

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



Municipal Filtration Systems

Microfiltration Cartridges and Vessels
for Water Purification



ENGINEERING YOUR SUCCESS.

Water Purification Solutions

Parker microfiltration products for municipal systems have a long-standing reputation as the market leader in the filtration of potable water. Each day, Parker products filter millions of gallons of municipal water to supply pure, drinkable products to consumers.

With demands for drinking water increasing at a rapid pace, many municipalities are installing RO membrane systems to satisfy this demand. Protecting RO membranes from the fouling effects of silt and sand is essential for peak performance.

As a solution provider, Parker offers innovative filtration products which deliver high quality, reliable and cost effective results.

Parker filtration products are available in lengths from 10 to 60 inches and configurations to retrofit all commonly installed filter vessels. Products are offered in depth and pleated medias to meet pilot and production scale requirements. All Parker products are backed by in-depth technical support, fast order turnaround, and factory-trained distributors.

Filtration Applications

- RO membrane protection
- RO membrane cleaning (CIP)
- Blend water filtration
- Sediment retention for municipal wells

Cartridge Filters



Wound Depth Filters

Industry standard assuring particle free water to RO membranes

Honeycomb™ HFT

- Nominally rated polypropylene
- 0.5µm to 150µm

Fulflo® SWC

- Nominally rated polypropylene
- 1µm to 150µm



Pleated Filters

Maximum flow rate filters with minimal pressure drop

PolyMate™

- Nominally rated polypropylene
- 0.5µm to 60µm



Meltblown Filters

Fiber matrix engineered for structural integrity throughout long service life

MegaBond Plus™

- Absolute rated polypropylene media
- 1µm to 120µm

Durabond™

- Nominally rated bi-component of polypropylene and polyethylene sheath fiber
- 1µm to 100µm

Avasan™

- Advanced formula nominally rated polypropylene media
- 1µm to 75µm



Large Diameter Pleated Filters

High flow cartridges reduce the vessel footprint and overall cost of filtration

ParMax™

- Inside-out flow, positive o-ring seal 360 gpm
- Absolute rated polypropylene or glass media
- 1µm to 90µm

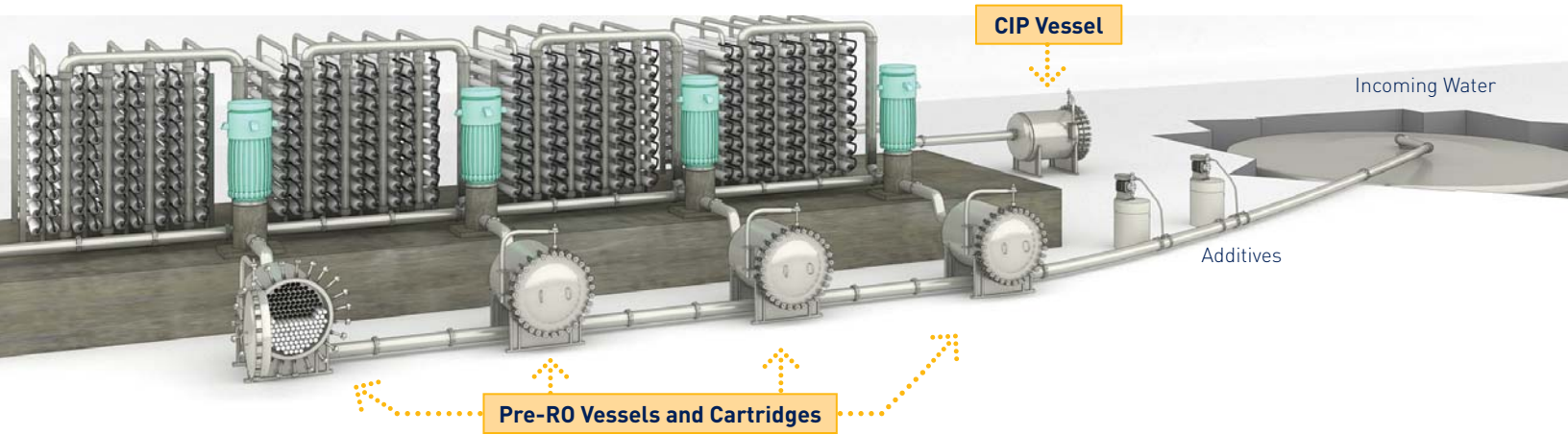
MegaFlow™

- Positive o-ring seal, 175 gpm
- Absolute rated polypropylene media
- 1µm to 70µm

