

AQUAPHOR

PROFESSIONAL

Product line overview

2025



Why choose AQUAPHOR?

AQUAPHOR is the largest water treatment products manufacturer in the EU.

Aquaphor, in its own EU-based (Estonia) facility, develops and manufactures efficient water purification solutions for a variety of water sources and applications.

Benefits of Aquaphor being your technological partner

- The strongest R&D department in the water treatment industry
- Cutting-edge production
- Standardized products
- Cost-efficient operation and maintenance

55 000 m²
modern plants



Viking Series

The AQUAPHOR Viking is made either of stainless steel, withstanding temperatures of up to 90 °C, or entirely of special plastics. It is resistant to pressure surges, guarantees trouble-free operation and protects other filters downstream ensuring purified drinking water.



Whole-house
water treatment



HoReCa



Small medium
business

Advantages

AQUAPHOR Viking series is a versatile solution that can be used both as a pre-treatment for a professional RO or as a stand alone drinking water filter. Viking can be used with hot and cold water to remove suspended and dissolved compounds, heavy metals, chlorine and other contaminants.

Viking protects all downstream equipment, extends RO membrane lifespan, and lowers overall maintenance costs.

- **Space saving, elegant shape**

The housing fits into tight spaces and comes in three sizes, including Midi and Mini options.

- **Simple to install and use**

Designed for easier installation and maintenance with the quick-release fittings. Designed for easy installation and a tools-free cartridge replacement.

Viking PRO is a prefiltration housing made of high-strength glass fiber filled plastic to be used for cold water treatment. Ideal for HoReCa and office use.



**CARTRIDGE
B520 PRO / B515 PRO
for cold water**

Patented high-capacity
corrugated multilayer
filtration cartridge
Capacity — 150 000 L



	Viking PRO	Viking Midi	Viking Midi PRO
Dimensions, mm	225 x 606	180 x 425	225 x 440
Cartridges for cold water	B520 PRO	B515 PRO	B515 PRO
Recommended flow rate, L/min	25	15	
Filter cartridge capacity, L	150 000	90 000	
Cartridges for hot water		B515-14	
Recommended flow rate, L/min	—	15	—
Filter cartridge capacity, L/min		35 000	
Cartridges for drinking water	B150 Plus	B150 Midi	
Recommended flow rate, L/min	10	7	
Filter cartridge capacity, L	40 000	25 000	

Gross Series

The AQUAPHOR Gross series comes in high-strength glass fiber filled polymer housing. With a variety of filter cartridges, Gross ensures pre-filtration and protects the drinking water filters downstream.



Whole-house water treatment



HoReCa



Small medium business

Advantages

Gross housing is a durable and reliable solution that can be equipped with sediment filters to protect downstream equipment from solid particles. Carbon Block + AQUALEN™ filter cartridges for Gross series will reduce chlorine, heavy metals and other dissolved impurities.

- **Long-lasting housing**

The filter housing is made of high quality plastic and can withstand high pressures in high performance situations.

- **Wide range of filters cartridges**

- **BigBlue standard replacement filters 10" and 20"**



Specification and Performance

Model	Size	Nominal particle rating	DP and flow rate	Chlorine taste and odor reduction	Voc reduction	Lead reduction
B510-12	100 x 254 mm	5 microns	0,2 bar and 7,5 Lpm	24 000 L	NA	Na
B520-12	100 x 508 mm	5 microns	0,2 bar and 15 Lpm	48 000 L	NA	Na

Replacemet Filters



B510-12 Gross 10"

Gross 10 replacement filter for cold water purification for the entire home. Its unique structure and design allow the module to remove sediments, chlorine, heavy metals and other impurities from the water.



B520-12 Gross 20"

Gross 20 replacement filter for cold water purification for the entire home. Its unique structure and design allow the module to remove sediments, chlorine, heavy metals and other impurities from the water.

Softeners. S-series

AQUAPHOR softeners are an advanced alternative to the classic whole-home water softeners. AQUAPHOR softeners are exceptionally efficient, with low salt consumption and small amount of water needed for regeneration.



Whole-House
Water Supply



Laundry
& Cleaning

Advantages

Fully automatic, compact and silent softeners feature exceptionally low salt usage, highly effective iron removal (up to 14 mg/L), prefiltration down to 20 microns. AQUAPHOR softeners contain patented high-efficiency Dual Core Valves and other engineering solutions to ensure long-term trouble-free performance.

- **Salt savings up to 60%**

Thanks to the unique tank design and extra-fine ion-exchange resin, salt efficiency is maximized.

