



AQUA-AEROBIC SYSTEMS, INC.
A Metawater Company

Aqua MultiBore[®] C-Series

Ceramic Membranes

Aqua MultiBore® C-Series

Ceramic Membrane Element



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Material	Aluminum oxide
Nominal Pore Size	0.1 micron
Dimension	180 mm OD x 1,500 mm L (7 inch OD x 4.9 ft L)
Surface Area	25 m ² (269 ft ²)

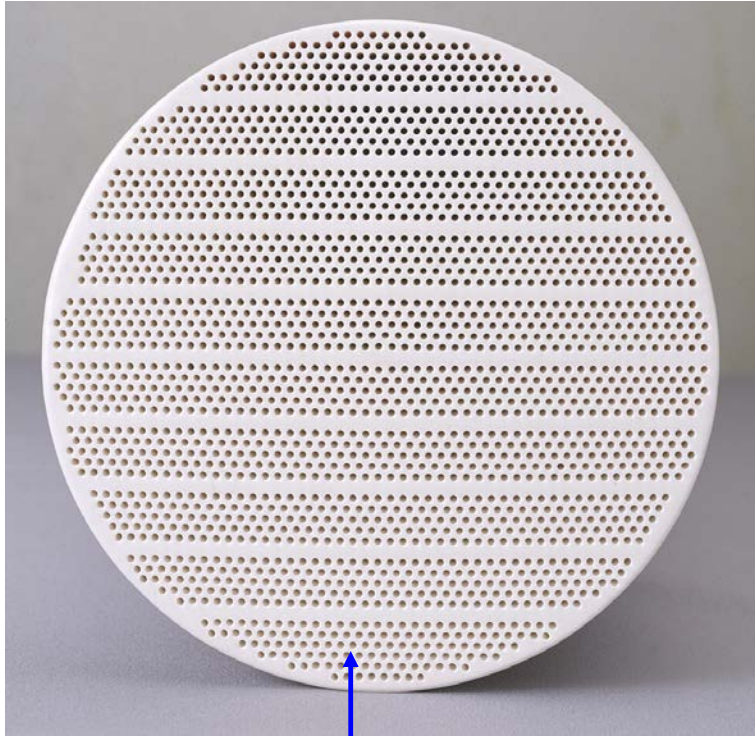
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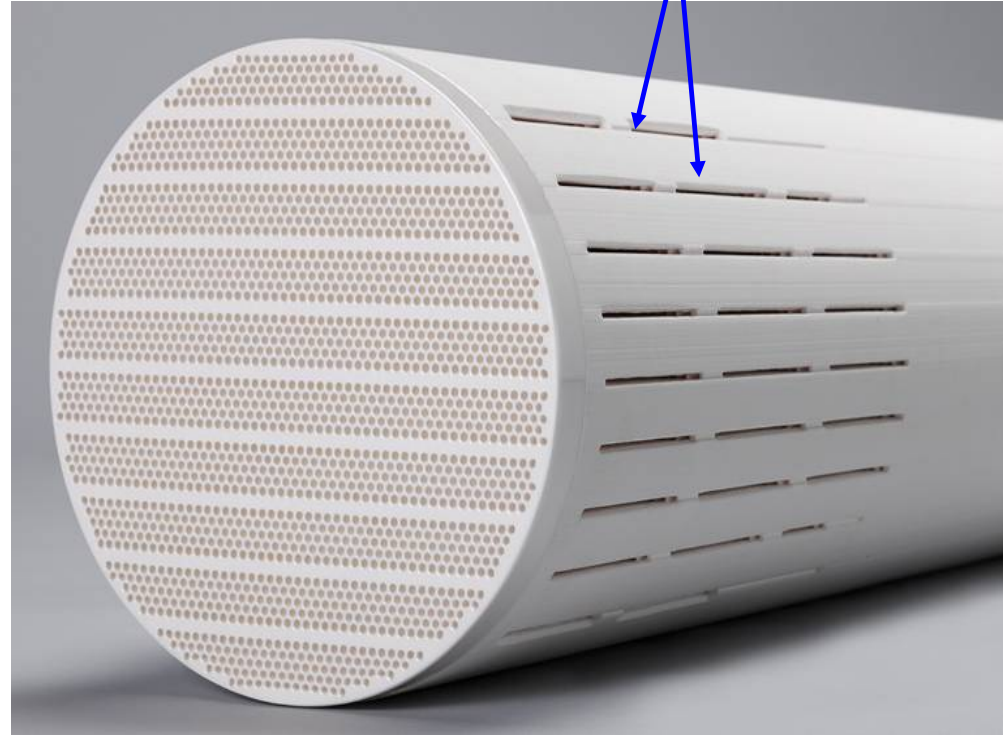


