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Discover the world of crystal clean, healthy water  
with SUPREME-ROX PREMIUM systems



best water solutions   
**supreme**  
By Aqua Filter  
Technologies

**AQUA** | **FILTER**  
WAREHOUSE



If you view this presentation, it means that you are looking for a Reversed Osmosis system for you and your family. You are in the right place. **Reverse Osmosis systems of SUPREME-ROX PREMIUM series are THE BEST SYSTEMS AVAILABLE ON THE MARKET!**

## *Reasons why you should choose SUPREME-ROX PREMIUM systems!*

- SUPREME-ROX PREMIUM systems are safe for you and your family (also for small children and pregnant women).
- They have current PZH certification, which approves a product for contact with drinking water.
- They are manufactured in Europe with the use of the highest quality materials, and they contain components certified by NSF\*.
- They are equipped with linear cartridges with built-in quick-release coupling, which ensures fast and safe replacement of cartridges and failure-free operation.
- Installed by Ireland's only Supreme Filters certified domestic engineers and sole brand license holders - Aqua Filter Technologies Ltd.
- SUPREME-RO7 PREMIUM system contains S-L-FIR bioceramic cartridge, which is currently the best on the market.
- Perfect performance. All systems are equipped with original **PENTAIR™/USA** membrane (the leader in osmotic membranes production from the United States) of up to 100 GPD capacity (current market standard are systems with 75 GPD membranes).
- Each system includes an elegant, modern tap with a rotary spout (360)



\* NSF International – independent health and safety protection organisation from the United States.





Ireland's No.1 Water Filter Systems By **AQUA FILTER** WAREHOUSE



Remove of mechanical impurities (sand, mud, suspensions)



Protection against bacteria and viruses



Water mineralisation\*



Perfect taste of drinks and foods



Remove chlorine, organic compounds, heavy metals, pesticides, water hardness



They included bacteriostatic, mechanical cartridges



Safe for small children, infants and pregnant women



Manufactured in Europe



High quality



They included cartridges of QC type (quick-release coupling)

\* SUPREME-RO6 PREMIUM and SUPREME-RO7 PREMIUM.



# Market Leaders in The Irish Market **AQUA FILTER WAREHOUSE**



Easy installation



They are equipped with modern and stylish sprouts



They may be connected to three-way faucets of SUPREME brand\*



They contain the market leading original PENTAIR/USA membrane – 75 GPD



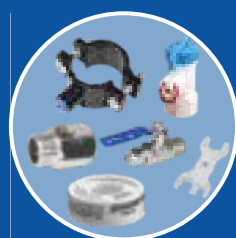
They include a detailed manual



They have current PZH certification



They are made of components certified by American NSF



They include accessories necessary for correct installation



\* SUPREME faucets are available in two versions: FX03-C chromed and FX03-M ma .





SUPREME-RO5 PREMIUM is currently the best 5-stage Reverse Osmosis system available on the Irish market. It is sold with original PENTAIR/USA membrane of 75 GPD (300 l/24h) efficiency and high quality S-L-CARB-QC linear carbon cartridge. By standard, all osmotic filters included in our offer are equipped with: cartridges, membrane, tank, tap, as well as all accessories necessary for the correct installation by our expert technicians at Aqua Filter Technologies

## SUPREME-RO5 PREMIUM Filtration System



- The highest quality of workmanship.
- Manufactured in Europe (100%).
- 5-Stage filtration method.
- The highest quality original PENTAIR/USA membrane of 75 GPD (300l/24h) capacity. High quality linear cartridge with carbon made of coconut shells – quick-release coupling (fast and simple replacement without the use of specialised tools or sealants such as “Teflon tape”).
- Removes most bacteria and viruses, from water.
- It is sold with a modern, stylish, single-circuit spout.
- It may be installed in a mineralising cartridge and bioceramic cartridge system.



SUPREME-RO6 PREMIUM is currently the best 6-step Reverse Osmosis system available on the market. It is sold with original PENTAIR/USA membrane of 100 GPD (378 l/24h) efficiency, high quality S-L-CARB-QC linear carbon cartridge and S-L-MIN-QC mineralising cartridge. By standard, all osmotic filters included in our offer are equipped with: cartridges, membrane, tank, tap, as well as all accessories necessary for correct installation by the expert technicians of Aqua Filter Technologies

## *SUPREME-RO6 PREMIUM.*



- The highest quality of workmanship.
- Manufactured in Europe (100%).
- 6-step filtration stage finished with mineralisation of water.
- The highest quality original PENTAIR™/USA membrane of 100 GPD (378 l/24h) capacity.
- High quality linear cartridge with carbon made of coconut shells – quick-release coupling.
- High quality linear mineralising cartridge
- It enriches water with elements such as: calcium and magnesium – quick-release coupling.
- Removes most bacteria and viruses, from water.
- It is sold with a modern, stylish, dual-circuit spout.
- It may be installed in a bioceramic cartridge.





