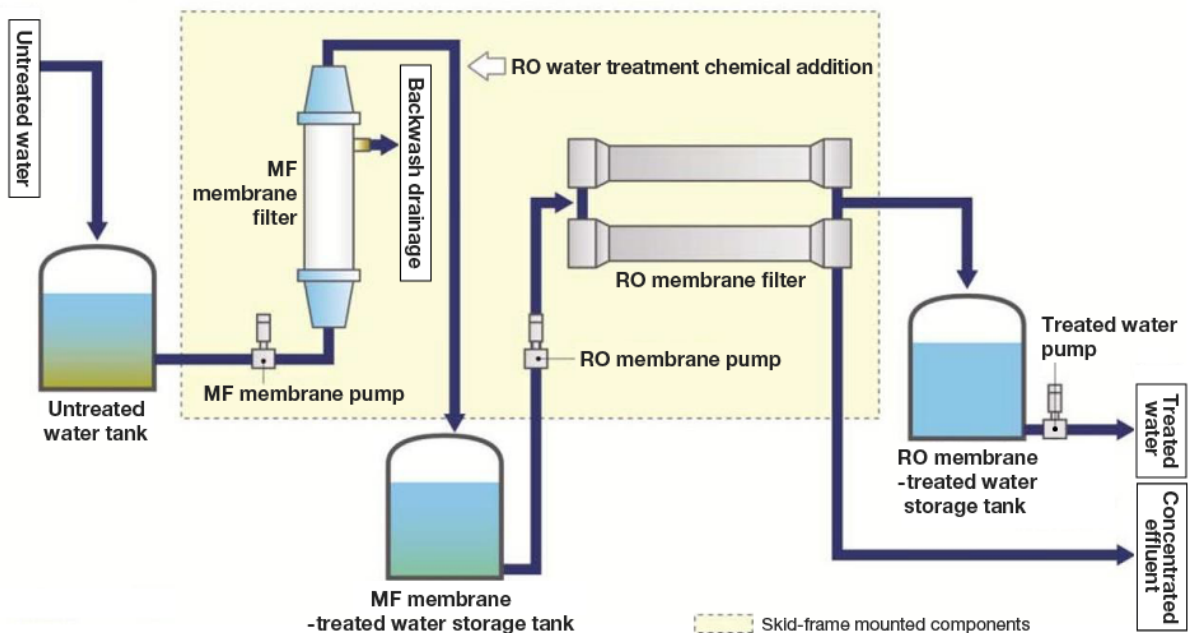


# RECLAM (Water Recycling Equipment)

## Water recycling equipment employing MF and RO membranes

Via the use of microfiltration (MF) and reverse osmosis (RO) membranes, RECLAM contributes to the effective utilization of effluent that previously had simply been discharged and helps reduce water and sewerage charges. Consisting mainly of a skid-mounted system, RECLAM is easily installed on plant premises, offering a way to utilize idle space.

### The RECLAM water-recycling process: key flow diagram



## Features

### ● Effective utilization of water resources

Helping reduce running costs arising from water and sewerage charges, RECLAM is a water treatment and recycling process employing MF and RO membranes to recover effluent that previously had simply been discharged.

### ● Environmental load reduction

Water recycling naturally helps reduce environmental load attributable to plant operations.

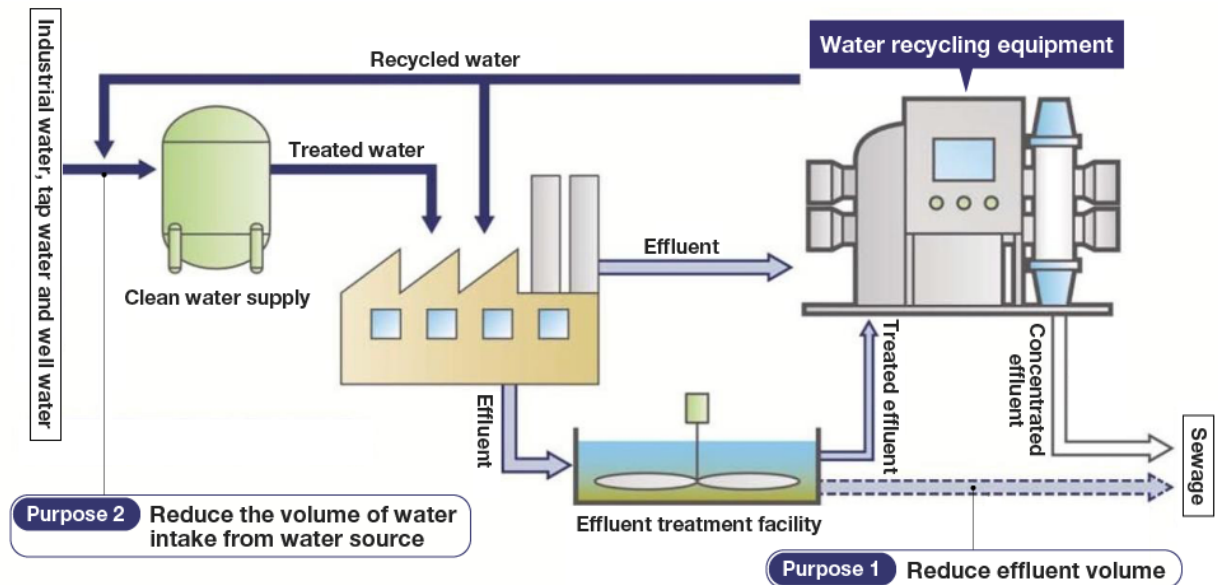
### ● Quick adjustment to production increase

Even when a production increase results in a growing volume of effluent, RECLAM helps mitigate the burden on treatment facilities via the separation and recycling of effluent and thereby frees plant operators of the need to expand existing treatment facilities.

### ● Multiple applications

RECLAM also serves as pure water supply equipment.

## Purposes of water recycling



## Main Applications

- At plants that discharge effluent into sewage water
- At plants that consume tap water in their processing
- Effluent recycling by manufacturers engaged in plating, semiconductor manufacturing, steelmaking and the treatment of sewage water

### Related keywords

Drainage capacity expansion, increase in effluent volume, total volume regulations, reduction in sewage charges, reduction in water charges

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