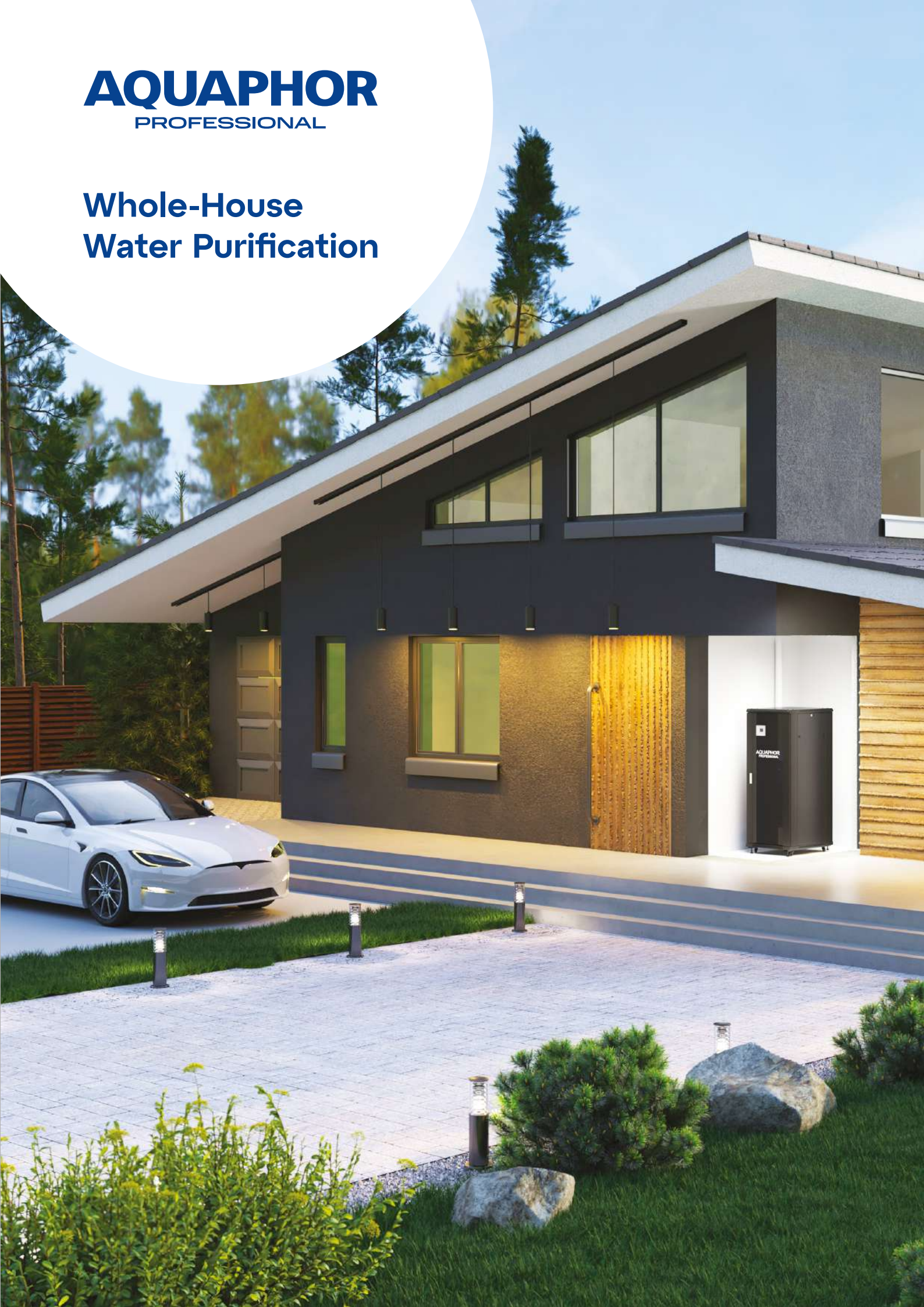


**AQUAPHOR**  
PROFESSIONAL

**Whole-House  
Water Purification**





## AQUAPHOR Professional For Private Residences

AQUAPHOR is an R&D leader in decentralized water purification, innovations represent an integral part of every product.

The whole-house filtration line is created with all our water filtration expertise to be both sustainable and efficient. Nanofiltration (NF) systems are expected to replace whole-home water softeners within the next 10 years. These state-of-the-art solutions are available already today.

AQUAPHOR manufacturing, research and development facilities total 53 000 m<sup>2</sup>, including 51 000 m<sup>2</sup> of modern manufacturing in Estonia and 2 000 m<sup>2</sup> in Israel.





Whole-House

# Water Filtration & Purification

Viking PRO H purifies all incoming water from scale, rust and other dirt for the whole house.  
RO-101S makes exceptionally tasty pure drinking water, which is mineralized in the best way possible.

