

Nordic Filtration

Water
Treatment



Reverse Osmosis HP - High Pressure

www.nordicfiltration.com



The RO-HP series systems are compact commercial reverse osmosis units that allow a consistent production of high-quality water with low energy consumption and reduced operational cost.

Equipped with the highest quality components, RO-HP series features robust space-saving design, easy maintenance, and quiet operation.

System equipment

- Various product Sizes 250 - 2000 l/h
- Stainless steel frame
- Multi stage stainless steel Grundfos pump
- MP controller for quality monitoring
- High rejection TFC membrane
- Panel mounted Glycerin-filled gauges
- Low pressure shutoff
- Double pre-filter
- High pressure stainless steel piping
- Low pressure PVC piping
- Belimo actuated flush valve

Optional features

- Antiscalant dosing pumps
- Supply pumps and storage vessels
- UF pre-treatment
- Integrated ABB PLC and color touch screen display with remote control kit

Technical Data



- 250-2000 l/h (depending on model)
- Up to 99,7% Salt reduction
- 50%-95% System recovery
- 4.000 ppm, Max inlet TDS

Benefits

- Improved water quality
- Extended membrane life
- Low maintenance operation
- Space saving design
- Quiet operation
- Reduced operational costs





Technical Features

| Model | RO-HP 250 | RO-HP 500 | RO-HP 750 | RO-HP 1000 | RO-HP 1500 | RO-HP 2000 |
|--|----------------------------|-----------|--------------------------|------------|-------------------|------------|
| Permeate flow, l/h | 250 | 500 | 750 | 1000 | 1500 | 2000 |
| Membrane quantity | 2 | 2 | 3 | 4 | 6 | 8 |
| Max inlet TDS, ppm | 4000 | 4000 | 4000 | 4000 | 4000 | 4000 |
| Production of clean water, l/h | 250 | 500 | 750 | 1000 | 1500 | 2000 |
| Reduction of salt content | Up to 99,7% | | | | | |
| System recovery | 50%-95% | | | | | |
| Membrane's type | 2x4021 / 1x4040 | 2x4040 | 3x4040 | 4x4040 | 6x4040 | 8x4040 |
| Power supply | 220V, 50Hz | | 380V, 50Hz | | | |
| Dimensions, mm | 600 x 500 x 1600 | | 1150 x 750 x 1390 | | 2170 x 800 x 1790 | |
| Net weight, kg | 80 | 109 | 112 | 127 | 154 | 230 |
| Connections (inlet, outlet, concentrate) | 3/4" , 3/4" , 3/4" NPT(PB) | | 1" , 3/4" , 3/4" NPT(PB) | | | |



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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.

