

AP.R0-HS systems

THE UNIQUE FEATURES OF OUR AP.R0-HS SYSTEMS
ALLOW A CONSISTENTLY PRODUCTION OF HIGH QUALITY WATER, SUITABLE
FOR HIGH SALINITY WATER SOURCES

We introduce AP.R0-HS Reverse Osmosis
product line also suitable for Baltic Sea
water purification

- Equipped with the highest quality components
- Robust construction and easy maintenance
- Modern design and quiet operation
- Built and assembled in EU



reverse osmosis system AP.R0-HS-1000



BENEFITS

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

SYSTEM EQUIPMENT

- Various Product Sizes 300 – 1500 LPH
- Stainless steel Frame
- Multi Stage Stainless steel 316 Grundfos pump
- MP controller for quality monitoring
- High rejection TFC Membranes
- Panel mounted Glycerin-filled Gauges
- Low Pressure Shutoff
- Double Pre-filter
- High Pressure Stainless steel 316 piping
- Low Pressure PVC piping
- Belimo actuated flush valve
- Stainless steel 316 membrane housings

OPTIONAL FEATURES

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



Standart features AP.RO-HS



MODEL	AP.RO HS 500	AP.RO HS 1000	AP.RO HS 1500	AP.RO HS 2000
Permeate Flow, LPH	300	600	1000	1500
Membrane Quantity	2	4	6	8
Max inlet TDS, ppm	10 000	10 000	10 000	10 000
Flush Valve	Yes	Yes	Yes	Yes

Specification AP.RO-HS

MODEL	AP.RO HS 500	AP.RO HS 1000	AP.RO HS 1500	AP.RO HS 2000
Production of clean water LPH	300	500	1000	1500
Reduction of salt content, %	95 - 99			
System recovery, %	25 - 85			
Membrane's type	2 x 4040	4 x 4040	6 x 4040	8 x 4040
Power consumption, Wt	0.7-1.5 kWt/h per 1 m ³ permeat			
Power supply	380 V, 50 Hz			
Dimensions, mm	1775 x 1210 x 915		1200 x 860 x 1510	
Net weight, kg	210	220	225	240
Sizing (inlet, outlet, concentrate)	1" / 3/4" / 3/4" NPT (PB)			

GENERAL INFORMATION

The reverse osmosis system of Aquaphor (RO system) manufactured by "Westaqua-Invest OÜ" (Estonia, EU). The RO system is designed to **reduce the total salt content** by reverse osmosis (**desalination, demineralization, reduction of conductivity**) water from municipal and local water supply systems (brackish water) under the correspondence of the requirements established by the demands.

Materials of RO systems are **safety, non-toxic** and do not release to the water any dangerous substances to health or the environment.

The RO system is the most efficient and safe installation of desalination.

NOTE The RO system is not designed to solve all problems related to water treatment. For proper operation it requires pretreatment.



THE SCANDINAVIAN FILTRATION PARTNER

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ABOUT US

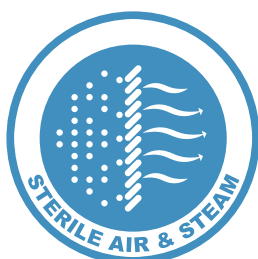
Ultrafilter Scandinavia offers a wide selection of filtration products for compressed air, liquids and gas. We have stock in Denmark and from here we distribute all of our products to Scandinavia and the Baltic countries.

Ultrafilter Scandinavia is a part of the Ultrafilter group. Our production facility is in Germany and we have several subsidiaries in Europe and the United States.

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FILTRATION OF



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