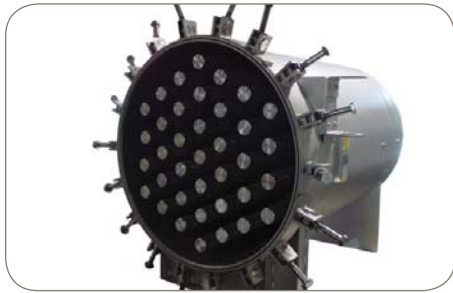
MaxGuard™

- Positive 226 o-ring seal, 90 gpm
- Absolute rated polypropylene media
- 0.5µm to 40µm

Custom vessels designed to match flow & incoming make-up water.



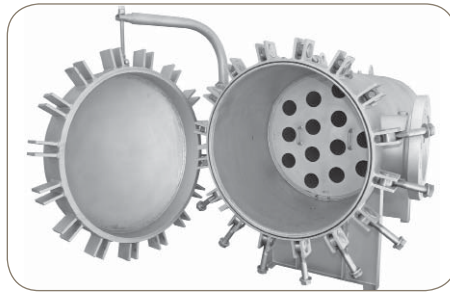
Cartridge Filter Vessels



MegaFlow™ Filter Vessels

Provide high flow capacity with effortless cartridge changeout

- Small footprint high flow horizontal vessels
- Maximum flow rate 3325 gpm with (19) 40"x 6" filter cartridges
- ASME code



ParMax™ Filter Vessels

Economical inside-out cartridge flow reduces vessel cleanup at changeout

- Small footprint high flow horizontal inside-out flow vessels
- Maximum flow rate 6840 gpm with (19) 60"x 6" filter cartridges
- ASME code



Fulflo® MP Vessels

Protect Membranes by filtering RO Feed Water

- Horizontal vessels for 2½" diameter cartridges
- Maximum flow rate 3520 gpm with (176) 40"x 2½" filter cartridges
- ASME code



Fulflo® WH

Industry standard vessel for small municipal flow rates and membrane cleaning water

- Maximum flow rate 700 gpm with (35) 40"x 2½" filter cartridges
- Commercial non-code design

Filtering millions of gallons of water per day from ground water to seawater.

Available in standard 304 & 316 stainless steel as well as other special material options.

North America

Compressed Air Treatment Filtration & Separation/Balston

Haverhill, MA
978 858 0505
www.parker.com/balston

Finite Airtek Filtration Airtek/domnick hunter/Zander

Lancaster, NY
716 686 6400
www.parker.com/faf

Finite Airtek Filtration/Finite

Oxford, MI
248 628 6400
www.parker.com/finitefilter

Engine Filtration & Water Purification Racor

Modesto, CA
209 521 7860
www.parker.com/racor

Holly Springs, MS
662 252 2656
www.parker.com/racor

Beaufort, SC
843 846 3200
www.parker.com/racor

Village Marine, Sea Recovery, Horizon Reverse Osmosis

Carson, CA
310 637 3400
www.parker.com/watermakers

Hydraulic Filtration Hydraulic Filter

Metamora, OH
419 644 4311
www.parker.com/hydraulicfilter

Laval, QC Canada
450 629 9594
www.parkerfarr.com

Process Filtration domnick hunter Process Filtration

Oxnard, CA
805 604 3400
www.parker.com/processfiltration

Madison, WI
608 824 0500
www.scilog.com

Phoenixville, PA
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Aerospace Filtration Velcon Filtration

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719 531 5855
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