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Filtrate Collection Slits



Raw Water Channels



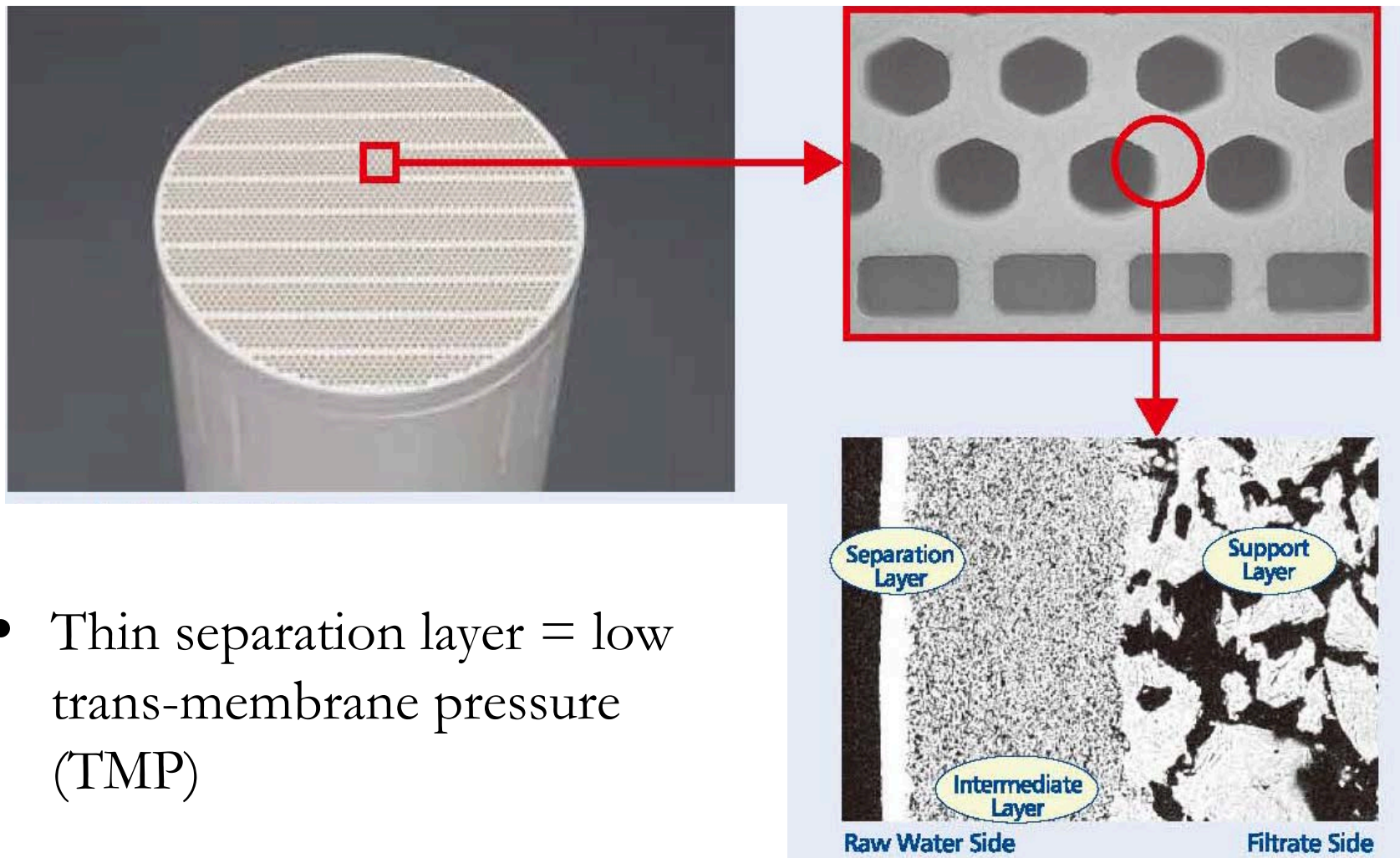
- Single piece of ceramic = *highly durable*

