter Plates

Stainless steel 316L
 Others on request

Fittings

 Standard flanged connection according EN 1092 or ASME

Design Code

 According PED97/23/EC or U-stamp.
 Optional certifications for JIL, GOST, SQLO and others.

Operating Conditions

Design Temperature

• 120°C (248°F)

Design Pressure

• Standard 6 bar (87 psi)

Max. Differantial Pressure Elements

• 3,5 bar (50 psi)

Filter plates for Scavenger filters are available in three versions to meet the obtainable cake thickness in combination with the required flow rate:

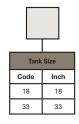
XS: type for low solid loadsS: type for average solid loadsD: type for high solid loads





Article description (always contact us before ordering).

TPS



Туре			
Code	Description		
XS	Type for solid loads		
s	Type for average solid loads		
D	Type for high solid loads		

Number of Plates			
Code	No		
4	4		
6	6		
7	7		
	etc		

Tank Diameter		
Code	Liter	
520	520	
520 915	520 915	

Plate Height		
Code	mm	
14	14	
25	25	
38	38	
50	50	
64	64	
Others on request		

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