- **2-in-1: water softening & iron removal**

The patented system design provides larger contact surface, eliminates channeling, while small ion-exchange granules regenerate faster and more efficiently. As a result — removal of high concentration of Fe (up to 14 mg/L concentration in water) and hardness.

- **Exceptionally small water usage for regeneration**

The innovative, patented Dual Core Valves of the AQUAPHOR softener assure long-term trouble-free performance whilst wasting minimal amount of water.

- **10-year warranty for the main parts**

The high-strength thick wall made of homogeneous glass-filled composite will serve over 10 years, while classic columns typically serve less than 5 years.

- **Low maintenance**

In addition to low salt consumption of the system, ion-exchange resin lasts 10 times longer than in typical water softeners.

- **Operates efficiently even at very low tap pressure**

- **Fully recyclable body and tank**

- **NSF certified**



Specification	S550	S800	S1000
Maximum compensated hardness, mg/L	1 200	1 380	1 712
Maximum concentration of dissolved iron and manganese, mg/L	10	12	14
Nominal/maximum flow, L/min	23/25	25/38	28/42
Capacity in HE mode, kg of salt/gram of hardness	0.8/465	1.1/670	1.4/900
Dimensions (length x height x width), mm	322 x 554 x 430	404 x 706 x 485	404 x 795 x 485
Fine mesh resin, L	15	23	28

APRO-WH-500T

Whole-House



Whole-house
water treatment

AQUAPHOR's whole house water purifier is — a compact reverse osmosis solution for whole-house operated by smart APRO controller. The system provides adjustable mineralization ensuring stable taste & healthy drinking water.

Advantages

- **Extremely energy-saving**

Patented dual pump system, combining two highly efficient yet low-energy pumps, saves up to 50% of energy.

- **Adjustable and stable mineralization**

Patented Nano Purity technology allows to setup the desired level of minerals in water. Smart controller keeps this level stable, so the system always provides tasty and healthy drinking water.

- **Compact design**

AQUAPHOR's whole house water purifier is perfect for space-limited areas.



APRO-WH-500T

Low-energy consuming water purifier with an exceptionally high permeate recovery, and reduced wastewater drainage.



I 500

Compact, energy-saving, and highly efficient RO system for households, restaurants, hotels, and other small businesses



Water supply set

UV sterilizer supply pump and water tank



Viking PRO

Removes suspended and dissolved compounds, heavy metals, chlorine, rust and other dirt for the whole house.

Crystal Soft New

Direct flow filter with a bypass feature to reduce hardness salts, safeguarding hot beverage equipment while ensuring a well-balanced taste.



Professional
coffee brewing



Hospitality

Crystal Soft features saltless ion-exchange process that efficiently removes Ca and Mg carbonites. The filter prevents scale build-up on hot beverage equipment while allowing to maintain optimal balance of minerals for beverage taste via bypass.

Advantages

- Bypass mineralization for coffee taste enhancement
- Carbon post-treatment for both softened & bypass line
- Flowmeter with the screen showing remaining cartridge resource
- Low-cost maintenance – up to 2 times less than in analogues
- Easy, tool-free module replacement

Max. permeate flow, liters/hour	120
Bypass remineralization	+
Post-treatment cartridge	K2 (Carbon 5 µm)
Capacity, L	3000*
Flowmeter with display	+
Dimensions (LXWXH), mm	265 x 90 x 360

* Cartridge capacity is determined by bypass opening %, inlet water quality and inlet pressure.

APRO-100 Series

Compact RO for HoReCa



Professional coffee brewing



HoReCa



Small & Medium Business

The Ultra-Compact APRO-100 Series efficiently removes all harmful impurities from water, safeguarding expensive equipment and delivering pure, safe drinking water.

These affordable reverse osmosis systems incorporate all the advanced features of full-scale units, making it an exceptional choice for any HoReCa application with a limited footprint.

APRO-100-PRO version additionally allows users to control the desired mineral level through a bypass line. It allows to maintain the delicate balance, providing both exceptional water purity and keeping essential minerals.

Advantages:

- Instant water quality monitoring with built-in inline TDS meter
- Superior prefiltration with high-capacity AQUAPHOR cartridges
- Built-in prefilter cartridge resource control
- Low-cost operation: energy-efficient & enhanced durability of membrane
- Compact and portable design



Smart controller



	APRO-100	APRO-100-PRO
Permeate capacity, liters/hour		100
Membrane		ULP3213-1000 x 1
Bypass remineralization	-	✓
Max. TDS, ppm		1500
Permeate recovery, %	50	50-60
Power, kWh		0,12
Dimensions (LXWXH), mm		420x370x125

Both systems are available in (stainless steel) case.