Aqua MultiBore® C-Series

Features



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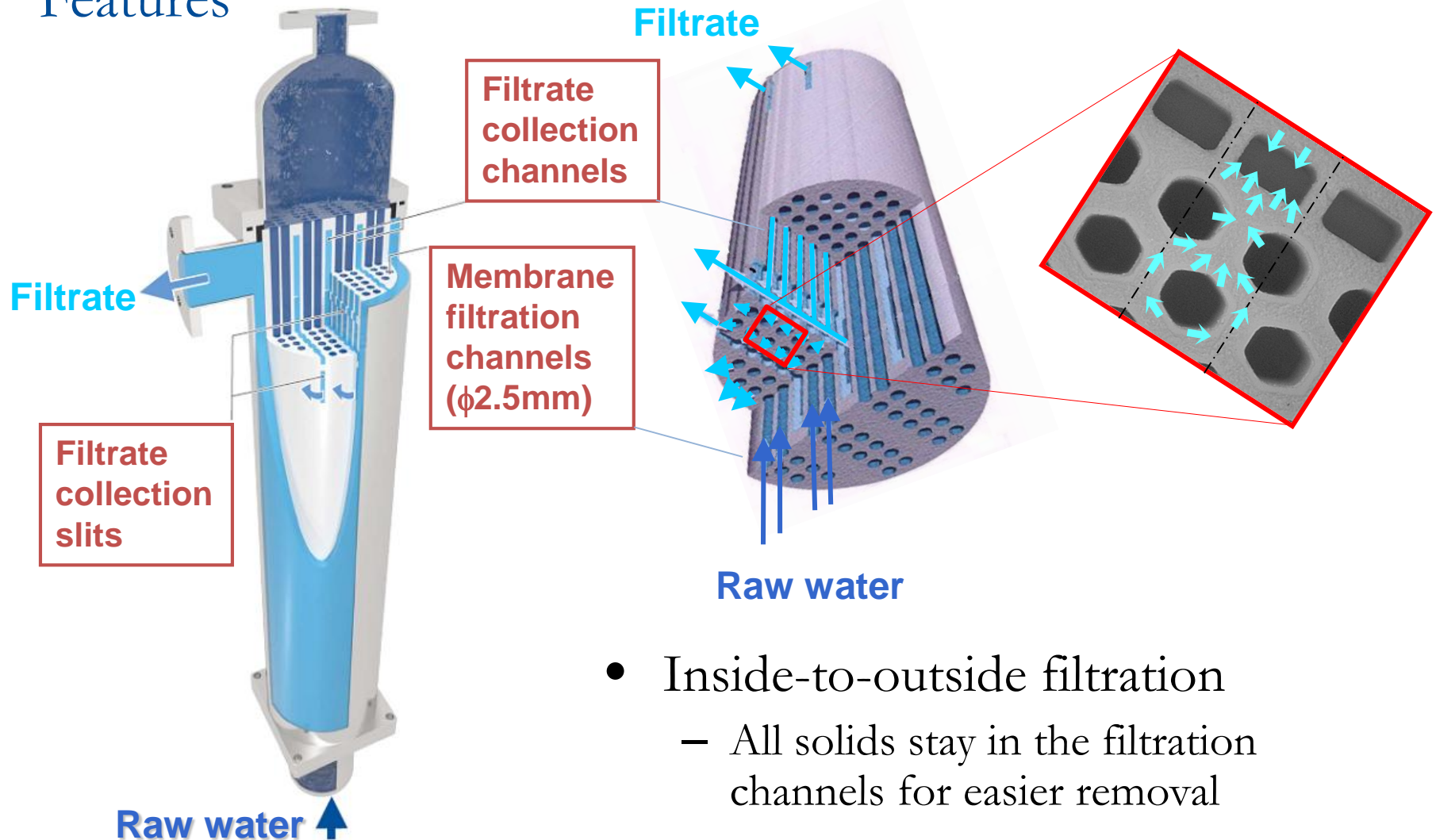


Aqua MultiBore® C-Series

Features



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Aqua MultiBore® C-Series

Major Advantages

- High Flux
- High Recovery
- Long Life
- Many Installations



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Aqua MultiBore® C-Series

Long Life

- High chemical and temperature resistance
 - 1-13 pH
 - 0 – 50°C
- Low fouling potential
 - Many cleaning options
 - Highly hydrophilic (more resistant to fouling)
- Only one replacement in 19+ years and 175+ plants

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Many Installations



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- Installations in Japan
 - 152 drinking water plants
 - 1 reuse plant
 - 773K m³/day (204 MGD) total capacity
 - First installation in 1998
- Installations Outside of Japan
 - 8 drinking water plants with 474K m³/day (125 MGD) total capacity
 - 3 industrial plants
 - 14 mobile plants in 6 countries



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Basin Creek Drinking Water Plant, Butte, MT

- Operational since May
- Has treated up to 7.4 MGD flow
- Currently set for 4-hour filtration, 5 mg/L NaOCl weekly
- Will perform CIP when TMP reaches 10 psi (~ 45 days)





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