

DRINKING WATER FILTRATION AND TREATMENT SYSTEMS



October 2019 Issue

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DO YOU KNOW WHICH GLASS CONTAINS **CONTAMINATED WATER?**

CANNOT tell the difference?

This happens because **the harmful compounds** from the water **are invisible**, so you do not know they are present in your water!



DRINKING TAP WATER!

Why filtered water?

Although the water in the public supply system is drinkable at the point of entry, in most cases it reaches the point of use, our homes, with strong chlorine taste and odour and often with sand, rust and other sediments.

The poor condition of the old pipeline system and the substances used for disinfecting the water in the public supply systems create discomfort and suspicion when we drink it.

Even more so, when using water extracted from the well, our health is endangered. This water is unmonitored and untreated in terms of content and usually exhibits inadequate amounts of constituents, some of which are toxic for our system.

To eliminate these potential dangers, most of us have chosen to use bottled water with all its shortcomings:

- **Pollution.** Every year, a family of four consuming bottled water on a regular basis disposes of at least 1000 plastic containers, most of which end up at landfill sites or directly in nature. Only a small proportion is recycled and transformed into other products. PET is a highly durable material in nature; it takes about 700-800 years until it starts decomposing, and it is completely disintegrated after around 1000 years.
- **Hazardous to health.** How bottled water is transported and stored can adversely affect water quality. Water bottled in PETs, unprotected from direct sunlight or held near a heat source, can become hazardous to health, as the plastic may release a series of toxic compounds into the water.
- **High costs.** Bottled water is the most expensive product we buy, being almost 1000 times more expensive than tap water.
- **Effort.** You carry almost 2 tons of water from the store to your house in a year.



What is filtered water?

We now have the option to have, with no effort, safe water running at the tap in our home. Depending on the problems we are dealing with, we can choose between simple variants of filtration and treatment systems, retaining suspended solids or residue materials, such as rust and sand, from the drinking water, and complex systems eliminating or neutralizing viruses and bacteria and other compounds hazardous to health.

Another category is the anti-limescale systems that provide protection against limescale deposits. Electrical household appliances using water will have longer lifespan and optimum energy consumption. Sanitary items will preserve their shine and nice look. After washing, the skin and hair will be soft, without feeling rough and dry.

By choosing filtered water instead of bottled water, you will enjoy:

- **Safe quality drinking water**
AquaPur systems and filters, chosen according to the problems reported in the water analysis reports, restore water's native characteristics. The systems are easy to install and maintain. From now on, it is in your power to drink healthy water by changing the filtering cartridges on time.
- **Savings**
The costs of filtered water are significantly lower than bottled water, the investment being amortized in a short time.
A family of four drinking 2 litres of bottled water/day/person spends, in five years, approximately 3.800 EURO.
The cost of a PUR 3UF system + consumables + water from the public supply network for a period of 5 years = 480 EURO.
3.400 EURO saved in 5 years.
- **Health and Ecology**
A cleaner environment, free from plastic bottles (7.300 less PETs).
- **Convenience**
The effort of maintaining/changing the cartridges of a filtration system is much smaller than the daily effort of carrying the bottled water required for consumption (about 14 tons).



IN 5 YEARS YOU SAVE
3.400 EURO*



YOU SAVE THE
PLANET FROM BEING
POLLUTED WITH
7.300 PETs*



YOU AVOID CARRYING
14 tons of water*

* the calculations were made considering the average consumption of bottled water, as compared to filtered water, of a family of four using a PUR 3 UF system, over a period of 5 years.

Services provided by Valrom

- Physicochemical analyses of water in the Valrom laboratory.
- Interpretation of analyses.
- Assistance in choosing the filtration/treatment system needed.
- Assistance in the installation and operation of the filtration/treatment systems.





How to choose the best solution?

The first step is to determine the problems you are dealing with. For this, the best solution is to conduct a physicochemical and biological analysis, where appropriate (e.g. well water). The next step is to have the analyses interpreted by a specialist and choose a treatment/filtration solution to bring the water within the quality limits required for drinkable water.



Key:

✓ filters

○ partially filters

	Me- chanical filtration and self cleaning filters	Acti- vated carbon car- tridges	PUR 2 system	PUR 3 system	PUR 3UF system	Reverse osmosis systems	Softening systems	Ecomix systems	Filtrisorb activated carbon systems	Centaur catalytic activated carbon systems	UV and chlori- nation systems
Sand/ sludge/rust	✓	○	✓	✓	✓	✓			○	○	
Taste/odour		✓	✓	✓	✓	✓			✓	✓	
Chlorine		✓	✓	✓	✓	✓			✓	✓	
Hardness (Ca and Mg)						✓	✓	✓			
Iron						✓		✓			
Manganese						✓		✓			
Organic matter		○	○	○	○	✓		✓	○	○	
Sulphates						✓					
Chlorides						✓					
Ammonium						○		✓			
Hydrogen sulphide		○	○	○	○	✓			○	✓	
Arsenic						✓					
Fluorides						✓					
Bacteria					✓	✓					✓
Viruses					○	✓					✓
Nitrite/ nitrate						✓					
Pesticides/ herbicides		○	○	○	○	✓			○	○	
Heavy metals		○	○	○	○	✓			○	○	

Filter housings and filters





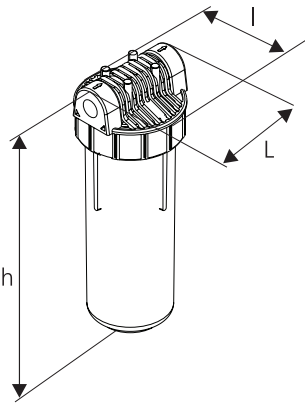
Filter housings

Transparent filter housing



Operating parameters:
Maximum pressure: 6 bar
Water temperature: 2 - 30° C

Characteristics:
Glass material: SAN, transparent
Cap material: Talc reinforced PP
Connection: CW 617N brass
Gasket: EPDM O-ring



Used in domestic/residential applications for filtering drinkable water.
It is installed at the points of use.

Size [inch]	Connection [inch]	L x l x h [mm]	Packaging [pcs./box]	Code
5"	1/2"	115 x 115 x 185	20	AQUA00110000520
	3/4"		20	AQUA00110000525
	1"		20	AQUA00110000532*
7"	1/2"	115 x 115 x 230	18	AQUA00110000720*
	3/4"		18	AQUA00110000725
	1"		18	AQUA00110000732
10"	1/2"	115 x 115 x 310	16	AQUA00110001020*
	3/4"		16	AQUA00110001025
	1"		16	AQUA00110001032

* - order-based products

Use:

- Needs to be equipped with cartridges, thus becoming useful in mechanical, chemical or biological filtration.
- Typically, the filter is mounted at the endpoint, before the water is used (e.g. – under the sink, before the kitchen tap, before appliances such as the washing machine, the dishwasher, before the water supply of technological equipment, etc.)
- It can be mounted serially, as a set of multiple filters.
- The characteristics of its construction materials make it suitable for residential, commercial, industrial use.

Warning!

- Recommended ONLY for cold water supply lines.
- Contains no cartridges. Choose the filtering cartridges based on the quality of the water to be filtered.
- Designed to be mounted in enclosures protected from frost, extreme temperatures or direct sunlight.

Accessories:



Wrench
code: QUA06000000001



Grip stand and screws
code: AQUA06020000003



Filter housings

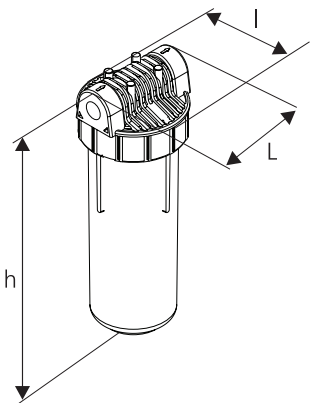


Blue opaque filter housing



Operating parameters:
Maximum pressure: 6 bar
Water temperature: 2 - 30° C

Characteristics:
Glass material: SAN, opaque blue
Cap material: Talc reinforced PP
Connection: CW 617N brass
Gasket: EPDM O-ring



Used in domestic/residential applications for filtering drinkable water and in agriculture for protecting drip irrigation systems. It is installed at the points of use.

