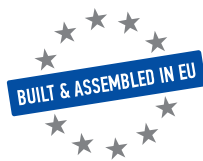


# APRO-80, APRO-120, APRO-120 NP; APRO-60 DP

PATENTED SPACE-SAVING APRO-80, APRO-120, NANO PURITY 120, AND DOUBLE PASS 60 SYSTEMS PRODUCE HIGH QUALITY WATER WITH LOW ENERGY AND WATER CONSUMPTION



*reverse osmosis system APRO-120 and APRO-80*

## BENEFITS

- Two heavy duty miniaturized pumps provide fast recirculating flow with up to 50% energy savings compared to the standard single pump system
- Patented high-frequency, water saving drainage system
- Fully automatic
- Extended membrane life due to membrane anti clogging system
- Low cost operation
- Easy maintenance
- Plug & Play
- High capacity patented pre-filtration

## SYSTEM EQUIPMENT

- Fully equipped electric board
- Stainless steel gauges
- Low Inlet Pressure Shutoff
- High Permeate Pressure Shutoff
- Double K2 pre-filters (APRO-80); Viking pre-filter (APRO-120)
- Built-in 2 liter storage tank for permeate
- Concentrate flushing valve
- Permeate drainage valve
- Adjustable water mineralization (APRO-80, Nano Purity 120)

## OPTIONAL FEATURES

- 80 liters and larger permeate tank
- Crystal DiPro - demineralization set with TDS control (APRO-120, DP-60)



*Crystal DiPro*



## Standard features and Specifications of APRO-80, APRO-120, APRO-120 NP; APRO-60 DP

				
MODEL	APRO 80	APRO 120	NANO PURITY 120	DOUBLE PASS 60
Permeate Flow, LPH	80	120	120	60
Membrane Quantity	1	2	2	1+1
Membrane type	600GPM			
Prefiltration membrane	2 × K2	B520-H	B520	B520-H
Adjustable mineralization	+	-	+	-
Max inlet TDS, ppm	1500			
Reduction of salt content, %	Up to 95% (before remineralization)			Up to 99%
System recovery, %	50-90%			
Input pressure, bar	1-4			
Power supply	24VDC (AC/DC adapter is installed)			
Dimensions (LxWxH), mm	480 × 290 × 540	500 × 200 × 660		
Net weight, kg	26	27	28	32
Size (inlet, outlet, concentrate)	3/8"/1/4"/1/4" 3G			

# 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.