

Media Filter

Water Purification Unit



Parker Twin Filter provides two types of Media Filters; (Multi) Media Filters and Nutshell Filters. Multi Media Filters use several layers of media (sand) to reduce the amount of solids. The top sand layer removes a large amount of particles from the water. The function of the lower coarse layers is to support the finer top layer above and provide efficient drainage. If the water contains oil particles the Media Filter can be supplemented with one or two layers of Nutshell media. A Media Filter can be used in a wide variety of applications and handle large capacities of water containing high dirt loads, upon a filtration efficiency of 98% down to a rate of 2 micron. Nutshell filters are used when there is only oil to remove.



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Benefits

- Fully automatic system
- Different design codes and materials
- Horizontal and vertical vessels
- High filtration efficiency
- Handling of large capacities

Applications

- Surface water intake
- Waste water
- Effluent water
- Produced water
- Process water
- Pre treatment of reverse osmosis
- Cooling water

Options

- Skid mounted system, including piping, automatic valves and controls
- Custom designed packages
- ATEX compliance



ENGINEERING YOUR SUCCESS.

Media Filter / Nutshell Filter

SPECIFICATIONS

Filter Construction

Materials of Construction

- Carbon steel
- Stainless Steel 316L
- Others on request*

Material internals

- Polypropylene
- Stainless Steel 316L
- Super Duplex
- Others on request*

Internal Coatings

- Epoxy (Glass Flake)
- Rubber Lined
- Others on request*

Design Codes

- ASME VIII Div. 1
- PD 5500

Others on request

Media for Media Filter

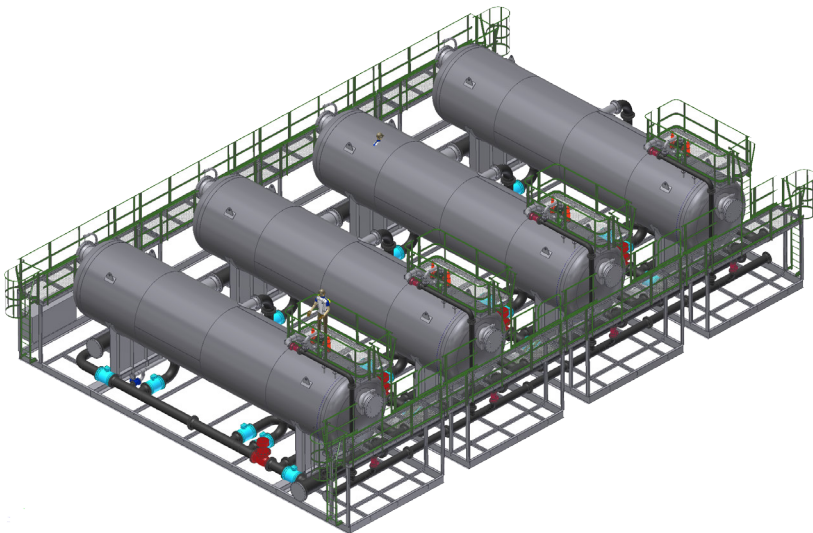
- Antracite
- Garnet

Others on request and multiple combinations possible.

Media for Nutshell Filter

- Antracite
- Garnet
- Nutshell

Others on request and multiple combinations possible.



Article description (always contact us before ordering).

MF

Filter Type		Vessel orientation	
Code	Media	Code	Position
N	Nutshell	H	Horizontal
A	Antracite	V	Vertical
G	Garnet		
Others on request			

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

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