Size [inch]	Connection [inch]	L x l x h [mm]	Packaging [pcs./box]	Code
5"	1/2"	115 x 115 x 185	20	AQUA00120000520*
	3/4"		20	AQUA00120000525*
	1"		20	AQUA00120000532*
7"	1/2"	115 x 115 x 230	18	AQUA00120000720*
	3/4"		18	AQUA00120000725*
	1"		18	AQUA00120000732*
10"	1/2"	115 x 115 x 310	16	AQUA00120001020*
	3/4"		16	AQUA00120001025
	1"		16	AQUA00120001032

* - order-based products

Use:

- Needs to be equipped with filtering cartridges, thus becoming useful in mechanical, chemical or biological filtration.
- Because it is opaque, it can also be used to protect the irrigation systems in agriculture, where it is important that the cartridge to be fitted on it is kept away from direct sunlight.
- Typically, the filter is mounted at the endpoint, before the water is used (e.g. – under the sink, before the kitchen tap, before appliances such as the washing machine, the dishwasher, before the water supply of technological equipment, before the water supply of drip irrigation systems, etc.)
- It can be mounted serially, as a set of multiple filters.
- The characteristics of its construction materials make it suitable for residential, commercial, industrial and agricultural use.

Warning!

- Recommended ONLY for cold water supply lines.
- Contains no filtering cartridges. Choose the filtering cartridges based on the quality of the water to be filtered.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.

Accessories:



Wrench
code: QUA06000000001



Grip stand and screws
code: AQUA06020000003



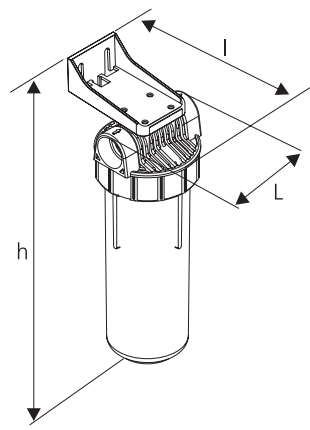
Filter housings

BigBlue (BB) filter housing



Operating parameters:
Maximum pressure: 6 bar
Water temperature: 2 - 30° C

Characteristics:
Glass material: SAN opaque blue
Cap material: Talc reinforced PP
Connection: CW 617N brass
Gasket: EPDM O-ring



Used in domestic/residential applications for filtering drinkable water and in agriculture for protecting drip irrigation systems. It is installed at the source connection point.

Size [inch]	Connection [inch]	L x l x h [mm]	Packaging [pcs./box]	Code
20" x 4,5"	1"	185 x 185 x 600	6	87240050032

Use:

- It can be equipped with different cartridges. Because it is opaque, it can also be used in areas such as irrigation, agriculture, where it is important that the cartridge to be fitted on it is kept away from direct sunlight.
- Because of its large size, it can be mounted right after the supply sources, at the points of entry, and can provide water filtration for the entire household.

Warning!

- Recommended ONLY for cold water supply lines.
- Contains no cartridges. Choose the filtering cartridges based on the quality of the water to be filtered.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.

Accessories:



Wrench
code: 87144010101



Grip stand
cod: 87144010102



Screw
code: 87144010103



Self cleaning filters

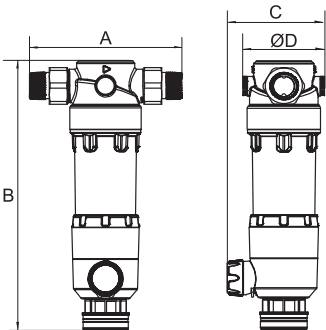


Self cleaning filters



Operating parameters:
Maximum pressure: 10 bar
Water temperature: 5 - 40° C

Characteristics:
Glass material:plastic
Cap material: brass
Brass connection: CW 617N
Gasket: EPDM O-ring
Filter cartridge: stainless steel



They are used in domestic/residential applications for filtering drinkable water. They are installed at the point of water entry into the location. The specific feature of these filters is that they allow particles to be removed while purging and, at the same time, the cartridge and the casing can be cleaned on the inside, without the need to shut down the water and disassemble the filter. Part of the casing is mobile and drives the cleaning piece, which, by turning right and left, cleans the cartridge and the casing on the inside.

Flow [m³/h]	Filtration degree [µm]	Connection [inch]	Cădere presiune [bar]	A [mm]	B [mm]	C [mm]	ØD [mm]	Code
3	90	3/4"	0,2	151	243	83	66	87210003025
4				151	267	94	71	87210004032
8				177	349	101	91	87210008040#

- the 8m³/h ELECTRONIC ON-OFF ACTUATION
MODULE FOR FILTER PURGING can be attached,
for automatic purge scheduling (code: 87258000040)

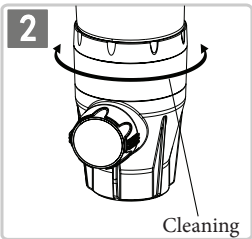
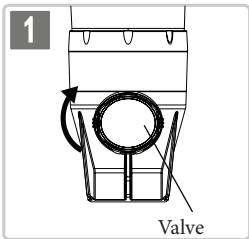


Use:

- It is used for the mechanical filtration of water, with a filtration degree of 90 microns, and is recommended for the water in municipal supply networks.
- The filter is installed at the point of water entry into the location.
- It is necessary to carry out a purge after installation by actuating the purge valve (see fig.1).
- During the purge, rotate clockwise, for 3-4 times of 360° each, the piece at the base of the filter (see fig. 2) to remove large particles, then rotate counterclockwise for 3-4 times of 360° each to clean the surface of both the cartridge and the filter casing.

Warning!

- Recommended ONLY for cold water supply lines.
- Designed to be mounted in enclosures protected from frost, high temperatures.



The filter comes equipped with:



Accessory bag



Joints and fittings for connexion



Mounting bracket



Anti-limescale polyphoshate filter

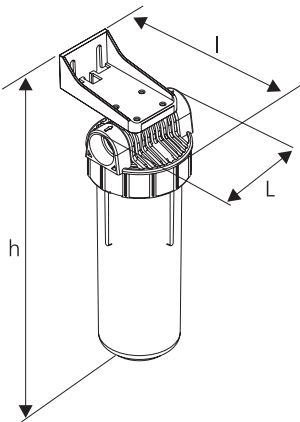


Anti-limescale polyphosphate filter kit



Operating parameters:
Pressure: 2 - 6 bar
Water temperature: 2 - 30° C

Characteristics:
Glass material: SAN, transparent
Cap material: Talc reinforced PP
Connection: CW 617N brass
Gasket: EPDM O-ring
Filter medium: polyphosphate crystals



Protects against limescale.

Size [inch]	Connection [inch]	Polyphosphate quantity [kg]	L x l x h [mm]	Packaging [pcs./box]	Code
5"	1/2"	0,5	115 x 145 x 232	20	AQUA00110060520*
	3/4"			20	AQUA00110060525
	1"			20	AQUA00110060532*
7"	1/2"	0,8	115 x 145 x 280	18	AQUA00110060720*
	3/4"			18	AQUA00110060725
	1"			18	AQUA00110060732*
10"	1/2"	1,2	115 x 145 x 354	16	AQUA00110061020*
	3/4"			16	AQUA00110061025*
	1"			16	AQUA00110061032

* - order-based products

Use:

- The anti-limescale polyphosphate filter protects the installations and equipment against limescale. The washing machine, the boiler and the heating system will have optimal energy consumption, extended lifespan, while the sanitary items will preserve their shine.
- The filter is mounted on the water supply of the equipment.

Warning!

- ONLY recommended for cold water supply lines.
- Not recommended for drinking water.
- Designed to be mounted in enclosures protected from frost, extreme temperatures or direct sunlight.
- For increased efficiency, reload the filter when the polyphosphate level has fallen by half.

Consumables:

	Code
Polyphosphate crystals, 1 kg	AQUA07000900001

Product compliant with SR EN 1208:2005
Appearance: colourless, odourless crystals.



Density: approx. 1.6 g/cm3
PH: 10-12 (1% solution at 25°C)
Chemical composition: Na2O - 28,0 %
CaO - 9,2%
P2O5 - 68,0%

Storage conditions: in the original packaging, away from sunlight, moisture, excessive heat or contact with the flame.