APRO-120 Series



HoReCa

Small & Medium
BusinessProfessional
kitchens

APRO 120 is an innovative solution, specifically designed for the needs of any HoReCa and other small/medium businesses including: boutique hotels, restaurants, bars, beauty salons and more.

APRO 120 protects downstream equipment by avoiding scaling and rusting. Moreover, APRO 120 significantly reduces the usage of detergents and cleaning chemicals as well as time and efforts for cleaning and maintenance.

Advantages

The system is fully automatic and requires minimum maintenance, making it an easy-to-use.

- Annual appliances maintenance cost reduced by 30-40%
- Average lifespan of appliances increased by 50%
- Significantly reduces scaling, rusting and clogging of appliances
- Space-saving design
The system is suitable for a small technical room or a compact kitchen in a local bar, small restaurant, or boutique hotel.
- Filter capacity is 5x time higher than alternatives
- Low filter replacement rate
- Smart controller with bluetooth communication
- Built-in permeate accumulation tank 2 L

Permeate Flow, LPH	120	120 NP (Nano Purity)
Membrane	ULP3213-1000 x 1	ULP3213-1000 x 2
Prefiltration cartridge	B520-PRO-AS with antiscalant effect (CarbFiber 5 µm)	B520-PRO CarbFiber 5 µm
Max inlet TDS, ppm	1500 ppm	1500 ppm
System recovery, %	50	50
Power consumption, kWh	0,12	0,12
Built-in permeate accumulation tank	2L	2L
Dimensions (LxWxH), mm	485 × 215 × 662	485 × 215 × 662
Net weight, kg	27	27

APRO-I Series

Fully automatic reverse osmosis with compact design



HoReCa



Small & Medium
Business



Professional
kitchens

APRO-I reverse osmosis system is a smart solution for small and medium-sized businesses. These systems offer user-friendly, reliable operation, significantly lowering ongoing business costs by reducing water consumption and safeguarding equipment from damage.

Advantages

- **Fully automatic**
- **Plug&Play installation**
- **Water efficient – recovery up to 90%**
- **Reduced energy consumption (up to 40% less than in analogues)**
- **Compact, space-saving design:**
Featuring a compact, wall-mountable design, the system can be positioned on the floor or mounted above, making it ideal for extremely tight spaces.
- **Easy operation & low maintenance:**
User-friendly setup and maintenance reduce downtime, keeping your system running smoothly with minimal effort. APRO Monitor App allows to operate and monitor your system remotely.

	APRO-I-150	APRO-I-250	APRO-I-300	APRO-I-500
Permeate capacity, liters/hour	150	250	300	500
Max. TDS, ppm	2000			
Membranes	XLP11-4021 x 1	XLP11-4040 x 1	XLP11-4021 x 2	XLP11-4040 x 2
Power, kWh	0,5			

APRO-IM Series

All-in-one mobile water treatment station for applications that require temporary purified water supply



Professional window cleaning



Solar panel cleaning



Heating systems filling



Car washing

APRO-IM series include:

- Pre-filter equipped with B520-PRO-AS cartridge featuring antiscalant effect
- Fully automatic patented reverse osmosis system
- Accumulation tank
- Mixed bed post-treatment module (APRO-IM-500-PLUS only)

The entire system is mounted on a single frame that allows superior mobility and a plug&play installation

The system is an ultimate solution for:

- Stain-free windows and solar panels
- Scale-free heating systems
- Reduced detergent usage (up to 3x less for washing)

Advantages:

- Mobile
- Plug & Play setup
- Easy & low-cost maintenance
- Extra-low conductivity permeate with mixed bed polishing (APRO-IM-500-PLUS only)

	APRO-IM-120	APRO-IM-300	APRO-IM-500	APRO-IM-500-PLUS
Permeate capacity, liters/hour	150	250	50	500
Max. TDS, ppm	2000			
Membranes	XLP11-4021 x 1	XLP11-4040 x 1	XLP11-4021 x 2	XLP11-4040 x 2
Power, kWh	0,65			
Mixed bed post-treatment	-	-	-	+

APRO-150-750-SST series

Ultra low-energy systems suit small & medium businesses in the food industry, professional kitchens, service and public entities.



- Low energy consuming booster pump saves up to 50% electricity
- Permeate recovery up to 99%
- Extended membrane life
- Easy maintenance
- Space saving design
- Low cost operation



HoReCa



Small & Medium Business



Professional kitchens

The frame and housing of the SST series are made of high-grade stainless-steel material which is perfect for areas with high humidity and sites where there are stringent cleanliness and hygiene requirements.