- **Contains scale blocker**  
Viking PRO H contains a food grade polyphosphate additive — a highly effective ingredientto prevent limescale deposits.
- **Hardness and corrosion protection**  
Boilers and other water heating equipment stay immune to the excess of hardness salts which do not precipitate as scale while heating water.
- **Removes impurities**  
Viking PRO H contains a highly effective CarFiber Block which removes sediment, rust chlorine and other impurities to provide filtered water for all residential needs like bathing and cleaning.
- **Brings down housekeeping costs**  
Viking PRO H lowers overall maintenance expenses and allows to use less detergents and keep the result for longer.



**RO-101S**

Innovative Reverse osmosis system for exceptional water safety and the improved taste of drinks and food.



**B520 PRO for cold water**

Patented high-capacity corrugated multilayer filtration cartridge.

**B520 PRO H for cold water**

Multilayer filtration cartridge with an additive to prevent limescale deposits.



	Viking PRO	Viking Midi PRO	Gross 20"	Gross 10"
Dimensions, mm	225 x 606	225 x 440	260 x 605	260 x 355
Cartridges for cold water	B520 PRO	B525 PRO	B520-12	B510-12
Recommended flow rate, L/min	25	15	20	10
Filter cartridge capacity, L	150 000	90 000	60 000	30 000



Whole-House

Water Softener

AQUAPHOR softeners are compact, exceptionally efficient, with low salt consumption and small amount of water needed for regeneration. They filter groundwaters, well water and water in open reservoirs. Remove iron, manganese and soften water.

- **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**  
Removal of high concentration of Fe (up to 14 mg/L concentration in water) and hardness.
- **Exceptionally small water usage for regeneration**  
The patented Dual Core Valves assure trouble-free performance whilst wasting minimal amounts of water.



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



**RO-202S**  
Intellectual Reverse Osmosis system with built-in electric pressure pump and automatic light and sound indication for timely cartridge replacement.



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

\*As of this date, this product can be purchased in Belgium exclusively from Valeco.



Whole-House

# Nano Purity 120

The Nano Purity 120 — a compact reverse osmosis solution for whole-house operated by smart APRO controller. The system provides adjustable mineralization ensuring stable taste & healthy drinking water.

- **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**

The Nano Purity 120 is perfect for space-limited areas.

**Nano Purity 120**

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

**External tank**

Tank for purified water in one of three sizes (300 / 500 / 800 L)

**Viking PRO**

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



Whole-House

# APRO 500

APRO 500 is a compact and energy-saving water purification solution for the whole house. The system is fully automated and operated with APRO controller.

- **Eco-friendly: minimum waste and extremely energy-saving**  
Patented AI system controls high-frequency drainage providing exceptionally high permeate recovery (up to 95%) minimizing associated waste. At the same time, high-flow yet low-energy recirculation pump saves up to 50% of energy.
- **Compact design**  
Suitable for small houses with limited space.
- **Fully automated**
- **Low maintenance & low cost operation**
- **Smart mineralization system (optional)**