The filter comes equipped with:



Wrench



Grip stand and screws



Polyphosphate crystals



Slotted Tube



Centering piece

Multistage filters





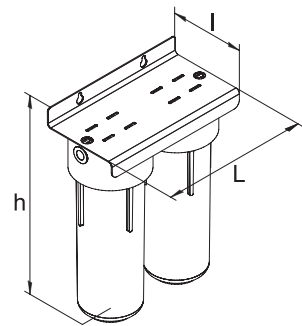
Multistage filters

PUR 2 filtration system



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2° - 30°C

Characteristics:
Glass material: SAN opaque blue
Cap material: Talc reinforced PP
Gasket: EPDM O-ring
Fittings: POM



Used to improve the quality and safety of drinking water in terms of organoleptic properties and impurities.

Size [inch]	L x l x h [mm]	Packaging [pcs./pallet]	Code
10"	270 x 120 x 325	57	AQUA03220211020

Use:
Pur 2 system filter impurities such as sludge, sand, rust and reduce the chlorine taste and odour of the water in the public supply networks.

- the first mechanical filtering stage retains particles of over 1 µm;
- the second activated carbon block treatment stage improves water taste and odour.

Designed to be mounted at the point of use, under the sink.

Warning!

- Recommended **ONLY** for cold water supply lines.
- Designed to be mounted in enclosures protected from frost and extreme temperatures.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.
- For installation, read the installation instructions.

Consumables:

	Code
Set of 2 10" PUR2 cartridges	AQUA07000810002



2 Activated carbon block cartridge

Disposable cartridge.
Period of use:
3-6 months
depending on water quality.

1 Melt blown PP cartridge

Disposable cartridge.
Period of use:
1-3 months
depending on water quality.



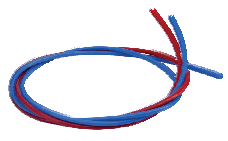
The system comes with:



Wrench



Three way connecting piece with shut-off valve;



Set of tubes



Drinking water faucet



Set of cartridges



Multistage filters

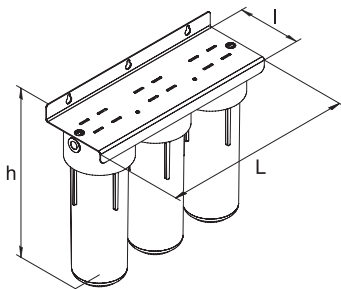


PUR 3 filtration system



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2° - 30 °C

Characteristics:
Glass material: SAN, opaque blue
Cap material: Talc reinforced PP
Gasket: EPDM O-ring
Fittings: POM.



Used to improve the quality and safety of drinking water in terms of organoleptic properties and impurities.

Size [inch]	L x l x h [mm]	Packaging [pcs./pallet]	Code
10"	390 x 122 x 325	36	AQUA03320311020

Use:
PUR 3 system improve the quality of water from public networks.

- the first stage of activated carbon block treatment has a double role: to reduce chlorine taste and odour and to mechanically filter particles larger than 10 µm;
- the second stage of granular activated carbon treatment is the final stage for improving taste and odour;
- the third stage retains particles larger than 1 µm.

Designed to be mounted at the point of use, under the sink.

Warning!

- Recommended ONLY for cold water supply lines.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.
- For installation, read the installation instructions.

Consumables:

	Code
Set of 3 10" PUR 3 cartridges/Reverse osmosis	AQUA07000810003







3 1-µm melt blown PP cartridge

Disposable cartridge.
Period of use: 1-3 months depending on water quality.

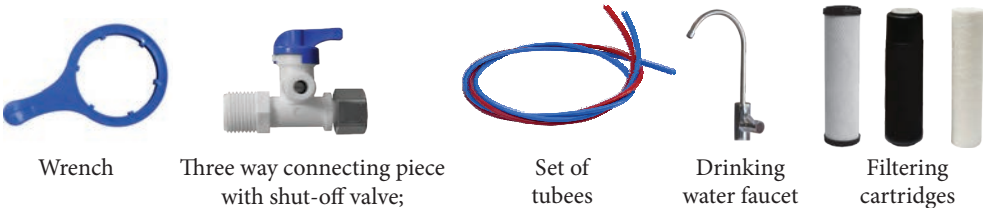
2 Granular activated carbon cartridge

Disposable cartridge.
Period of use: 3-6 months depending on water quality.

1 10-µm activated carbon block cartridge

Disposable cartridge.
Period of use: 3-6 months depending on water quality.

The system comes with:





Multistage filters

PUR 3 UF filtration system



Operating parameters:

Pressure: 2-4 bar

Water temperature: 2° - 30 °C

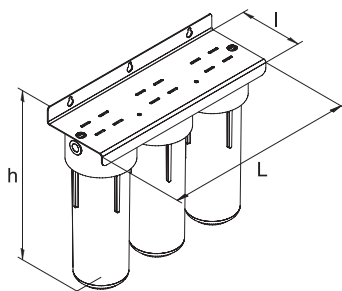
Characteristics:

Glass material: SAN opaque blue

Cap material: Talc reinforced PP

Gasket: EPDM O-ring

Fittings: POM



Provides microbiological safety and protection.

Can retain bacteria such as E.coli, Sallmonela, Pseudomonas aeruginosa.

Size [inch]	L x l x h [mm]	Packaging [pcs./pallet]	Code
10"	390 x 122 x 325	36	AQUA04320411020

Use:

PUR 3 UF system treat well water and water from public supply networks.

- the first stage retains particles larger than 1 µm such as rust, sand, sludge and other sediments that are found in water;
- the second stage of activated carbon block treatment is designed to reduce chlorine taste and odour;
- the third stage with Ultrafiltration membrane removes bacteria such as E.coli, Salmonella, Pseudomonas aeruginosa and the finest particles of rust, sand, sludge, etc. It Retains particles larger than 0.1 µm.

Warning!

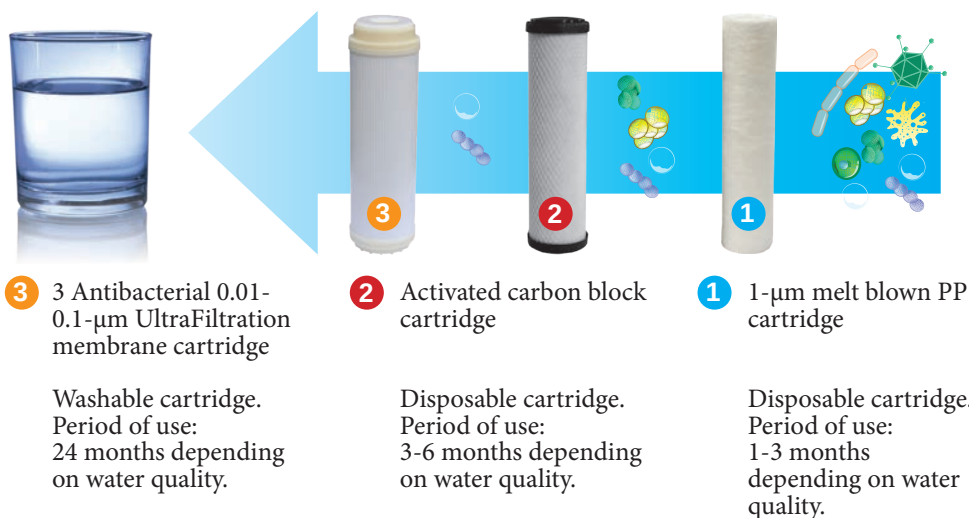
- Recommended ONLY for cold water supply lines.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- Where the water source is microbiologically unsafe, regular disinfection of the source, the installation and the PUR 3 UF system is recommended. In this situation, it is advisable to contact a specialist.
- For installation, read the installation instructions.

Not influence the content of salts and minerals in the water.

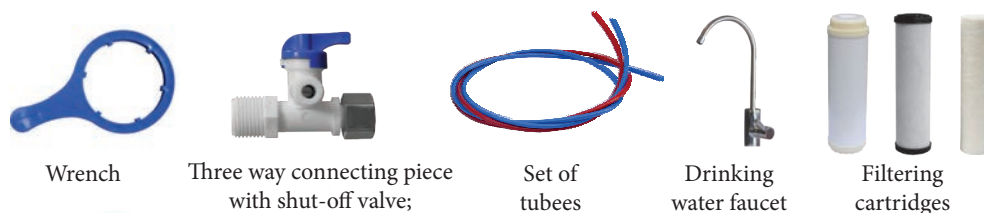
Designed to be mounted at the point of use, under the sink.

