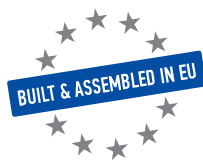


APRO 150–750 systems

FULLY AUTOMATIC (PLUG & PLAY)

Mass produced APRO Brackish Water RO product line (EU and international patents issued and pending)

- Ultra low energy consumption
- Remote control
- Easy setup via APRO Monitor App



reverse osmosis system APRO 300

BENEFITS

- Low energy consuming booster pump
- Permeate recovery up to 99%
- Extended membrane life
- Easy maintenance
- Space saving design
- Low cost operation
- Reduced antiscalant consumption
- Fully Automatic

STANDARD SYSTEM EQUIPMENT

- Grundfos pumps (Made in EU)
- Stainless steel seamless pressure vessels
- Automatic patented preset Permeate Recovery Control
- Fully equipped electric board
- MP controller with TDS/flow/pressure monitoring
- 4.5" (BB) / 5.5" DIA (Viking) with patented high capacity multistage cartridge
- Modbus

OPTIONAL FEATURES

- Dosing pump with level switch
- Supply pumps and storage vessels
- GSM/GPRS/Modem
- CIP system



MODEL	APRO 150	APRO 250	APRO 300	APRO 500	APRO 750
Operational pressure, bar	7-10				
Permeate Flow, LPH	150	250	300	500	750
Membrane Quantity	1	1	2	2	3
Membrane Size, inch	4 × 21		4 × 40		
Max inlet TDS, ppm	2 000				
Reduction of salt content, %	up to 95				
System recovery, %	75 - 99				
Power supply	230V, 50 Hz				
Dimensions, mm	520 × 370 × 790	520 × 370 × 1 280	670 × 370 × 790	670 × 370 × 1 280	790 × 350 × 1 280
Net weight, kg	38	47	48	57	69
Size (inlet, outlet, concentrate)	¾"/½"/½" NPTF				

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.