



NWRO

Hyper Filtration Technology

The NWRO system is a system used to adjust the water quality to be suitable for drinking water, food and beverage production, as well as to solve the water quality problem that is affected by the drought that causes unqualified water quality for consumption beside this our NWRO is a unique advance water treatment used to treated sea water become to City water with technology of energy recovery that make the water operation cost is lowest and highest effective



Taylor-made system



CIP function included



Reliable energy efficiency



Anti-corrosion coating & material



NSWRO for Aquaculture



NBWRO for Food processing



NBWRO for Pharmaceutical

NWRO Hyper Filtration Technology

NTESCO Solution Highlight

When you need a reverse osmosis (RO), NWRO is the first name to come to your mind. Our NWRO offers complete, pre-engineered, standardized solutions to meet your water requirements, saving you money and ensuring reliability.

Taylor-made system: With NTESCO unique design that match every requirement for each customer.

- NWRO system is based on standardized membrane modules. These units are designed and manufactured with the objective of easy maintenance and expedient and compact footprint.
- Standardized and built-in either corrosion-resistant (option).
- High-quality pumps, valves, and sensors are used to ensure operational stability and longevity.
- Materials of construction and sealings are selected depending on the water composition and end-user requirements.
- Containerized solution is available option.

CIP function included: easier and friendly operation with automatic CIP function is available as a standard. It is not an option same as most of others.

Reliable energy efficiency: With Energy Saving Technology for high pressure pumps were selected for our high reliability and energy efficiency NSWRO systems.

Proven effective system: Over 20 NWRO system was installed at variety applications in food & beverage, pharmaceutical, feed processing...Especially we are expert in desalination with total capacity is over 3.000 CMD for fresh water produced by NSWRO

NTESCO Results

With NWRO system, customer can ensure effluent water quality that match their specific requirements. Customer have mind-free with their old problems: human mistake, high downtime, high operation cost, water scarcity and non-standard water quality...

Introduction

Reverse Osmosis is very effective technology in treating brackish, surface and ground water for both large and small flows applications. It has become the most widely used filtration technology at industrial level. Some examples of applications that use RO water include: impurity water, desalination, produce ultrapure water, waste water treatment and reduce – reuse – recycle process

The matter of concern of R.O system are:

- Low energy requirements
- Standardized and compact design
- Easy operation and maintenance
- Modular design also makes expansion an easy option.

BENEFITS

- High recovery system: 70-75 % with NBWRO and 40-45% with NSWRO
- Assure effluent water quality.
- Adapt to non-chemical treatment process.
- Lowest operation cost with energy saving technology
- Reliable operation with automation integrated intelligent program
- Easy operation & monitoring by "one-touch button"
- On-line monitoring able to be integrated into SCADA or ethernet.
- Mind-free with NTESCO 24/7 service & customer satisfy program.

NTESCO Group

Email : ntesco@ntesco.com

Website : www.ntesco.com