MODEL	APRO-150-SST	APRO-300-SST	APRO-250-SST	APRO-500-SST	APRO-750-SST
Operational pressure, bar	7-10				
Permeate Flow, LPH	150	300	250	500	750
Membrane Quantity	1	2	1	2	3
Membrane Size, inch	4x21		4 x 40		
Max inlet TDS, ppm	2000				
Reduction of salt content, %	up to 95				
System recovery, %	75-99				
Power supply	single-phase 230V, 50Hz				
Dimensions, mm	510 x 390 x 725	595 x 390 x 845	555 x 390 x 1210	630 x 390 x 1270	765 x 390 x 1270
Net weight, kg	38,5	49,5	47,5	58,5	72
Size (inlet, outlet, concentrate)	¾" / ½" / ½" NPTF				

APRO 150-750 systems are also available in versions for High Pressure (HP) and High Salinity (HS) versions.

APRO-HP series Compact high-pressure RO units that feature supreme salt rejection.

MODEL	APRO 250 HP	APRO 500 HP	APRO 750 HP
Operational pressure, bar	12-16		
Membrane Quantity	1	2	3
Membrane Size, inch	4 x 40		
Max inlet TDS, ppm	4000		
Reduction of salt content, %	up to 98		
System recovery, %	75-95		
Power supply	three-phase 400V, 50Hz		

APRO-HS series RO units for sea water purification. Serves civil and business needs.

APRO-1000

Fully automatic & extra cost-efficient reverse osmosis system



Industrial applications



Small & Medium Business



Hospitality

Advantages

- Patented AQUAPHOR dual pump technology boosts efficiency & system's longevity**
 Dual pump technology minimizes energy usage, delivering cost-effective operation and sustainability.
- Extra-efficient - permeate recovery up to 95%**
 Achieves excellent water savings without additional membrane load, maximizing output with minimal waste.
- Compact, space-saving design**
 Built to fit small spaces, making it ideal for commercial or industrial environments where space is limited.
- Easy operation & low maintenance**
 User-friendly setup and maintenance reduce downtime, keeping your system running smoothly with minimal effort.



	Standard series	HP series
Nominal permeate flow, liters/hour		1000
Membranes=	XLP11-4040 x 4	LP21-4040 x 4
Prefilter cartridges	PP5, PP20	PP5, Carbon 20
Max. TDS	2000	4000
System recovery	60-90%	75-95%
Power consumption, kWh	0,7	3,2
Dimensions (LXWXH), mm	820 x 500 x 1280	1150 x 750 x 1390

SST (stainless steel) version is available

APRO-1500 / 2000

Fully automatic & extra cost-efficient reverse osmosis system



Agriculture and Farms



Industrial applications



Small & Medium Business



Hospitality

Advantages

- **Patented AQUAPHOR dual pump technology boosts efficiency & system's longevity**

Dual pump technology minimizes energy usage, delivering cost-effective operation and sustainability. At the same time, high linear speed prevents fouling, prolonging membrane lifespan and lowering maintenance costs.

- **Extra-efficient - permeate recovery up to 95%**

Achieves excellent water savings without additional membrane load, maximizing output with minimal waste.

- **Compact, space-saving design**

Built to fit small spaces, making it ideal for commercial or industrial environments where space is limited.

- **Easy operation & low maintenance**

User-friendly setup and maintenance reduce downtime, keeping your system running smoothly with minimal effort. APRO Monitor App allows to operate and monitor your system remotely.



	APRO 1500		APRO 2000	
	Standard series	HP series	Standard series	HP series
Nominal permeate flow, liters/hour	1500		2000	
Membranes=	XLP11-4040 x 6	LP21-4040 x 6	XLP11-4040 x 8	LP21-4040 x 8
Pre-filter cartridges	PP5, PP20	PP5, Carbon 20	PP5, PP20	PP5, Carbon 20
Max. TDS	2000	4000	2000	4000
System recovery	60-90%	75-95%	60-90%	75-95%
Power consumption, kWh	1,58	3,2	1,58	5,5
Dimensions (LXWXH), mm	2170 x 800 x 1790	2170 x 800 x 1790	2170 x 800 x 1790	2170 x 800 x 1790

SST (stainless steel) version is available

AP-UF-1000

Compact all-in-one ultrafiltration station



Whole-House
Water Supply



Small & Medium
Business

Automatic modular ultrafiltration station

The AP-UF-1000 ultrafiltration system delivers **sterile, high-quality water** by removing particles as small as **0.01 micron, eliminating bacteria, viruses and suspended solids**. Designed for stable and reliable filtration, it ensures purified water even under fluctuating water quality conditions.

Equipped with advanced hollow fiber ultrafiltration membranes, the **AP-UF-1000** acts as an ultimate barrier against microbiological contaminants while maintaining stable flow rates and low energy consumption. Its compact, fully automatic design makes it a perfect choice for various applications, including pretreatment for RO, whole-house filtration, laboratories, and food and beverage production.

