



## Product factsheet

# SL-SWDF series

Hardware product or technological device

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## Description

Powered by engineering excellence and membrane based water treatment expertise, SLS standard membrane systems encompass reliability and efficiency in compact designs. The SLSWDF Series provides a reliable source of fresh water at large production capacities, with minimal space and maintenance requirements. Its configuration provides maximum utility of space while incorporating ease of control and safety standards.

## Standard Features

- Low Maintenance Danfoss HP Pump
- Danfoss I-Save Energy Recovery System
- 1000PSI FRP membrane housing
- Low & High Pressure Air Relief Valve
- 5 micron sediment bag pre-filter
- SLS rotameters for permeate and concentrate stream
- SLS pressure gauges for prefilter feed and RO feed
- Danfoss low pressure switch
- SS316 concentrate needle valve
- Hydranautics Low Fouling Membrane
- Powder coated carbon steel frame
- Provision for CIP and chemical dosing
- Duplex SS High Pressure Pipe
- UPVC SCH80 pipeworks on low pressure side

## Benefits

- PLC Control with Touch Panel
- Fully Equipped and Customizable

- Factory Tested and Preserved
- 1-Year Limited Warranty
- Manufactured in Taiwan
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### Available Options

- RO membranes available with brands of Filmtec, Hydranautics, Vontron and Toray
- FRP membrane vessel
- Grundfos multistage pump
- CNP multistage pump
- Cocentrate recycling flow meter
- Provision for CIP

### URL

<https://www.arcticbreeze.fi/sl-swdf-series-desalination-systems>

### Technologies applied by the product

- [Wastewater treatment technologies for water reuse](#)
- **Water and Wastewater Engineering**

### Related tags

water

Wastewater reuse

Wastewater management