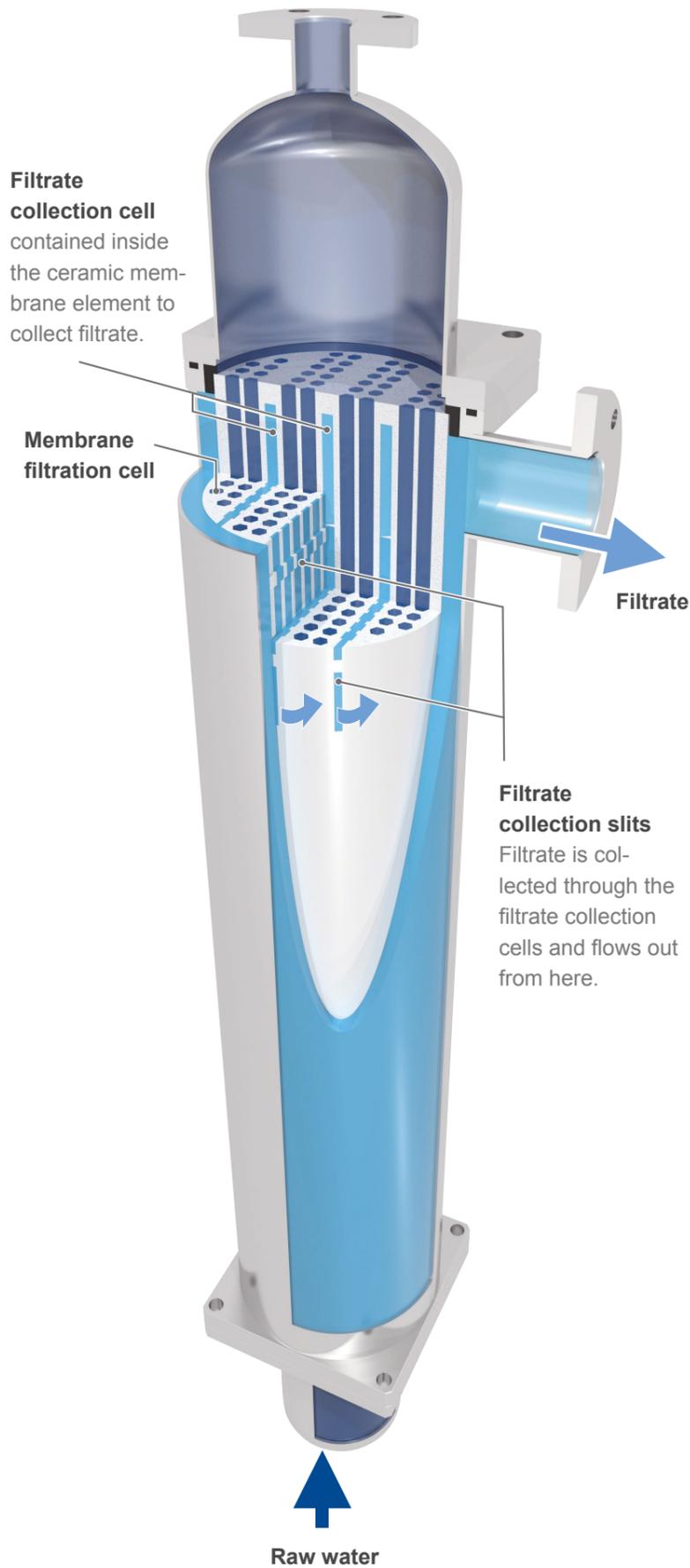


CERAMIC MEMBRANE FILTRATION SYSTEM

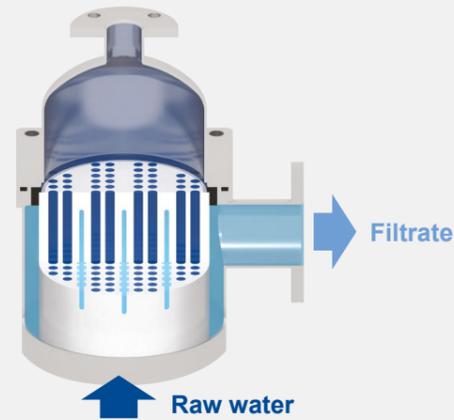
The ceramic membrane filtration system promises safe water