Each of AQUAPHOR's ultrafiltration systems seamlessly integrates with standard AQUAPHOR PROFESSIONAL equipment.

Key advantages:

- Constant high-quality water
- Space saving design
- Fully automatic
- Low operation cost

Main features:

- Effective barrier for the suspended particles, monovalent and divalent ions, bacteria and viruses
- Plug&Play solution for rapid installation and start-up
- Automatic backwash and CEB (Chemicals Enhanced Backwash) provides extra-long lifespan of membranes & system equipment
- Smart Controller for user-friendly operation

Permeate capacity, liters/hour	1000
Filtration grade (micron)	<0.01
Power, kWh	0.017
Dimensions (LXWXH), mm	800 x 500 x 1600

AP-UF Series

Full-scale all-in-one ultra-filtration station



Agriculture and Farms



Industrial applications



Hospitality

The **AP-UF Series** are advanced, fully-automated ultrafiltration systems designed for small to large-scale water treatment needs. The systems grants the customer with high performance and optimal water quality by removing effectively mechanical particulates, bacteria, and viruses. It features user-friendly controlling and automatic backwash capabilities. The **AP-UF Series** minimizes downtime and maintenance efforts.

Advantages

- Plug & Play**
 Ready for immediate setup, simplifying installation and startup processes.
- Low Energy Consumption**
 Engineered for efficiency, the AP-UF systems operate with minimal power requirements, reducing operational costs.
- Modular Design**
 Easily scalable to meet specific capacity requirements, ensuring flexibility for various applications.
- Extended membrane lifespan**
 Enhances membrane lifespan by automatically flushing the system when necessary. Automatic Backwash is included in system's configuration.

	AP-UF-5000	AP-UF-10000	AP-UF-15000	AP-UF-20000
Max. permeate flow, liters/hour	5000	10000	15000	20000
Power consumption, kWh			4	

APRO-3000/4000/6000 Monoblock Series

The game-changing stackable RO water purification solution for businesses. The Monoblock™ allows to vary water output capacity and flex the system, making it adjustable to the constantly changing operational conditions.



Municipal



Industrial applications



Agriculture and Farms



Hospitality

Innovative modular RO units with varying production rates can be easily rearranged or reinforced with other units to meet the changing requests of capacity and space. Remote control allows managing the system from any place. Booster pump and recirculation pumps save up to 50% electricity.

Advantages

- Permeate recovery up to 95%
- Extended membrane life
- Patented high frequency discharge
- Ultra low energy consumption (saves approx. 40–50% as compared to the competitors)
- System operates in fully automatic mode with remote control
- Robust construction and easy maintenance
- Quiet operation
- Space saving design
- Mass produced

MODEL	APRO-3000	APRO-4000	APRO-6000	APRO-HP-3000	APRO-HP-4000	APRO-HP-6000
Capacity, LPH	3000	4000	6000	3000	4000	6000
Max. Inlet TDS, ppm	2000 ppm			4000 ppm		
Reduction of salt content, %	Up to 95			Up to 98		
System recovery, %	Up to 95					
Power consumption, kW	2,7	3,7		3,8	6,1	
Operational pressure, bar	7-10			10-16		
Dimensions	3700x840x1160	2700x840x1160	3700x840x1160	2700x840x1160		

HP = high pressure

Multiarray of Monoblocks

Innovative RO monoblocks of 6000 LPH allow the user to set inexpensive, multipurpose water purification units into a high-capacity multiarray with up to 8 monoblocks combined under one master control board.