SUPREME-RO7 PREMIUM is currently the best 7-step Reverse Osmosis system available on the market. It is sold with original PENTAIR/USA membrane of 75 GPD (300 l/24h) efficiency, high quality S-L-CARB-QC linear carbon cartridge, S-L-MIN-QC mineralising cartridge and S-L-FIR bioceramic cartridge. By standard, all osmotic filters included in our offer are equipped with: cartridges, membrane, tank, tap, as well as all accessories necessary for correct installation.

## SUPREME-RO7 PREMIUM Installed By **AQUA FILTER WAREHOUSE**



- The highest quality of workmanship.
- Manufactured in Europe (100%).
- 7-stage filtration finished with mineralisation and ionisation of water.
- The highest quality original PENTAIR™ /USA membrane of 75GPD (300 l/24h) capacity.
- High quality linear cartridge with carbon made of coconut shells – quick-release coupling.
- High quality linear mineralising cartridge  
It enriches water with elements such as: calcium and magnesium – quick-release coupling.
- It includes a high quality bioceramic cartridge.
- Removes most bacteria and viruses, from water.
- It is sold with a modern, stylish, dual-circuit sprout.



## *Initial filtration cartridges – the best and most efficient.*



**S-PP20-BC** – Bacteriostatic, mechanical cartridge made of non-woven polypropylene fabric. It constitutes the first stage of filtration in SUPREME-RO5 PREMIUM, SUPREME-RO6 PREMIUM, SUPREME-RO7 PREMIUM systems. It removes mechanical contaminants not smaller than 20 microns from water.



**S-BL** is a perfect quality carbon block. It removes chlorine and organic substances from water, thus protecting the osmotic membrane against harmful effects of chlorine.



**S-PP5-BC** Bacteriostatic, mechanical cartridge made of non-woven polypropylene fabric, which constitutes the last stage of pre-filtration. It stops mechanical contaminants not smaller than 5 microns.





*It removes 96-98% of all contaminants from water, including bacteria and viruses.*

4

- It removes 96-98% of all contaminants from water, including bacteria and viruses.
- High performance 75 GPD (300 l/ 24h).
- Original product made by PENTAIR/USA.



The fourth stage of filtration is osmotic membrane, which is the main filtering component of every RO system. Reverse osmosis consists of separation of water particles from other compounds diluted in it using semi-permeable membrane – this is a process opposite to natural osmosis process taking place in living cells. The membrane stops 96-98% organic and non-organic contaminants diluted in water, bacteria and various viruses. The semi-permeable osmotic membrane is composed of multiple layers wound on a perforated mandrel located inside the membrane. Contaminated water is pushed to the membrane surface under pressure, where water particles permeate microscopic pores of the membrane. Contaminants are separated and discharged to a drain. It's worth noting, the system will discharge waste water to the drain at a rate of approximately 3 litres to create 1 litre of pure water



**S-L-CARB-QC** - Linear cartridge with activated carbon made of coconut shells – probably the best carbon cartridge available on the market.

5



➤ They contain high quality activated carbon produced from coconut shells.  
Improve taste and aroma of water

➤ Chlorine and organic compound removal.

➤ They reduce chlorine and organic substances, they remove chlorine derivative pesticides.

➤ They do not require use of sealants (Teflon tape).

➤ Compatible with the majority of RO systems available on the market.

Linear cartridges 2" filled with activated carbon produced from coconut shells. Used after the osmotic filtration process. They provide water with perfect taste and smell. They are intended for cold drinking water treatment. The cartridges are equipped with an end filter that prevents the escape of deposit particles outside the cartridge. They have a built-in quick-release coupling that makes assembly simple and quick. Moreover, they do not require use of additional sealants, such as "Teflon tape".





## **S-L-MIN-QC** - Linear mineralising cartridge – probably the most efficient mineralising cartridge available on the market

6



They contain high quality mineralising deposit, which enriches water with elements such as: calcium and magnesium.

Perfect water mineralisation.

QC 1/4" connection (quick-release coupling), direct connection with a tube.

They do not require use of sealants (Teflon tape).

Compatible with the majority of RO systems available on the market.

Currently, 2" S-L-MIN-QC linear cartridge is the best mineralising cartridge available on the market. It efficiently enriches water with elements necessary for the human body, such as: calcium and magnesium.

S-L-MIN-QC have built-in quick-release coupling, which makes assembly of the cartridge fast and easy.

*By standard, S-L-MIN-QC cartridge is installed in SUPREME-RO6 PREMIUM and SUPREME-RO7 PREMIUM systems. The cartridge is compatible with the majority of RO systems available on the market.*



**S-L-FIR** - Linear bioceramic cartridge. Healthy and ionised water in your house. S-L-FIR is probably the best ionising cartridge available on the market.

7



Emission up to 2000 ni/cm<sup>3</sup>.