FILTRATION MECHANISM

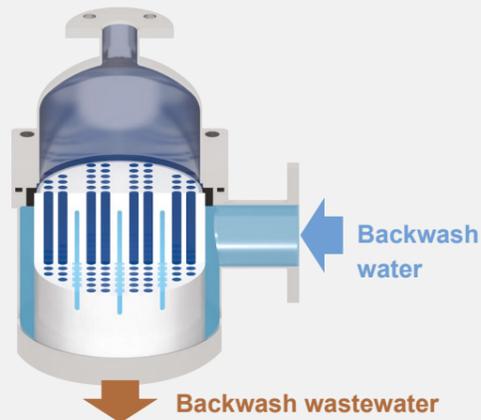


FILTRATION PROCESS



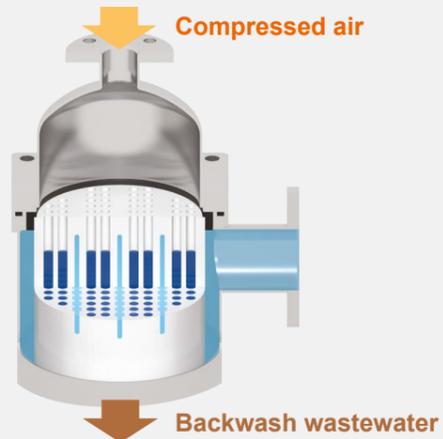
BACKWASH PROCESS

Contaminants separation
High-pressured backwash water detaches the contaminants at 500kPa (5bar, 72psi)



AIRFLASH

Compressed air discharges the contaminants at 200kPa (2bar, 29 psi)



FEATURE OF THE CERAMIC MEMBRANE ELEMENT

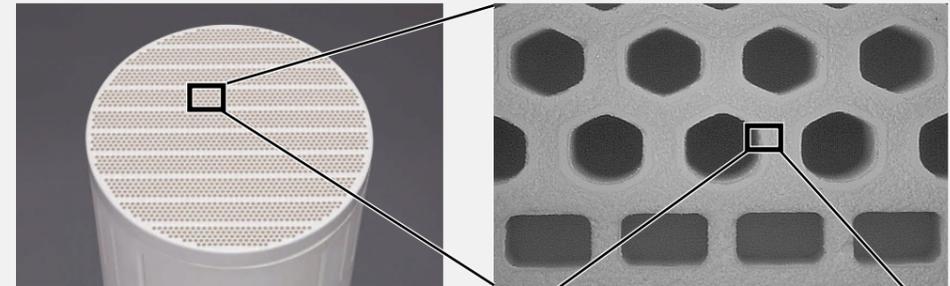
The unique features of the ceramic membrane element allow for the perfect water treatment plant

- **High mechanical strength and resistance to chemicals**
The ceramic membrane is highly resistant to pressure, heat and corrosion, resulting in no membrane breakage.

- **Long operation life**
The ceramic membrane element maintains its performance for a long time.

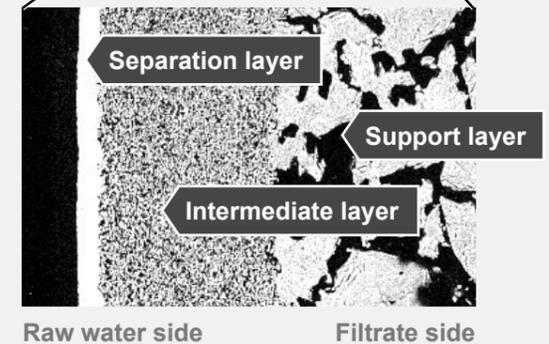
- **Low environmental impact**
Used membranes can be reused as raw ceramic material.

CERAMIC MEMBRANE ELEMENT



MEMBRANE ELEMENT SPECIFICATIONS

Type: Inner pressure monolithic
Material: Ceramics
Nominal pore size: 0.1 μ m
Outer diameter x Length: 180mm x 1,500mm
Membrane cell inner diameter: approx.. 2.5mm
Membrane area: 25m²



NEWLY SMALL SCALE WATER TREATMENT SYSTEM

Package of drinking water treatment plant (DWTP)

FEATURE OF PACKAGED DWTP

- Fast implementation
- Small footprint
- Low cost
- Unattended operation
- Skidmounted or containerized unit.



Professionals in water!

Solutions and systems within the potable water, waste water and process water industry.

RWB differentiates itself by supplying standard systems on the one hand and by developing custom made solutions on the otherhand. By keeping all disciplines, like engineering, process management

assembly, commissioning and maintenance in-house and also because of a 24/7 service, RWB can offer a complete package in water treatment. That is our added value!

RWB's services

-  Process technology
-  Engineering
-  Project management
-  Service