Municipal



Industrial applications



Agriculture and Farms



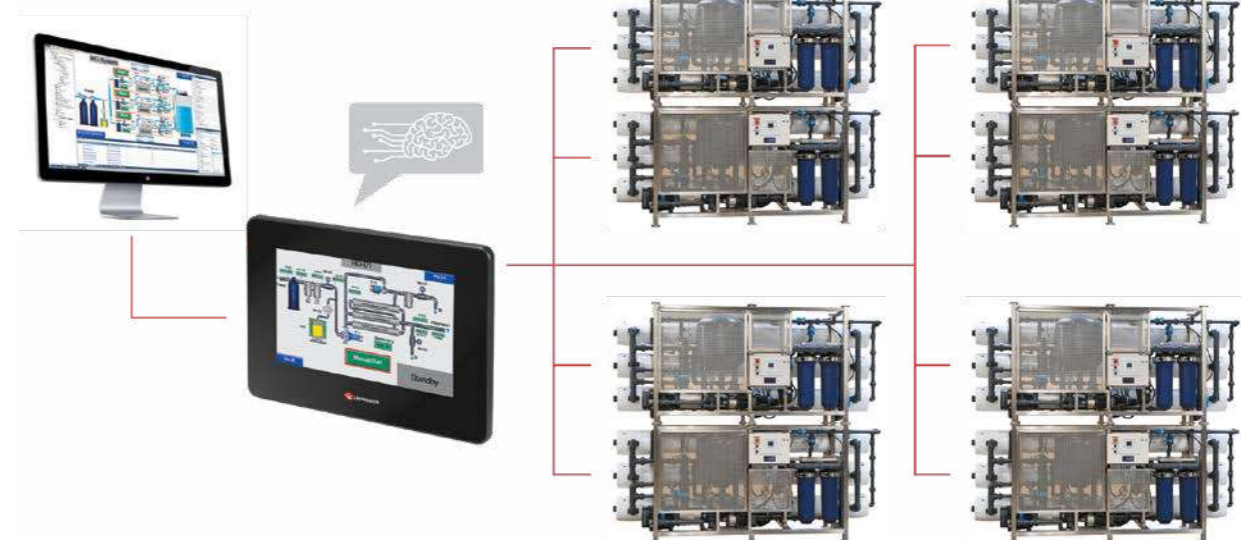
Hospitality

By managing the number of monoblocks in a multiarray, a business stays lean in resources and keeps a minimal needed number of monoblocks working at any given time. More RO units of monoblocks can be added or detached as soon as it is required.

Advantages

- System recovery, % up to 95
- Patented high frequency membrane cleaning concentrate discharge
- Low energy consuming Grundfos booster pumps and high flow, low energy recirculation pumps (save up to 50% of electricity)
- Self-sufficient monoblocks with slave controllers and smart master controller (cloud optimization)
- Optional built-in UF pre-filtration
- Extended membrane life
- Space saving design
- Low-cost operation
- Easy maintenance

Master Control Board



Master control board with touch screen color monitor supports management of up to 8 monoblocks and all kinds of the prefiltration and supply systems.

Monoblocks consist of standart APRO 6000 units



Desalination products Series

Low-cost fresh potable water.
Where & when you need it.

AQUAPHOR's desalination systems provide fully automatic process with high energy efficiency and environmental sustainability, ensuring non-stop freshwater supply.

Pacific, Atlantic, Arctic and Indian oceans, Mediterranean Sea, Red Sea, Persian Gulf

The compact, modular, mobile, rapidly deployable system for efficient on-site seawater desalination with UF pre-treatment. Perfect for off-grid locations, resorts, and islands and as a backup source of potable water.



Liters/hour	250	500	1000	2000	6000	10000
GPM	1.1	2.2	4.4	8.8	26.4	44
Max inlet TDS, ppm	40 000	40 000	40 000	40 000	40 000	40 000
Operational pressure, bar	up to 80	up to 80	up to 80	up to 80	up to 80	up to 80

Black Sea, Caspian Sea

Skid-mounted, automated system for a broad range of capacities. The ultimately efficient desalination solution for a variety of municipal and industrial applications.

Liters/hour	1000	4000	6000	12000	20000	50000
GPM	1.4	17.6	26.4	52.8	88	220
Max inlet TDS, ppm	20 000	20 000	20 000	20 000	20 000	20 000
Operational pressure, bar	up to 50	up to 50	up to 50	up to 50	up to 50	up to 50



Baltic Sea, groundwater with high mineral content

The compact Plug&Play system with all components is installed on a single frame to minimize the footprint and ease of maintenance. Perfect for small communities, resorts, off-grid households, and light commercial use.

Liters/hour	250	500	1000	2000
GPM	1.1	2.2	4.4	8.8
Max inlet TDS, ppm	10 000	10 000	10 000	10 000
Operational pressure, bar	up to 30	up to 30	up to 30	up to 30



Laboratory Water Treatment

AQUAPHOR solutions provide high purity water to fit most laboratory needs, from cleaning the instruments to preparing the basis for cell cultures, buffers and reagents.



Medical & Pharmaceutical



Laboratories

APRO-DP-60

APRO-DP-60 – fully automatic double pass RO equipped with user-friendly controller. The system ensures consistent water quality and low conductivity protecting laboratory equipment.

