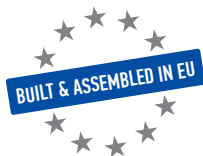


APRO-HS systems

APRO-HS (HIGH-SALINITY) SYSTEMS ARE DESIGNED TO PRODUCE HIGH QUALITY WATER FROM WATER SOURCES WITH HIGH SALT CONTENT

We introduce APRO-HS Reverse Osmosis product line suitable for high salinity water purification, for example the Baltic sea

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



APRO-HS-2000 reverse osmosis system



BENEFITS

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

SYSTEM EQUIPMENT

- Various Product sizes ranging 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
- Antiscalant dosing pumps

OPTIONAL FEATURES

- Supply pumps and storage vessels
- UF pretreatment
- GSM/GPRS Modem + Remote control



Standard features of APRO-HS



MODEL	APRO HS 250/500	APRO HS 1000	APRO HS 1500	APRO HS 2000
Permeate Flow, LPH	150/300	600	1000	1500
Membrane Quantity	1/2	4	6	8
Max inlet TDS, ppm	10 000	10 000	10 000	10 000
Flush Valve	Yes	Yes	Yes	Yes

Specifications of APRO-HS

MODEL	APRO HS 250/500	APRO HS 1000	APRO HS 1500	APRO HS 2000
Reduction of salt content, %	95 - 99			
System recovery, %	25 - 85			
Membrane type	1/2 × 4040	4 × 4040	6 × 4040	8 × 4040
Power consumption, Wt	0.7-1.5 kWt/h per 1 m³ permeat			
Power supply	220 V, 50 Hz			
Dimensions, mm	770 × 620 × 1 525	1 150 × 750 × 1 390	2 170 × 800 × 1 790	
Net weight, kg	102/106	199	211	254
Size (inlet, outlet, concentrate)	1" / 3/4" / 3/4" NPT (PB)			

GENERAL INFORMATION

The **reverse osmosis systems** by Aquaphor Professional is manufactured by "Aquaphor International OÜ" (Estonia, EU). The RO system is designed to **remove the organic impurities** and **reduce the total salt content** of water from municipal and local water supply systems (borehole, brackish or sea water) in accordance with the requirements.

Materials used in RO systems are **safe, non-toxic and do not release any dangerous substances into the water**. The RO system is the most efficient and safe device for desalination purposes.

NOTE The RO system is not designed to solve all problems related to water treatment. For proper operation it may require additional water pre-treatment.