

# Portable all-in-all water purification station APRO 120 UN

A PORTABLE WATER PURIFICATION STATION PROVIDES PREMIUM QUALITY DRINKING WATER UNDER EXTREME CONDITIONS. SUITABLE FOR ANY WATER SOURCE\*.

## APPLICATION EXAMPLES

- Emergency situations with no access to pure water and limited access to electricity
- Floating facility (ship, boathouse, etc.)
- Summer cabins



APRO 120 UN



## BENEFITS

- Patented ultra-low energy consumption technology saves up to 50% of energy and allows any power source: a small solar panel, car battery (with an adapter), electrical network (DC)
- Mineralization module ensures healthy balance of minerals
- Plug & Play

## SYSTEM EQUIPMENT

- Self-priming feed pump with suction piping & washable feed strainer for open water sources
- Automatic disinfection system
- Patented prefiltration cartridge with antiscalant effect (Viking B520-PRO-H)
- Innovative dual-pump reverse osmosis (RO) system
- Permeate mineralization with microfiltration 0.1 micron (K7BM)
- Accumulation tank 80L

\* Except for seawater & water with high oil content



## Standard features of APRO 120 UN

MODEL	APRO 120 UN
Permeate flow, liters/hour	120
Membrane Quantity	2
Membrane type	3013-1000
Prefiltration cartridge	B520-H
Max inlet TDS, ppm	2000
Reduction of salt content, %	Up to 95
System recovery, %	50-75
Input pressure, bar	APRO 120 UN includes a self-priming feed pump & washable feed strainer for open water sources
Power Supply	24VDC (adapter 220/24)
Dimensions (LxWxH), mm	685 × 780 × 925
Net weight, kg	75

# 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.