LWM (Laboratory Water Machine)-205:

- Patented Double pass RO
- Large capacity patented filter cartridges for any type of tap water
- 0.1 micron microfiltration hollow fiber membrane
- Internal 5 L storage tank
- Highly efficient recirculation pump
- Fully automatic TDS measurements and control
- High permeate water recovery & high capacity patented pre-filtration
- LCD control panel

Crystal DI PRO (Demineralization):

Designed to deionize water up to 18 MΩ, this system features a high-capacity mixed bed demineralization cartridge, and a 0.1-micron microfiltration hollow fiber membrane post-filter for superior purity. The system includes online TDS control

PWD (Pure Water Dispenser)-05:

- User-friendly dispenser with the advanced water quality control features



MODEL	APRO-DP-60	CRYSTAL DI PRO	LWM-205
Process	Double pass RO	Mixed beds	Double pass RO system + mixed beds
Output of pure water	60 l/h	120l/h	50 l/h
Conductivity at 25°C	0.1 - 1% from initial electroconductivity	0.1-18 MΩ	≤18 MΩ
Minimal Inlet Pressure, bar	2.5	0.1	1
Permeate recovery, %	Up to 50%	100	up to 80
Reactive Silica (SiO2)	N/A	<0.01ppm	<0.01ppm
Heavy metals	N/A	<0.01ppm	<0.01ppm

*Filtrate performance depends on the feed water quality

APRO DI Series

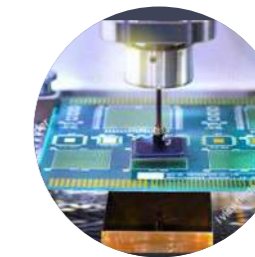
The APRO water deionization systems are housed in high quality steel cabinets, providing complete solutions for delivering ultrapure water whenever required. Deionized water helps maintain product safety and integrity.



Medical and Pharmaceutical



Laboratories



Electronics Production

Advantages

- Fully automated AQUAPHOR APRO-100-DI and APRO-500-DI RO systems with advanced drainage system provide a steady ultrapure water supply
- A conductivity measuring unit ensures that only high-quality water passes to the storage tank
- A two-step prefiltration system for mechanical impurities removal
- Equipped with sophisticated differential pressure indicator
- Water supply monitoring sensors
- Fully equipped electric board
- Exceptionally low energy consumption (classical RO needs twice more energy)



MODEL	APRO-100-DI	APRO-500-DI
Permeate capacity, LPH	100	500
Permeate accumulation tank volume, liters	200	560
Supply pump flow	max 3 000 LPH	max 3 000 LPH
Supply pressure	max 4 bars	max 4 bars
Mixed bed ion-exchange resin volume, liters	18	50
Cabinet dimensions, mm	600 × 800 × 1600	600 × 800 × 1600
Accumulation tank, mm	build in (100l)	1000 × 750 × 1500 (450l)
Power supply	230 V, 50 hz	230 V, 50 hz
Connection Sizing (inlet, outlet, drainage)	1" / ½" / ½" NPTF	1" / ½" / ½" NPTF

Containerized Water Purification Plant

AQUAPHOR containerized mobile solution delivers clean drinking water that meets the WHO Guidelines.



Drinking water



Microgrid water source

Advantages

- **Capable of treating any source of water**
Fast production of clean drinking water from wells, open sources like lakes, rivers, ponds, and brackish water.
- **Instant deployment**
13 stages of water treatment technologies are packed in the size of a standard 20 ft container that can be mounted as far as 20 meters high, 100 meters away from any available water source, and launched immediately.
- **Over 10 years of operation**
Robust and tamper-proof self-sufficient construction of the container protects the high-end equipment against the weather and other threats.
- **Requires minimal maintenance**
- **User-friendly plug-and-play installation**
- **Remote control through encrypted internet traffic**



PRO-Shop series

Spare Parts & Supplementary Accessories — Your One-Stop Shop

AQUAPHOR Professional provides our partners with a comprehensive selection of accessories and spare parts, ensuring seamless operation and extended lifespan for their equipment. As an official partner of some of the world's leading equipment manufacturers, we guarantee the availability of high-quality, original components that meet industry standards.

As a one-stop shop for complete water treatment solutions, we go beyond just supplying spare parts—we offer a full ecosystem of products designed to support businesses in maintaining efficient and high-performing water systems. From FRP tanks, different reagents and UV lamps, our commitment to reliability and efficiency helps minimize downtime, optimize performance, and provide long-term value across various applications and industries.

