

Nordic Filtration

Water
Treatment



Reverse Osmosis Monoblock Series - Black version

www.nordicfiltration.com



Technical Data

- 3.000 - 48.000 LPH
- Up to 95% Salt reduction
- Up to 98% System recovery
- 2000 ppm, Max inlet TDS
- Power: Three-phase 400V, 50Hz
- Painted Steel
- Op. Pressure 7 -10 bar
- Connection: 2" / 1" / 1"



Advantages

- Permeate recovery up to 99%
- Extended membrane life
- Patentet high frequency discharge
- Ultra low energy consumption
- Robust construction
- Easy maintenance
- Quiet operation
- Space saving design

- **! Important Feed Water quality!**

- **Permeate flow is calculated at 20°C - flow drops by 3% every 1°C**

- **Feed pressure: 2,5 - 6 bar**
- **TDS max.: 2000ppm**
- **Salinity: <1000ppm**
- **Free chlorine: <0,1 mg/l**
- **Iron: <0,1 mg/l**
- **Manganese: <0,1 mg/l**
- **Oil: 0 mg/l**

At 10°C the Permeate flow will reduce to the following:

- APRO 3000: 2.100 LPH**
- APRO 4000: 2.800 LPH**
- APRO 6000: 4.200 LPH**

The game-changing stackable RO water purification solution.

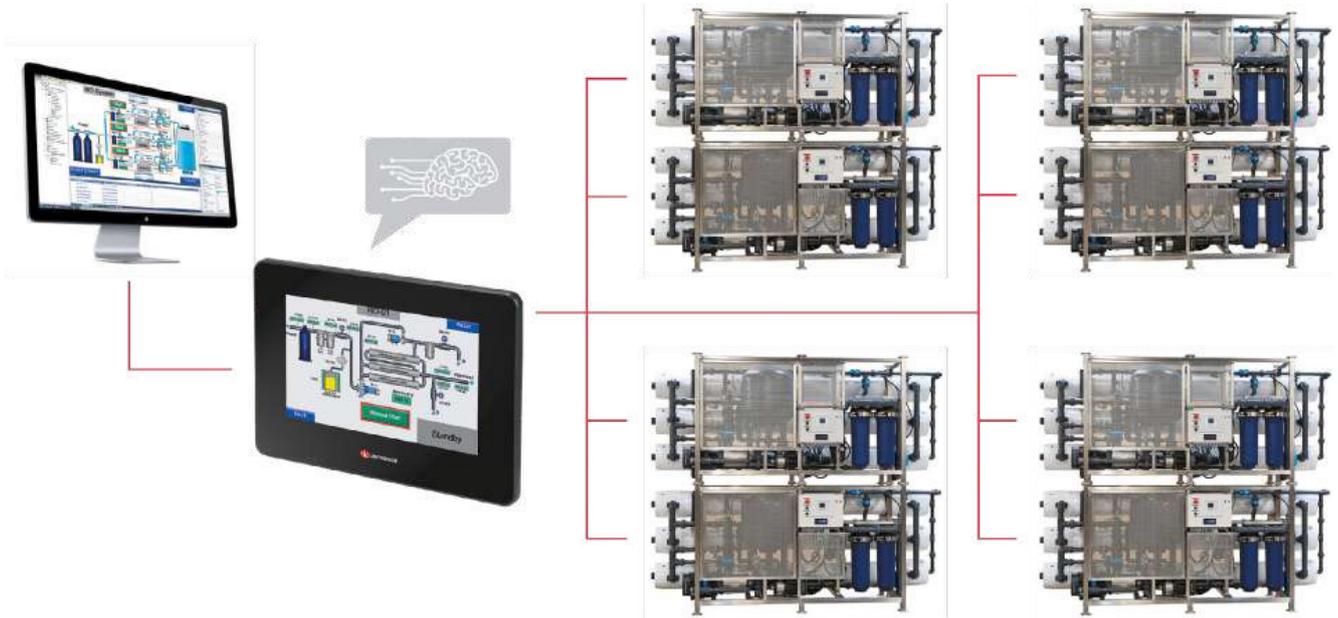
Innovative modular RO units with varying production rates can be easily rearranged or reinforced with other units to meet the changing requests of capacity and space. Remote control allows managing the system from any place.

Booster pump and recirculation pumps save up to 50% electricity.

This type of RO-system can be connected up to a maximum of 48.000 LPH. That equals to 8 of the APRO 6000 - systems.

The system can be controlled both on a computer, a portable device and on the system it self.





Technical Features

| Model | APRO-3000 | APRO-4000 | APRO-6000 |
|---------------------------------------|------------------------|---------------|---------------|
| Permeate flow, l/h | 3000 | 4000 | 6000 |
| Membrane quantity | 3 | 4 | 6 |
| Membrane size, inch | 8 x 40 | | |
| Max inlet TDS, ppm | 2000 | | |
| Production of clean water, l/h (20°C) | 3000 | 4000 | 6000 |
| Production of clean water, l/h (10°C) | 2100 | 2800 | 4200 |
| Reduction of salt content | Up to 95% | | |
| System recovery | Up to 98% | | |
| Power supply | Three-phase 400V, 50Hz | | |
| Dimensions, mm | 3640x840x1150 | 2800x840x1150 | 2800x840x1150 |
| Net weight, kg | 236 | 287 | 389 |



Nordic Filtration

At www.nordicfiltration.com you will find a wide selection of filtration products ready for you to order.

Nordic Filtration offers a wide selection of filtration products for water treatment. We have stock in Denmark from where we distribute all of our products to Scandinavia and the the rest of the world.

You can buy our products on local websites or by contacting us by phone or e-mail. Information about our products as well as brochures and manuals can be found on our website (www.nordicfiltration.com).

We can adapt all of our filtration products to your needs, and we offer visits from our consultants in order to find the right solution for you.

