

Membrane filtration system

- Custom-made water treatment system: Our membrane filtration technology enables us to fulfill our customers' needs, from pure water production through to waste water recycling

Characteristics

1. Membrane filtration water purification system

We have been engaged in designing and manufacturing RO (reverse osmosis) membrane water treatment systems since 1979. The technology and knowledge we have accumulated enables us to design and manufacture water treatment systems using a filtration membrane (for reverse osmosis water and concentrated water production, seawater desalination, effluent treatment, etc.).

2. Plant plumbing works

We put our stainless welding technology to full use to meet a whole range of customer needs for equipment installation, including on-site plumbing work and peripheral facility reconstruction & maintenance that make use of our technologies in high-pressure piping, sanitary piping and other plumbing work in the chemical and food plant industries.

3. Metallic components machining/assembly

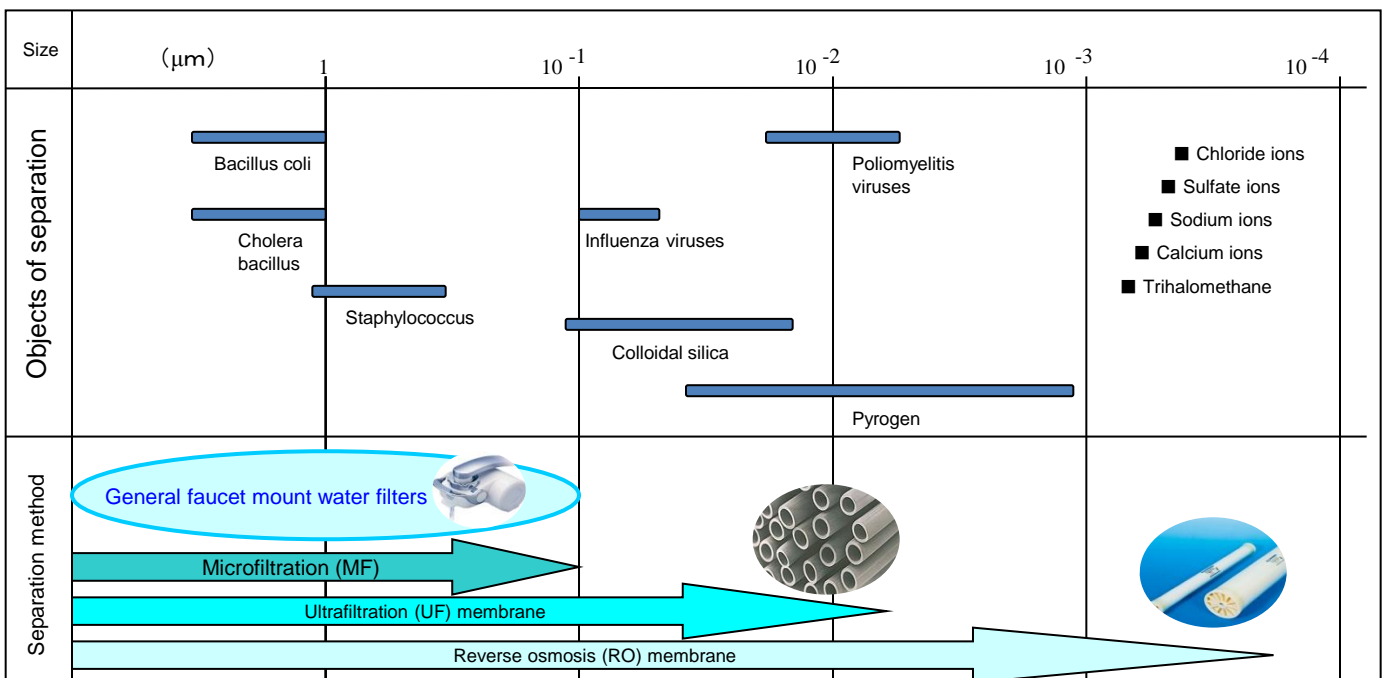
We can provide a flexible service to meet our customers' needs even for a single item.

4. Local corporation in Vietnam (Dewx Vietnam Co., Ltd.)

We also have a base in Vietnam.

Overview (technological principle, mechanism, etc.)

Membrane separation performance



Delivery record

System name: Seawater desalination system
 (W6000 D2250 H2350)
 Production capacity: 8 t/h
 Electrical supply: AC 200 V; 60 Hz; three-phase

System name: RO membrane filtration system
 (W900 D1600 H1800)
 Pressure: 1.0 MPa
 Flow rate: 3.5 L/min
 Elements of use: 4 inches, 1 meter
 Raw water tank: 200 L
 Electrical supply: AC 200 V; 60 Hz; three-phase

System name: UF membrane filtration system
 (W4280 D1600 H2405)
 Pressure: 0.3 MPa
 Flow rate: 72.3 m³/day
 Elements of use: 8 inches, 1 meter; hollow fiber membrane module
 Number of elements: 2
 Electrical supply: AC 200 V; 60 Hz; three-phase

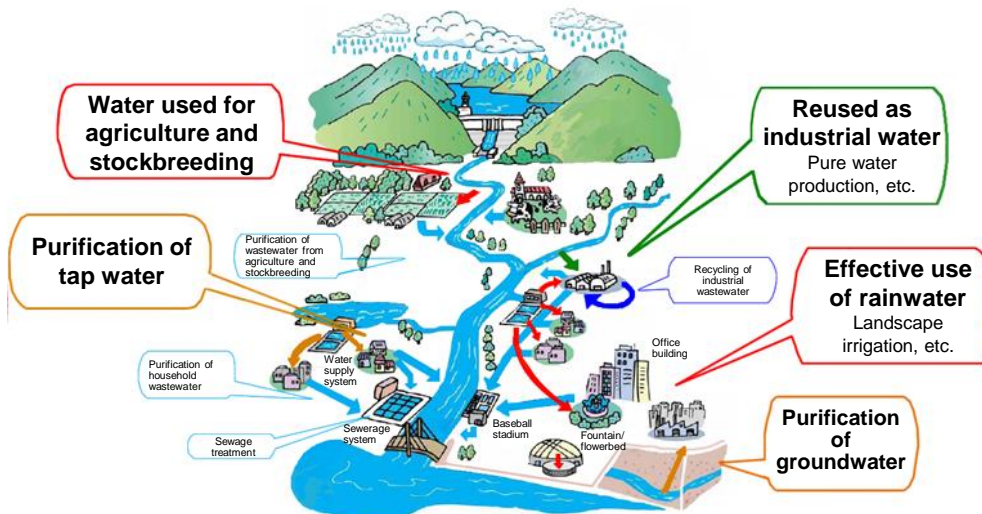


Effect

[Fusion of proposal-based design and customer-oriented manufacturing]

From designing to machining, assembling and on-site works—we offer a customer-oriented total engineering service.

3R's for water >>> Reproduction, recycling & purification and saving of natural resources



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