Consumables:

	Code
Antibacterial UltraFiltration membrane cartridge	AQUA08000010001
Activated carbon block cartridge	AQUA07010410000
1-µm meltblown PP cartridge	AQUA07000110001



The system comes with:



Wrench

Three way connecting piece with shut-off valve;

Set of tubees

Drinking water faucet

Filtering cartridges



Multistage filters

Reverse osmosis system with mineral filter



Operating parameters:

Pressure: 3-6 bar
Water temperature: 4-30°C
Ambient temperature: 4-40°C

Water supply parameters:

For the proper functioning of the station, the inlet water quality must be checked in terms of content of:

PH: 6,5-8,5
TDS: <1500 ppm
Hardness: 28°dH
Free chlorine: <0,5 ppm
Iron: <0,3 pm
Manganese: <0,1 ppm
CCO: <0,5 ppm O₂
Total bacteria colonies: <50 CFU/mL

If the water supply does not meet these requirements, the lifespan of the membrane and the pre-filtering cartridges can be shortened.

If the supply is done with well water, conduct a water analysis before installing a reverse osmosis filtration system.

In this situation, it is advisable to contact a specialist.

Based on the separation principle of reverse osmosis, it can generate drinking water of the highest quality.

Type	L x l x h [mm]	φ tank [mm]	Packaging [pcs./pallet]	Code
WITHOUT PUMP	400 x 125 x 410	220	8	AQUA05322311020

Use:

Recommended for filtering water from the public supply system and well water. It is mounted at the point of use (POU e.g.: under the sink) and can generate up to 190 litres of pure water for drinking and cooking in 24 hours.

Operation:

6 no-pump treatment stages:

- Stage 1 – activated carbon block cartridge;
- Stage 2 – granular activated carbon;
- Stage 3 – 1-µm sediment filter;
- Stage 4 – reverse osmosis membrane;
- Stage 5 – coconut carbon filter;
- Stage 6 – mineral cartridge.

Warning!

- Where the water source is microbiologically unsafe, regular disinfection of the water source, the installation and the entire reverse osmosis system is recommended.
- The station needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- Recommended ONLY for cold water supply lines.

Consumables:

	Code
Set of 3 cartridges for reverse osmosis system	AQUA07000810003
Reverse osmosis membrane	AQUA07002000050
Coconut shell activated carbon cartridge	AQUA07003010000
Remineralisation cartridge for reverse osmosis station	AQUA07004010000



The set contains:
1 – activated carbon block cartridge
2 – granular activated carbon cartridge
3 – 1-µm melt blown PP cartridge



Reverse osmosis membrane



Coconut shell activated carbon cartridge



Remineralisation cartridge

The system comes with:



Wrench



Connection piece to the sewer



Three way connecting piece with shut-off valve;



Set of tubees



Drinking water faucet



Pressure tank



Tank valve



Multistage filters

Reverse Osmosis system with mineral filter and pump



Operating parameters:
Pressure: 2-4.5 bar
Water temperature: 4-30°C
Ambient temperature: 4-40°C

Water supply parameters:
For the proper functioning of the station, the inlet water quality must be checked in terms of content of:

PH: 6,5-8,5
TDS: <1500 ppm
Hardness: 28°dH
Free chlorine: <0,5 ppm
Iron: <0,3 pm
Manganese: <0,1 ppm
CCO: <0,5 ppm O₂
Total bacteria colonies: <50 CFU/mL

If the water supply does not meet these requirements, the lifespan of the membrane and the pre-filtering cartridges can be shortened.

If the supply is done with well water, conduct a water analysis before installing a reverse osmosis filtration system.
In this situation, it is advisable to contact a specialist.

Based on the separation principle of reverse osmosis, it can generate drinking water of the highest quality.

Type	L x l x h [mm]	φ tank [mm]	Packaging [pcs./pallet]	Code
WITH PUMP	430 x 160 x 455	220	8	AQUA05323311020

Use:
Recommended for filtering water from the public supply system and well water. It is mounted at the point of use (POU e.g.: under the sink) and can generate up to 190 litres of pure water for drinking and cooking in 24 hours.

Operation:
6 treatment stages by pump (P):
• Stage 1 – activated carbon block cartridge;
• Stage 2 – granular activated carbon;
• Stage 3 – 1-µm sediment filter;
• Stage 4 – reverse osmosis membrane;
• Stage 5 – coconut carbon filter;
• Stage 6 – mineral cartridge.

Warning!

- Where the water source is microbiologically unsafe, regular disinfection of the water source, the installation and the entire reverse osmosis system is recommended.
- The station needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- Recommended ONLY for cold water supply lines.

Consumables:

	Code
Set of 3 cartridges for reverse osmosis system	AQUA07000810003
Reverse osmosis membrane	AQUA07002000050
Coconut shell activated carbon cartridge	AQUA07003010000
Remineralisation cartridge for reverse osmosis station	AQUA07004010000



The set contains:
1 – activated carbon block cartridge
2 – granular activated carbon cartridge
3 – 1-µm melt blown PP cartridge



Reverse osmosis membrane

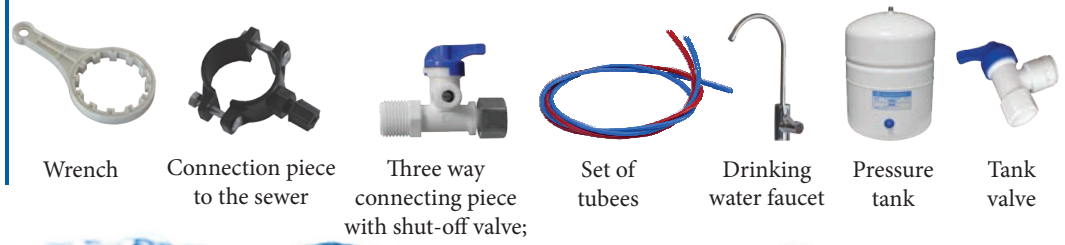


Coconut shell activated carbon cartridge



Remineralisation cartridge

The system comes with:



Wrench

Connection piece to the sewer

Three way connecting piece with shut-off valve;

Set of tubees

Drinking water faucet

Pressure tank

Tank valve



Multistage filters



ESPRESSO 600GPD reverse osmosis system



Operating parameters:
Pressure: 1 - 4 bari
Water temperature: 5 - 38° C
Ambient temperature: ≤90%

Water supply parameters:
For the proper functioning of the station, the inlet water quality must be checked in terms of content of:

PH:	6,5-8,5
TDS:	<1500 ppm
Turbidity:	<1 NTU
Free chlorine:	<0,1 mg/l
Iron:	<0,3 mg/l
Manganese:	<0,1 mg/l
Hydrogen sulphide:	0 ppm
Hydrocarbons:	0 ppm

If the water supply does not meet these requirements, the lifespan of the membrane and the pre-filtering cartridges can be shortened.

If the supply is done with well water, conduct a water analysis before installing a reverse osmosis filtration system.
In this situation, it is advisable to contact a specialist.

Based on the separation principle of reverse osmosis, it can generate drinking water of the highest quality. It has the capacity to generate a purified water flow that can be used without a storage recipient. Can reduce the concentrations of substances dissolved in water by up to 96%. Especially useful with coffee machines.



High flow rate



Alarm in case of leaks



Quick cartridge replacement

Type	Water flow [l/min]	L x l x h [mm]	Packaging [pcs./pallet]	Code
ESPRESSO 600GPD	1,58	231×324×431	16	87220360813

Characteristics:

- Compact system without tank, with water production at the time of consumption, with a high water flow rate (1.58 L/min), quick installation and connection.
- Transparent cover that allows you to view the operating mode.
- Designed with disposable cartridges and simple replacement instructions.
- In addition, it has a visual system that provides information on the duration of use of filters.
- Complex connections integrated into a collector reduce the risk of water losses.
- Efficient water saving technology, allows cutting down costs on water supply.
- The system stops automatically in case of leaks; the smart display will continue to blink along with the alarm audio signal.

Use:

Recommended for filtering water from the public supply system and well water. It is mounted at the point of use (POU e.g.: under the sink)

Operation:

4 treatment stages:

- Stage 1 - 5-µm sediment filter;
- Stage 2 - Pre Carbon Block filter;
- Stage 3 - reverse osmosis membrane;
- Stage 4 - Post Carbon Block filter.

