



Industrial Desalination

Desalination systems are designed to reject 99.9% of salts in the water supply. This process is used in the treatment of sea water and applied in municipal water, power plants, energy, industrial wastewater recovery and reuse.

- HIGH REJECT LOW ENERGY MEMBRANES
- FLOW RATES UP TO 1MGD
- CUSTOMIZED SYSTEMS OVER 1MGD
- SS2205 PIPING FOR HIGH PRESSURE
- UPVC SCH. 80 PRE AND POST TREATMENT
- ELECTRICAL 230/380/460V 3PH 50/60HZ
- MADE IN USA



Model NBWS	Flow Rate (GPM)	Production Capacity (GPD)	Production Capacity (m3)	Number of Membranes (8" x 40")	Feed Flow Rate	System Dimensions (L x W x H)	Energy Recover Device (ERD)	RO Pump (hp)
Industrial Reverse Osmosis For TDS > 2500 ppm								
NBWS-SWRO-80-35-30000	21	30,000	114	8	52	300 x 48 x 60	N/A	60
NBWS-SWRO-80-35-40000	28	40,000	151	10	69	300 x 48 x 60	N/A	70
NBWS-SWRO-80-35-50000	35	50,000	189	12	87	300 x 48 x 60	N/A	80
NBWS-SWRO-80-35-60000	42	60,000	227	18	104	300 x 48 x 60	Turbo	50
NBWS-SWRO-80-35-80000	56	80,000	300	20	139	300 x 48 x 60	Turbo	60
NBWS-SWRO-80-35-100000	69	100,000	379	24	174	300 x 48 x 60	Turbo	70
NBWS-SWRO-80-35-150000	104	150,000	568	36	260	300 x 60 x 60	Turbo	100
NBWS-SWRO-80-35-250000	174	250,000	946	60	434	300 x 60 x 60	Turbo	175
NBWS-SWRO-80-35-500000	347	500,000	1893	126	868	300 x 60 x 60	Turbo	300
NBWS-SWRO-80-35-750000	521	750,000	2839	174	1302	300 x 80 x 60	Pressure Exchanger	375
NBWS-SWRO-80-35-1000000	694	1,000,000	3785	234	1736	300 x 96 x 60	Pressure Exchanger	450

* Specifications based on projections using IMSD. Seawater Conventional with TDS of 35000 ppm, For requirements over 35000 ppm submission of inquiry is required.

Applications

- Drinking Water Treatment
- Resorts
- Municipal Water Treatment
- Power plants
- Cooling towers
- Off-shore drilling rigs
- Ships / Yachts

Features / Options

- Energy Recovery Devices over 50k GPD
- PLC / HMI Upgrade
- High Rejection / Low Energy Membranes
- Containerized Option
- Clean in Place Skids
- Pre / Post Treatment
- Project Design and Build
- Intake and Outfall Design and Build

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Nature's Blend Water Systems USA

Hydropure Tech Philippines Corp.

Creating awareness for healthy and green living...

System Specification Sizing

Selecting the correct reverse osmosis is vital to the proper operation and efficiency of the RO system.

Criteria to be considered when choosing the right system:

- Feed Water TDS (total dissolved solids)
 - Municipal water TDS Below 1,000 ppm
 - Lightly Brackish Water TDS Below 2,500 ppm
 - Brackish Water TDS 5,000 to 10,000 ppm
 - Sea Water TDS 10,000 to 40,000 ppm

NBWS-SWRO-80-35-80000 Desalination System



Individual Customer Specifications

Every project and requirement is different. For customized solutions tailored to individual specifications; feel free to contact a customer care representative. Our team of engineers are available to help design a system for a customer's individual requirement.