Faster removal of toxins from the body.

Compatible with the majority of RO systems available on the market.

2" linear energising cartridges filled with bioceramic balls. Used after the osmotic filtration process. The cartridges emit radiation of 2,000 ni/cm<sup>3</sup>. FIR infrared radiation leads to breakdown of large water clusters into smaller ones, and, therefore, to faster and more efficient hydration, as well as quicker removal of toxins from the body.

Drinking water subjected to FIR energising process contributes to the improvement of the general body condition, resistance to infections, and metabolism.

*By standard, S-L-FIR cartridge is installed in SUPREME-RO7 PREMIUM system. The cartridge is compatible with the majority of RO systems available on the market.*





*Modern, stylish, three-way kitchen faucets.*

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Three-way kitchen faucets for cold, hot, and filtered mains water. Modern and stylish, made of the highest quality materials. The faucets are equipped with two aerators: one for the district water outlet (hot and cold water) and one for filtered water. The faucets are equipped with rotary 360 spout.

They match all under-counter and Reverse Osmosis systems available on the market. They are sold with all accessories and 3/8" hoses necessary for correct installation.

FX03-c and FX03-M, are not included in the SUPREME-ROX PREMIUM system sets.



## *Drinking water problems in Ireland & UK*



### ***Sediments.***

They contribute to disorders of gastrointestinal functions.



### ***Chlorine.***

It contributes to reduction of the content of unsaturated fatty acids in the human body, and is responsible for malignant cancers of the urinary bladder and rectum (straight intestine). It may cause cirrhosis, thyroid tumours. Chlorine is also responsible for reduction of skin resistance (cracks, dryness), mucous membrane irritation, chest discomfort responsible for asthma.



### ***Hardness.***

It causes excessive drying of skin. Consuming water of high content of calcium and magnesium ions may cause kidney stones or gallbladder stones.





## *Drinking water problems in Ireland & UK*

### ***Iron.***

High content of iron in water may negatively impact health. A toxic dose for an adult is 15 g of iron sulphate /II/, and 6-10 g in case of children.

### ***Heavy metals.***

**Arsenic (As):** abdominal pains, vomiting and diarrhoea associated with bladder cancer, respiratory system damage, inflammation of mucous membranes of eyes, nose, throat, skin, kidneys, liver and prostate, damage to the central nervous system.

**Cadmium (Cd):** nausea, vomiting, diarrhoea, muscular contractions, damage to the liver, kidneys, bones, heart muscle, hypertension, deformation of bones and skeleton.

**Chromium (Cr):** skin irritation, ulceration, damage to the liver, kidneys, nervous issues.

**Copper (Cu):** physical and mental development disorders, damage to the liver and kidneys, damage to the heart muscle.

**Lead (Pb):** physical and mental development disorders, damage to the heart muscle, anemia, negative impact on the nervous system.

**Mercury (Hg):** damage to the kidneys, damage to the brain tissue, damage to the heart muscle, miscarriages, toxic impact on fetus diagnosed after birth: hearing and eyesight disorders, learning difficulties.

### ***Bacteria and viruses.***

They are responsible for digestive tract diseases, nausea, vomiting, diarrhoea.





## *Technical information.*

Type	SUPREME-RO5 PREMIUM	SUPREME- RO6 PREMIUM	SUPREME- RO7 PREMIUM
System dimensions: height x depth x width (mm)	350 x 150 x 450	400 x 150 x 450	450 x 150 x 450
Tank dimensions: height. x diameter (mm)	345 x 235	345 x 235	345 x 235
Water connection (inch)	3/8	3/8	3/8
Working pressure (bar)	3 - 6	3 - 6	3 - 6
Working temperature (OC)	4 - 30	4 - 30	4 - 30
Max. capacity (GPD - l/24h)	75/ 300	75/ 300	75/ 300





## Questions and answers.

**Can you drink osmotic water without prior boiling?**

*Yes! You can drink water subjected to osmotic filtration without prior boiling.*

**Can Reverse Osmosis systems be harmful to health?**

*No! All the systems of the SUPREME brand have a valid attestation of the Polish National Institute of Hygiene*

**Can RO systems remove minerals from the water?**

*Yes! Apart from contaminants, the RO system also removes mineral salts from the water. The SUPREME-RO6 PREMIUM, and SUPREME-RO7 PREMIUM systems are equipped with a mineralising cartridge which secondarily enriches water with minerals essential for the human body.*

**Can I use the RO system for aquariums?**

*Yes! Osmosis water is a great base from which to obtain excellent water used in the aquarium.*

**What is the service life of individual cartridges and the osmotic membrane?**

*Service life of pre-filtration cartridges: 3-6 months\**

*Life of line cartridges: 6-12 months\**

*RO membrane service life: up to 60 months\**

*\* the service life of the cartridges and the membrane depends on the quality of raw water.*



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best water solutions   
**supreme**  
simply better