Warning!

- Where the water source is microbiologically unsafe, regular disinfection of the water source, the installation and the entire reverse osmosis system is recommended.
- The station needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- Recommended ONLY for cold water supply lines.

Consumables:

	Cod
RO-600 sediment filter	87220370601
RO-600 activated carbon block cartridge	87220370602
RO-600 reverse osmosis membrane	87220370603
RO-600 activated carbon block post cartridge	87220370604
RO-600 power supply	87220370606



RO-600
sediment filter



RO-600 activated
carbon block cartridge



RO-600 reverse
osmosis membrane



RO-600 activated
carbon block post
cartridge

Accessory:

Installation kit included.



Multistage filters

MO reverse osmosis system



Operating parameters:

Pressure: 2-4 bar

Water temperature: 10° - 25 °C

Characteristics:

Membrane

DOW FILMTECH XLE 4040

Grundfos high-pressure pump

Ecosoft control panel

Water supply parameters:

For the proper functioning of the station, the inlet water quality must be checked in terms of content of:

TDS: <1500 mg/L
Hardness: 8,5°dH
Free chlorine: <0,1 mg/L
Iron: <0,1 mg/L
Manganese: <0,05 mg/L
CCO: <4 mg/L O₂
Silicates: <20 mg/L
Total bacteria colonies: <50 CFU/mL

If the water supply does not meet these requirements, the lifespan of the membrane and the pre-filtering cartridges can be shortened.

If the supply is done with well water, conduct a water analysis before installing a reverse osmosis filtration system.

In this situation, it is advisable to contact a specialist.

Based on the separation principle of reverse osmosis, it can generate high quality water for consumption.

Type	Reverse osmosis membrane [buc.]	Permeate flow at 25 °C [m ³ /h]	L x l x h [m]	Code
MO 6000	1	0,28	0,4 x 0,55 x 1,45	87230025011*
MO 10000	2	0,53	0,4 x 0,55 x 1,45	87230045011*
MO 24000	4	1,00	0,6 x 0,70 x 1,45	87230240001*

Use:

- Used for water treatment in households, cafes, restaurants, schools, kindergartens, laboratories, steam generators.
- Recommended for filtering water from the public supply system and well water.
- It is mounted at the point of entry/supply (POE e.g: - the entry into the house) and can generate water for consumption for the entire household.

Warning!

- Where the water source is microbiologically unsafe, regular disinfection of the water source, the installation and the entire reverse osmosis system is recommended.
- The station needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.

Optional

Dispensing system for the membrane unsilting/cleaning solution

Permeate wash of the membrane

Raw water mixture

Consumables:

5-µm sediment cartridge 10" x 4.5"

DOW FILMTECH XLE 4040 membrane

Filtration pitcher





Filtration pitcher

Filtration pitcher



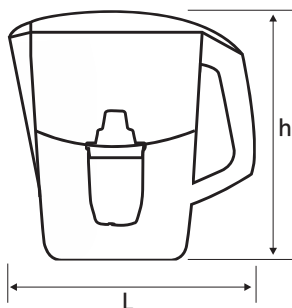
Operating parameters:

Water temperature: 4 - 30 °C

Characteristics:

Cap material: ABS.

Pitcher material: SAN, transparent.



Filtration pitcher provides an improved drinking water reserve in terms of hardness, taste and smell.

Cap colour	Filtered water volume [litres]	Filtration capacity [litres]	L x h [mm]	Packaging [pcs./box]	Packaging [pcs./pallet]	Code
blue	3,5	270	270 x 285	6	120	87200000035
green			270 x 285	6	120	87200000135
red			270 x 285	6	120	87200000235

Use:

- Recommended for water from the public supply network.
- Reduces the chlorine taste and odour, the hardness and provides a filtered water reserve of up to 3.5 litres.
- Includes filtering cartridge.
- The pitcher does not require connection to the water supply network.

Warning!

- To be used ONLY for microbiologically safe cold water.
- Designed to be used in enclosures protected from frost, extreme temperatures.

Consumables:

	Code
Pitcher cartridge	87201050300



Disposable cartridge.
Period of use: 1 month depending on water quality.

The pitcher comes with:



Cartridge

Water dispensers





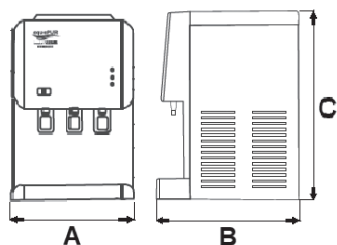
Water dispenser



Water dispenser



Operating parameters:
Water temperature: 4 - 30° C
Ambient temperature: 10-38° C
Power supply: 220V/50Hz



Dispensers can generate hot water, water at the temperature of the room/network water, and cold water.

Type	Location	Rated power [W]	Power consumed when heating [W]	Power consumed when cooling [W]	Power consumption [W]	Code
S3HNC	On the desk	612	500	120	1,5 kW/24 h	87903100000
H3HNC	On the floor					87903000000

Type	Water heating capacity ≥90° C	Water cooling capacity ≤10° C	Normal capacity	Cold/hot water tank volume	Weight [kg]	Packaging [pcs./pallet]
S3HNC	5 l/h	2 l/h	80 l/h	3 l / 1,1 l	11	18
H3HNC					12,5	27

Use:

- Recommended for water from the public supply network.
- Can be connected to water from well-bores if it meets the characteristics of drinking water.
- Recommended for use in office and residential buildings.

Warning!

- To be used ONLY for microbiologically safe cold water.
- Designed to be used in enclosures protected from frost, extreme temperatures.

Type	A [mm]	B [mm]	C [mm]
S3HNC	310	330	470
H3HNC	310	340	940

Filter cartridges





Mechanical filtration cartridges

PP melt blown cartridge



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 30° C

Dimensions:
Exterior diameter: 60 mm
Interior diameter: 28 mm

Use:
Period of use: 1-3 months depending on water quality.
Recommended for filtering drinking water.
Disposable cartridge.

Remove impurities in the water such as: sand, sludge, rust or suspended particles.

Size [inch]	Micron rating [µm]	H [mm]	Packaging [pcs./box]	Code
5"	1	128	100	AQUA07000105001
	5		100	AQUA07000105005
	10		100	AQUA07000105010
	20		100	AQUA07000105020
7"	1	176	50	AQUA07000107001
	5		50	AQUA07000107005
	10		50	AQUA07000107010
	20		50	AQUA07000107020
10"	1	253	50	AQUA07000110001
	5		50	AQUA07000110005
	10		50	AQUA07000110010
	20		50	AQUA07000110020

- Characteristics:
- Made of melt blown polypropylene.
 - Usually used for pre-filtration/protection.

- Warning!
- Used only for microbiologically safe cold water supply lines.
 - DOES NOT remove the chemicals in the water or disinfect the water.
 - Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

PP melt blown cartridge



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 30° C

Dimensions:
Exterior diameter: 114 mm
Interior diameter: 28 mm

Use:
Period of use: 1-3 months depending on water quality.
Recommended for filtering drinking water.
Disposable cartridge.

Remove impurities in the water such as: sand, sludge, rust or suspended particles.

Size [inch]	Micron rating [µm]	H [mm]	Packaging [pcs./box]	Packaging [pcs./pallet]	Code
20"	20	510	6	180	87242050020

- Characteristics:
- Made of melt blown polypropylene.
 - Usually used for pre-filtration/protection.

- Warning!
- Used only for microbiologically safe cold water supply lines.
 - DOES NOT remove the chemicals in the water or disinfect the water.
 - Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.



Filter cartridges

String wound PP



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 30° C

Dimensions:
Exterior diameter: 60 mm
Interior diameter: 28 mm

Use:
Period of use: 1-3 months depending on water quality.
Recommended for filtering drinking water.
Disposable cartridge.

Remove impurities in the water such as: sand, sludge, rust or suspended particles.

Size [inch]	Micron rating [µm]	H [mm]	Packaging [pcs./box]	Code
5"	1	128	100	AQUA07000205001
	5		100	AQUA07000205005
	10		100	AQUA07000205010
	20		100	AQUA07000205020
7"	1	177	50	AQUA07000207001
	5		50	AQUA07000207005
	10		50	AQUA07000207010
	20		50	AQUA07000207020
10"	1	251	50	AQUA07000210001
	5		50	AQUA07000210005
	10		50	AQUA07000210010
	20		50	AQUA07000210020

Characteristics:

- Made by winding the polypropylene wires on a polypropylene support
- Usually used for pre-filtration/protection

Warning!