**APRO 500**  
Fully automatic, compact and energy-saving reverse osmosis system



**External tank**  
Tank for purified water in one of three sizes (300 / 500 / 800 L)



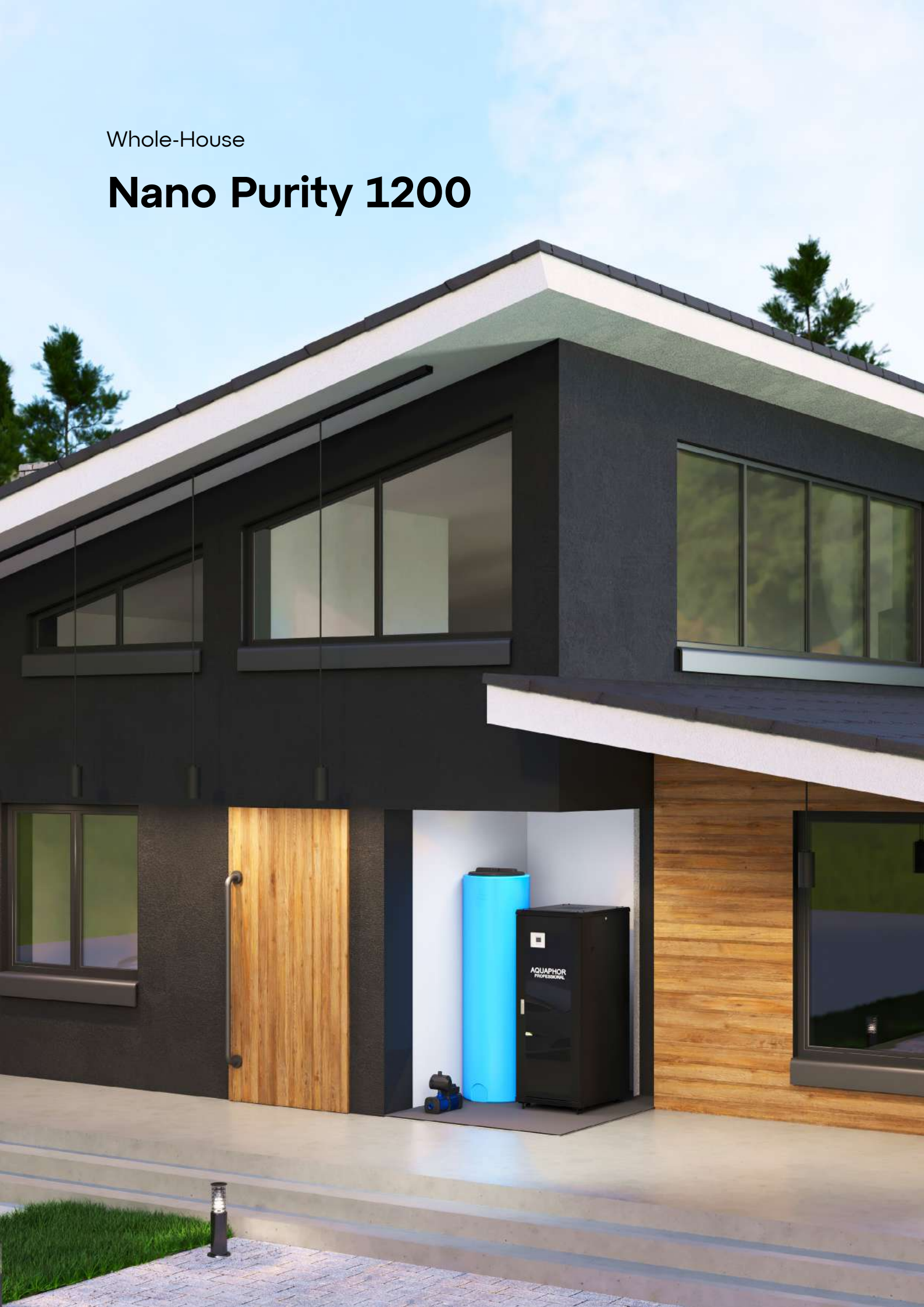
**Viking PRO**  
Removes suspended and dissolved compounds, heavy metals, chlorine, rust and other dirt for the whole house

Operational pressure, bar	1-4
Max inlet TDS, ppm	2 000 ppm
Reduction of salt content, %	up to 95
System recovery, %	up to 99



Whole-House

# Nano Purity 1200



Aquaphor International (AI) makes homes smart with AI (Artificial Intelligence). The Nano Purity 1200 is a unique water purification system designed to combine various technologies including reverse osmosis, nano filtration, precision dosed antiscalant, and ultra-violet sterilization. The system is fully automatic with the APRO intelligent controller and wi-fi enabled monitoring app.

- **Soft and safe water for the whole house**  
The Nano Purity 1200 system both softens water without sodium additives and efficiently removes harmful impurities: nitrates, nitrites, bacteria, viruses, hormones, residual pharmaceuticals, microplastics, heavy metals, chlorine, THM's and most other harmful contaminants found in municipal water.
- **Prevents corrosion**  
The Nano Purity 1200 prevents pipework corrosion by providing water at pH 7–8.
- **Works with any water source**  
The system purifies practically any tap or artesian well water with high levels of hardness and iron.
- **Smart permeate recovery up to 95%**  
The patented AI controlled high-frequency drainage system allows a high-speed recirculating water flow, keeping the membrane clean, providing exceptionally high permeate recovery up to 95%.
- **Artificial Intelligence (AI) saves up to 50% of energy**  
Patented AI effectively controls a high-efficiency booster pump and a high-flow yet low-energy recirculation pump, which saves up to 50% of energy consumption.
- **Fully automated and easily controlled**  
The Nano Purity 1200 is fully automated and can be easily remotely controlled with a monitoring app (Wi-Fi/GSM).
- **Great tasting, healthy drinking water!**  
The innovative Nano Purity 1200 mineralization unit delivers optimized, balanced drinking water with all the body's necessary minerals and nutrients.
- **Wi-Fi & GSM enbled**
- **Optional rainwater purification**
- **Low cost & low maintenance**
- **High-capacity pre-filtration cartridges**



Patented high performance pre-filtration cartridge



MODEL	Nano Purity 1200
Operational pressure, bar	7–10
Membrane quantity* size, inch	3 x 4040
Max inlet TDS, ppm	2 000
Reduction of salt content, %	up to 95
System recovery, %	up to 99
Accumulation tank	internal, 80 L

# **AQUAPHOR**

**PROFESSIONAL**

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