- FRP tanks
- Accessories for FRP tanks
- Filtration and Softening Valves
- Salt brine tanks
- Resins
- Carbon
- Polyphosphate
- Filter media
- Membranes
- Pressure vessels for RO membranes
- Prefilters and cartridges
- 10" Filter Cartridges
- 10x2.5" Filter Cartridges
- Bag Filters
- Multi Cartridge Filters
- Strainer Filters
- Reverse Osmosis supply sets for clean water
- Reagent Dosing Pumps Grundfos
- Reagents
- Pressure Tanks
- Water Delivery Sets
- Salt
- UV Lamps



AQUAPHOR[®]
water filters

GRUNDFOS

PEDROLLO[®]
the spring of life

Nitto
HYDRANAUTICS
Nitto Group Company

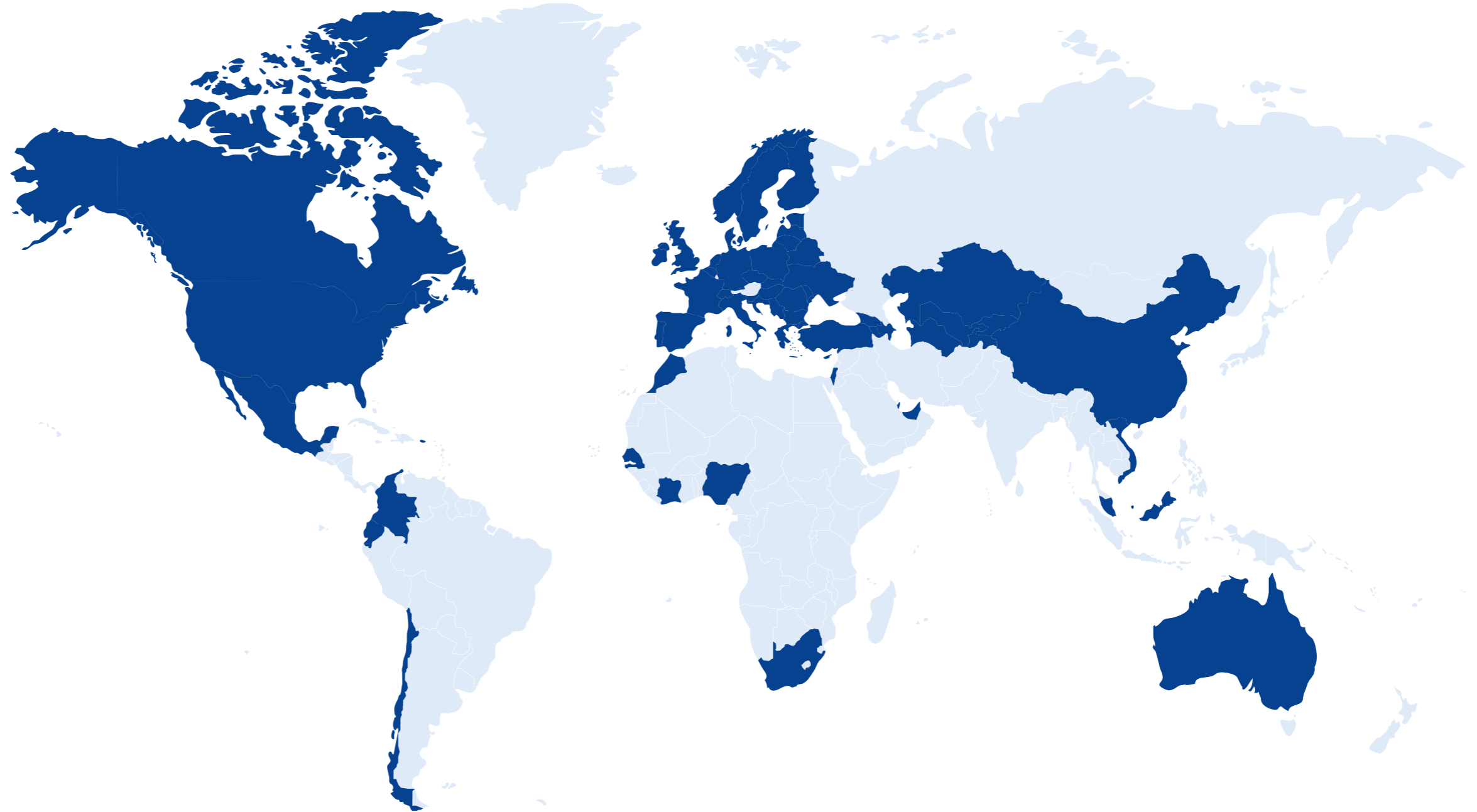
evoqua

xylem

HANKSCRAFT RUNKIN

Global presence

-  Estonia
-  United Kingdom
-  France
-  Germany
-  Israel
-  Poland
-  Romania
-  Lithuania
-  Latvia
-  USA
-  Serbia
-  Ukraine
-  Kazakhstan
-  China



**Pure water, exactly where and when
it matters most to you**

65 +
Countries

100+
Patents Globally

55 000 m²
of High-Quality
Production Space

European. Affordable. Excellence

AQUAPHOR
PROFESSIONAL

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