- Used only for cold water supply lines. If used for drinking water, the water needs to be microbiologically safe.
- DOES NOT remove the chemicals in the water or disinfect the water.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

Washable cartridge with PP mesh



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 30° C

Dimensions:
Exterior diameter: 65 mm
Interior diameter: 28 mm

Use:
Period of use: up to 24 months depending on water quality
Recommended for coarse water filtration.
Washable cartridge.

Remove large impurities in the water such as: sand, sludge, rust or suspended particles.

Size [inch]	Micron rating [µm]	H [mm]	Packaging [pcs./box]	Code
5"	50	128	100	AQUA07000305050
7"	50	177	50	AQUA07000307050
10"	50	251	50	AQUA07000310050

Characteristics:

- It consists of a polypropylene body and a polypropylene/nylon mesh.
- The cartridge can be reused by regular washing under running cold water, depending on water quality.

Warning!

- Used only for cold water supply lines. If used for drinking water, the water needs to be microbiologically safe.
- DOES NOT remove the chemicals in the water or disinfect the water.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.



Filter cartridges

Activated carbon cartridges

Granular activated carbon cartridge



Operating parameters:

Pressure: 2-4 bar

Water temperature: 2 - 30° C

Use:

Period of use: 3-6 months depending on water quality. Recommended for filtering drinking water.

Disposable cartridge.

Retain organic substances dissolved in water, chlorine and chlorinated derivatives, pesticide residues, correct taste and odour.

Size [inch]	H [mm]	Packaging [pcs./box]	Code
5"	127	50	AQUA07000505000
7"	176	50	AQUA07000507000
10"	250	20	AQUA07000510000

Characteristics:

- The granular activated carbon cartridge is obtained from coconut shell.

Warning!

- Used only for microbiologically safe cold water supply lines.
- The granular activated carbon cartridge does not retain the sediments and fine particles in the water, so it must always be preceded by a polypropylene sediment filter that extends the lifespan of the carbon cartridge.
- It releases fine carbon particles in the water, which is why it is recommended to be followed by a polypropylene filter.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

Coconut shell activated carbon cartridge



Operating parameters:

Pressure: 2-4 bar

Water temperature: 4 - 30° C

Dimensions:

Exterior diameter: 114 mm

Interior diameter: 28 mm

Use:

Period of use: 3-6 months depending on water quality. Recommended for filtering drinking water.

Disposable cartridge.

Retain organic substances dissolved in water, chlorine and chlorinated derivatives, pesticide residues, correct taste and odour.

Size [inch]	H [mm]	Packaging [pcs./box]	Packaging [pcs./pallet]	Code
20"	508	6	180	87242250020

Characteristics:

- The granular activated carbon cartridge is obtained from coconut shell.

Warning!

- Used only for microbiologically safe cold water supply lines.
- The granular activated carbon cartridge does not retain the sediments and fine particles in the water, so it must always be preceded by a polypropylene sediment filter that extends the lifespan of the carbon cartridge.
- It releases fine carbon particles in the water, which is why it is recommended to be followed by a polypropylene filter.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.



Filter cartridges



Antibacterial coconut activated carbon cartridge



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 30° C

Dimensions:
Exterior diameter: 68 mm
Interior diameter: 28 mm

Use:
Period of use: 6-12 months depending on water quality. Recommended for filtering drinking water. Disposable cartridge.

It has antibacterial action and retains organic substances dissolved in water, chlorine and chlorinated derivatives, pesticide residues, corrects taste and odour.

Size [inch]	H [mm]	Packaging [pcs./box]	Code
5"	127	50	AQUA07000605000
7"	176	50	AQUA07000607000
10"	250	50	AQUA07000610000

- Characteristics:**
- The granular activated carbon cartridge is obtained from coconut shell and treated with silver for antibacterial effect.
 - Used to reduce chlorine in the water and correct the taste, the odour and the colour of drinkable water.
 - Prevents the growth of microorganisms on the surface of the cartridge.

- Warning!**
- Used only for cold water supply lines.
 - Where the water source is microbiologically unsafe, regular disinfection of the water source and the installation is recommended.
 - The granular activated carbon cartridge does not retain the sediments and fine particles in the water, so it must always be preceded by a polypropylene sediment filter that extends the lifespan of the carbon cartridge.
 - It releases fine carbon particles in the water, which is why it is recommended to be followed by a polypropylene filter.
 - Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

Activated carbon block cartridge



Operating parameters:
Pressure: 2-4 bar
Water temperature: 2 - 23° C

Dimensions:
Exterior diameter: 68 mm
Interior diameter: 29,5 mm

Use:
Period of use: 3-6 months depending on water quality. Recommended for filtering drinking water. Disposable cartridge.

Retain organic substances dissolved in water, chlorine and chlorinated derivatives, pesticide residues, correct taste and odour.

Size [inch]	H [mm]	Packaging [pcs./box]	Cod
5"	128	20	AQUA07010405000
7"	177	10	AQUA07010407000
10"	251	10	AQUA07010410000

- Characteristics:**
- The activated carbon block cartridge is obtained from coconut shell.
 - It retains suspended particles larger than 10 µm.

- Warning!**
- Used only for microbiologically safe cold water supply lines.
 - Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.



Filter cartridges

Centaur carbon filter cartridge



Operating parameters:

Pressure: 2-4 bar

Water temperature: 4 - 30° C

Dimensions:

Exterior diameter: 114 mm

Interior diameter: 28 mm

Use:

Period of use: 6 months depending on water quality. Recommended for filtering drinking water.

Disposable cartridge.

Efficiently eliminates hydrogen sulphide, chlorine from the water, corrects the taste and the odour.

Size [inch]	H [mm]	Packaging [pcs./box]	Packaging [pcs./pallet]	Code
20"	508	6	180	87242251020

Characteristics:

- It is made of catalytic activated carbon.

Warning!

- Used only for microbiologically safe cold water supply lines.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

Antibacterial Ultrafiltration membrane cartridge



Operating parameters:

Pressure: 1-4 bar

Water temperature: 2 - 30° C

Tehchnical data sheet:

Exterior diameter: 70 mm

Interior diameter: 28 mm

Flow: 4-4.5 l/min. at 2 bar

Micron rating: 0.01-0.1 µm

Membrane surface area: 0.8 m²

Use:

Period of use: up to 1 year depending on water quality

Washable cartridge: every 6 months

we recommend disinfection with usual solutions (e.g.: chloramine 3-5%).

Recommended for filtering drinking water.

Eliminate from water bacteria such as: E.coli, Salmonella, Pseudomonas aeruginosa and the finest particles of rust, sand, sludge, etc.

Size [inch]	H [mm]	Packaging [pcs./box]	Code
10"	250	25	AQUA08000010001

Characteristics:

- Made of PVDF (polyvinyl difluoride), a material that allows repeated washing/disinfection of the membrane.
- Retains particles larger than 0.1 µm (organic high-molecular substance – e.g.: bacteria, etc).
- Does not retain salts, minerals, oligoelements, etc. from the water)
- The efficiency in retaining bacteria was tested in conjunction with ECOIND laboratories (see analysis report).
- Used to replace the UF membrane cartridge, a component of the PUR 3 UF system, at the end of its lifespan.

Warning!

- Used only for cold water supply lines.
- Where the water source is microbiologically unsafe, regular disinfection of the water source, the installation and the UF membrane cartridge is recommended.
- Let the water flow through the cartridge at least 5 minutes before first use or after more than 7 days of disuse.

Media filtration systems





Softening systems

aquaPUR SOFT CAB softening systems with bypass



Operating parameters:
Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40 °C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm

Connection: 1"
Voltage: 230V, 50 Hz
Power: 3 W

Water supply parameters:
For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42dH
Iron: < 0.2 mg/l
Manganese: < 0.05mg/l

Reduce water hardness eliminating the risk of limescale.

