

MEMBRANE SEPARATION SPECIFICATIONS

Membrane Separation systems are favored for the production of high purity water for a wide variety of industrial applications. We have a system suitable for your need:

- Disinfection
- Product recovery
- Purification
- Deionization
- Desalination
- Ion exchange
- Demineralization
- Condensate polishing
- Concentration



A RATIONAL AND COST-EFFICIENT SOLUTION FOR MOST COMMERCIAL, INDUSTRIAL AND MUNICIPAL PURE WATER NEEDS

Membrane Separation is offered in a full range of vertical or horizontal pressure systems that will meet all of your pure water needs. Membranes are made in a variety of configurations and materials (cellulose acetate polyamide, thin-film composite with a tubular, spiral or hollow-fiber configuration). Every system is subjected to the most rigorous quality control to ensure that it will perform well under actual operating conditions.

- Designed for reliability, high-efficiency system(s)
- Simple operation and easy maintenance (no costly maintenance contracts)
- Lower pressure operation for best energy savings
- Solid (heavy-duty) construction
- Low purchase cost, compared to other technologies
- Non-stop, non-monitored operation
- Highest combined flow and rejection available
- Self-cleaning system
- Modular design, easily expandable
- Exceptional warranty on membranes and related equipment

*WE TAKE PRIDE IN DESIGNING AND MANUFACTURING
THE RIGHT PRODUCT TO MEET YOUR APPLICATIONS*

Membrane Separation system is provided in **both standard and customized designs** in system sizes ranging from a few gallons to several thousand gallons per day. We guarantee that our systems will be fully integrated with upstream and downstream processes. Pretreatment with high-efficiency filtration system(s) (particle removal down to 0.45 micron) is also available upon request.

Sonitex designs and manufactures membrane Separation systems using a wide range of membrane construction and materials.

Model	Production GPM	Mem. Qty.	Ave. gfd	Space Req'd. LxWxH	Weight lbs
ROSW-10	10	4	9.7	13 x 5 x 6	3000
ROSW-15	15	6	9.7	15 x 5 x 6	3500
ROSW-20	20	7	11.1	13 x 5 x 6	4400
ROSW-25	25	9	10.8	15 x 5 x 6	5500
ROSW-30	30	11	10.6	16 x 5 x 6	6200
ROSW-40	40	15	10.4	20 x 5 x 6	6800
ROSW-50	50	18	10.8	23 x 5 x 6	7500
ROSW-60	60	21	11.1	27 x 5 x 6	7800
ROSW-70	70	24	11.4	23 x 5 x 6	8300
ROSW-80	80	28	11.1	27 x 5 x 6	9800
ROSW-90	90	30	11.7	23 x 5 x 6	104000
ROSW-100	100	35	11.1	27 x 5 x 6	13000