

The Nimbus MN-800 light commercial water treatment systems are designed for a wide variety of applications. These systems utilize high performance thin-film reverse osmosis membrane to reduce total dissolved solids and hardness.



## Standard Equipment

- Stainless steel frame and pressure vessels
- High rejection, thin-film reverse osmosis membranes
- System, tank, inlet and filter pressure gauges
- Stainless steel concentrate recirculation valve for higher recovery rates
- Product water check valve for use with a pressurized storage tank
- Low-pressure shut-off switch to protect against costly pump damage
- Tank pressure switch
- Standard 20" filter housings
- 10" post filter, may be used with a calcite filter to neutralize pH

## Optional Equipment

- Remote by-pass panel to monitor TDS and storage tank pressure
- Pressure tank
- Custom prefiltration and water softening

<b>Model No.</b>	MN-800 TF
<b>No. of Desalinators</b>	2 (2.5" x 25")
<b>Production Rate</b>	800 gpd (2103 ml/min)
<b>Max Operating Pressure</b>	200 psi
<b>Max recovery</b>	33%
<b>Electrical supply 110V/60 Hz</b>	11.0 A
<b>Electrical supply 220V/60 Hz</b>	5.2 A
<b>Motor rating</b>	3/4 HP
<b>Pump model</b>	2504 A
<b>Dimensions</b>	42"H x 19"W x 16"D
<b>Weight</b>	84 lbs

*Production rates are based on 200 psi net at 77°F with feed water containing 1000 ppm NaCl. Flow tolerances are ±15%.*

<b>Membrane Type</b>	Thin-film
<b>Feed Pressure</b>	15-100 psi (1.0 - 5.9 bar)
<b>Max Feed Flow Rate</b>	2.75 gpm
<b>Max Temperature</b>	122°F (50°C)
<b>Max Chlorine (continuous)</b>	1.0 ppm
<b>pH Range (operating)</b>	4.0 - 11.0
<b>pH Range (optimal rejection)</b>	5.0 - 8.0
<b>Turbidity</b>	<1.0 NTU
<b>Silt Density Index</b>	<5.0 SDI
<b>Iron</b>	0.0 ppm
<b>Manganese</b>	0.0 ppm
<b>Hydrogen Sulfide</b>	0.0 ppm