Type	Nominal flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
SOFT 10 CAB	0,8	10	23	30	AQUA09110010008
SOFT 18 CAB	1,5	18	42	54	AQUA09110018015
SOFT 25 CAB	2,0	25	62	75	AQUA09110025020

Note: Built-in salt storage tank

Benefits:

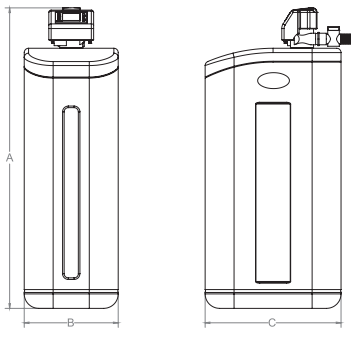
The SOFT softening systems are high quality reliable equipment equipped with DOWEX™-HCRS/S resin that, by eliminating water hardness:

- reduce the consumption of detergents;
- reduce the energy consumption;
- maintain or extend the lifespan of installations, washing machine, dishwasher, heating system or boiler, etc.;
- eliminate the cost of repairs resulting from the damage caused by water hardness;
- prevent the whitening of taps, sinks and sanitary items in contact with water.

Warning!

- The systems need to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where the water is microbiologically unsafe or where water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	A [cm]	B [cm]	C [cm]	Code
SOFT 10	59	33	47	AQUA09110010008
SOFT 18	83	33	47	AQUA09110018015
SOFT 25	105	33	47	AQUA09110025020





Softening systems

aquaPUR SOFT CAB LOTUS softening systems with bypass



Operating parameters:

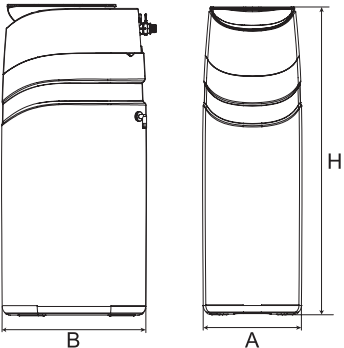
Pressure: 2 - 6 bari
Water temperature: +3 ...+30° C
Ambient temperature: +5...+40 °C
Relative humidity: max 80%
Pre-Micron rating: 100 µm

Connection: 1”
Voltage: 230V, 50 Hz
Power: 5 W

Water supply parameters:

For the proper functioning of the systems, the inlet water quality must be checked in terms of content of::

Hardness: 42dH
Iron: < 0.2 mg/l
Manganese: < 0.05mg/l
Particles: <100 microns
Microbiologically pure.



Reduce water hardness eliminating the risk of limescale. LOTUS variants have a residual chlorine generator for resin disinfection at the time of regeneration and also perform the brine feeding phase during countercurrent regeneration.

Type	Nominal flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
SOFT 12,5 CAB LOTUS	1,0	12,5	24	37,5	AQUA09110012010
SOFT 25 CAB LOTUS	2,0	25,0	64	75,0	AQUA09110025021

Note: Built-in salt storage tank

Benefits:

Softeners with modern design, color screen, touch buttons, simple and very user-friendly interface. Easy access to the salt tank by simply gliding the upper part made entirely of glass with glossy surface and rounded edges to avoid any risk of injury. Low water consumption during regeneration (up to 50%), special resin disinfection mode and warning system in case of lack of salt in the recipient. The softening stations are high quality reliable equipment equipped with DOWEX-TM-HCRS/S resin that, by eliminating water hardness:

- reduce the consumption of detergents;
- reduce the energy consumption;
- maintain or extend the lifespan of installations, washing machine, dishwasher, heating system or boiler, etc.;
- eliminate the cost of repairs resulting from the damage caused by water hardness;
- prevent the whitening of taps, sinks and sanitary items in contact with water.

Warning!

- The systems need to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where the water is microbiologically unsafe or where water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	H [cm]	A [cm]	B [cm]	Code
SOFT 12,5 CAB LOTUS	584	324	480	AQUA09110012010
SOFT 25 CAB LOTUS	1044	324	480	AQUA09110025021



Softening systems



aquaPUR SOFT SIMPLEX softening systems with bypass



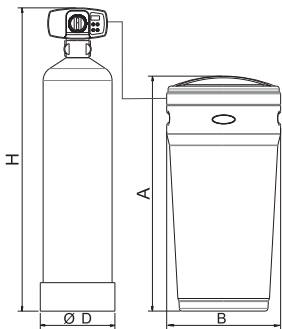
Operating parameters:

Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40 °C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm

Connection: 1"
Voltage: 230V, 50 Hz
Power: 3 W

Water supply parameters:
For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42dH
Iron: < 0.2 mg/l
Manganese: < 0.05mg/l



Reduce water hardness eliminating the risk of limescale.

Type	Nominal flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
SOFT 10 SIMPLEX	0,8	10	28	30	AQUA09111010008
SOFT 18 SIMPLEX	1,5	18	80	54	AQUA09111018015
SOFT 25 SIMPLEX	2,0	25	80	75	AQUA09111025020
SOFT 37 SIMPLEX	2,5	37	80	110	AQUA09110037025
SOFT 50 SIMPLEX	3,0	50	115	150	AQUA09110050030

Benefits:

The SOFT softening systems are high quality reliable equipment equipped with DOWEX™-HCRS/S resin that, by eliminating water hardness:

- reduce the consumption of detergents;
- reduce the energy consumption;
- maintain or extend the lifespan of installations, washing machine, dishwasher, heating system or boiler, etc.;
- eliminate the cost of repairs resulting from the damage caused by water hardness;
- prevent the whitening of taps, sinks and sanitary items in contact with water.

Warning!

- The systems need to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where the water is microbiologically unsafe or where water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	A [cm]	B [cm]	ØD [cm]	H [cm]	Code
SOFT 10 SIMPLEX	44.0	28.5	24.2	66.0	AQUA09111010008
SOFT 18 SIMPLEX	81.5	40.0	24.2	109.0	AQUA09111018015
SOFT 25 SIMPLEX	81.5	40.0	24.2	126.5	AQUA09111025020
SOFT 37SIMPLEX	81.5	40.0	27.0	153.0	AQUA09110037025
SOFT 50 SIMPLEX	87.5	46.0	32.0	138.0	AQUA09110050030



Softening systems



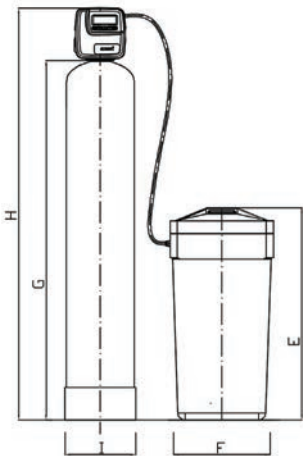
FU softening systems



Operating parameters:
Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1”
Voltage: 230V, 50 Hz
Power: 6 W

Water supply parameters:
For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42dH
Iron: < 0,2 mg/l
Manganese: < 0,05mg/l



Reduce water hardness eliminating the risk of limescale.

Type	Maximum flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
FU-1354 CE	3,5	75	125	210	87110430125*
FU-1465 CE	4,0	100	125	280	87110400100*

* - order-based product

- Benefits:**
The FU softening systems are high quality reliable equipment equipped with valve and DOWEX™-HCRS/S resin that, by eliminating water hardness:
- reduce the consumption of detergents;
 - reduce the energy consumption;
 - maintain or extend the lifespan of installations, washing machine, dishwasher, heating system or boiler, etc.;
 - eliminate the cost of repairs resulting from the damage caused by water hardness;
 - prevent the whitening of taps, sinks and sanitary items in contact with water.

- Warning!**
- The systems need to be connected to the sewer.
 - Designed to be mounted in enclosures protected from frost, extreme temperatures.
 - To be used ONLY for cold water supply lines.
 - Where the water is microbiologically unsafe or where water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	E [cm]	F [cm]	G [cm]	H [cm]	I [cm]	Code
FU-1354 CE	92	38 x 43	139,8	159,8	φ336	87110430125*
FU-1465 CE	92	φ460	167,4	187,4	φ363	87110400100*

* - order-based product



Softening systems

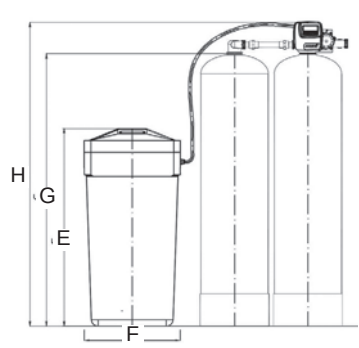
FU TWIN softening systems



Operating parameters:
Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1"
Voltage: 230V, 50 Hz
Power: 6 W

Water supply parameters:
For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42dH
Iron: < 0.2 mg/l
Manganese: < 0.05mg/l



Reduce water hardness eliminating the risk of limescale.
Alternating operation for a continuous flow of softened water.

Type	Maximum flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
FU-1054 TWIN	2,0	2 x 37	125	104	87120025125*
FU-1252 TWIN	2,9	2 x 62,5	125	175	87120036125*
FU-1354 TWIN	3,5	2 x 75	125	210	87120043125*
FU-1465 TWIN	4,0	2 x 100	125	280	87120050125*
FU-1665 TWIN	5,2	2 x 125	136	351	87120062136*
FU-2162 TWIN	6,3	2 x 200	400	562	87120068400*

* - order-based products

Benefits:

The FU TWIN softening systems high quality reliable equipment equipped with valve and DOW resin that, by eliminating water hardness:

- reduce the consumption of detergents;
- reduce the energy consumption;
- maintain or extend the lifespan of installations, washing machine, dishwasher, heating system or boiler;
- eliminate the cost of repairs resulting from the damage caused by water hardness;
- prevent the whitening of taps, sinks and sanitary items in contact with water.

Warning!

- The systems need to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	E [cm]	F [cm]	G [cm]	H [cm]	Code
FU-1035 TWIN	92	38 x 43	89,8	109,8	87120016125*
FU-1054 TWIN	92	38 x 43	138,6	158,6	87120025125*
FU-1252 TWIN	92	38 x 43	133,3	153,3	87120036125*
FU-1354 TWIN	92	38 x 43	139,8	159,8	87120043125*
FU-1465 TWIN	92	φ460	167,4	187,4	87120050125*
FU-1665 TWIN	92	φ460	167,4	187,4	87120062136*
FU-2162 TWIN	130	φ600	172,1	212,1	87120068400*

* - order-based products



Hardness, iron, manganese, ammonium treatment systems



MIX CAB treatment systems with bypass



Operating parameters:
Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1”
Voltage: 230V, 50 Hz
Power: 3 W

Water supply parameters:
For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42 dH
Iron: < 15 mg/l
Manganese: < 3mg/l
Oxidisability: < 4 ppm O2
Ammonium: < 4 mg/l
Total dissolved solids: 4,000 mg/l

Treat water in terms of iron, manganese, hardness, ammonium and organic matter.

Type	Maximum flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
MIX 25 CAB	1,2	25	62	53	AQUA09100025012

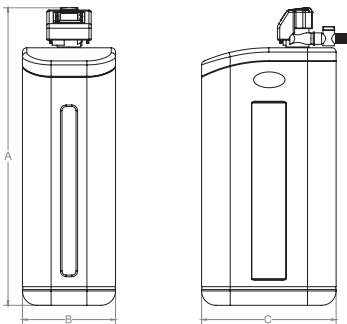
Benefits:

- A single solution for 5 issues:
- eliminate the risk of red and black stains on sanitary items caused by the iron and manganese content;
 - eliminate the risk of limescale;
 - control the content of ammonium and organic matter;
 - save space by mounting a single equipment for all 5 issues;
 - benefit from the quality of Ecomix professional filter medium.

Warning!

- The system needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	A [cm]	B [cm]	C [cm]	Code
MIX 25	105	33	470	AQUA09100025012





Hardness, iron, manganese, ammonium treatment systems



MIX SIMPLEX treatment systems with bypass



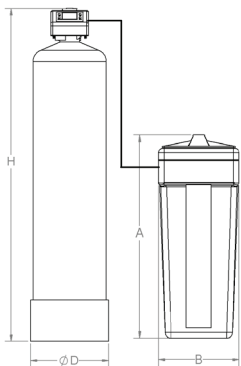
Operating parameters:

Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1"
Voltage: 230V, 50 Hz
Power: 3 W

Water supply parameters:

For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness: 42 dH
Iron: < 15 mg/l
Manganese: < 3mg/l
Oxidisability: < 4 ppm O2
Ammonium: < 4 mg/l
Total dissolved solids: 4,000 mg/l



Treat water in terms of iron, manganese, hardness, ammonium and organic matter.

Type	Maxi- mum flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
MIX 37 SIMPLEX	1,4	37	80	78	AQUA09100037014
MIX 50 SIMPLEX	1,8	50	110	105	AQUA09100050018

Benefits:

A single solution for 5 issues:

- eliminate the risk of red and black stains on sanitary items caused by the iron and manganese content;
- eliminate the risk of limescale;
- control the content of ammonium and organic matter;
- save space by mounting a single equipment for all 5 issues;
- benefit from the quality of Ecomix professional filter medium.

Warning!

- The system needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	H [cm]	ØD [cm]	A [cm]	B [cm]	Code
MIX 37	153	27	88	33,5	AQUA09100037014
MIX 50	138	32	88	38,5	AQUA09100050018



Hardness, iron, manganese, ammonium treatment systems



Ecomix FK treatment systems



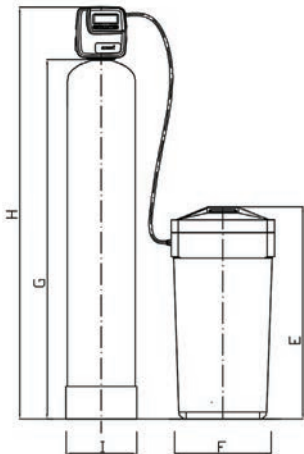
Operating parameters:

Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40 °C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1”
Voltage: 230V, 50 Hz
Power: 6 W

Water supply parameters:

For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Hardness:	42 dH
Iron:	< 15 mg/l
Manganese:	< 3mg/l
Oxidisability:	< 4 ppm O2
Ammonium:	< 4 mg/l
Total dissolved solids:	4,000 mg/l



Treat water in terms of iron, manganese, hardness, ammonium and organic matter.

Type	Maximum flow [m³/h]	Filter material [l]	Salt tank [kg]	Cyclical capacity = m³ x °G	Code
FK 1354 CE	2,2	62	125	121	87153062025*
FK 1465 CE	2,5	75	125	147	87153075025*
FK 1665 CE	3,3	100	136	196	87153100033*

* - order-based product

Benefits:

A single solution for 5 issues:

- eliminate the risk of red and black stains on sanitary items caused by the iron and manganese content.
- eliminate the risk of limescale.
- control the content of ammonium and organic matter.
- save space by mounting a single equipment for all 5 issues.

Warning!

- The system needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.

Type	E [cm]	F [cm]	G [cm]	H [cm]	I [cm]	Code
FK 1345 CE	92	38 x 43	139,8	159,8	φ33,6	87153062025*
FK 1465 CE	92	φ460	167,4	187,4	φ36,3	87153075025*
FK 1665 CE	92	φ460	167,4	187,4	φ41,3	87153100033*

* - order-based product



Activated carbon systems

Filtrisorb 300 FPA activated carbon system



Operating parameters:
Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1"
Voltage: 230V, 50 Hz
Power: 6 W



Eliminate chlorine and chlorine-based products, organic impurities, petroleum products and pesticides from the water. Improve water quality in terms of taste and odour.

Type	Rated flow [m³/h]	Quantity filter material [kg]	Water quantity between two regenerations [m³]	G [cm]	H [cm]	I [cm]	Code
FPA-1054-CT	0,60	25	0,3 - 0,4	138,6	158,6	φ25,8	87156006025*
FPA-1252-CT	0,85	25	0,4 - 0,6	133,3	153,3	φ31,0	87156008025*
FPA-1354-CT	1,00	50	0,5 - 0,7	139,8	159,8	φ33,6	87156010050*
FPA-1465-CT	1,20	50	0,5 - 0,8	167,4	207,4	φ33,6	87156011050*
FPA-1665-CT	1,55	75	0,7 - 1,0	167,4	207,4	φ41,3	87156015075*

* - order-based product

Characteristics:

- Recommended for water from the public supply system and well water.
 - Corrects taste and odour, retains organic matter and pollutants, such as pesticides, petroleum products, etc.
 - It is mounted at the point of entry/supply (POE e.g.: the entry of the water supply system into the house) and can generate water for consumption for the entire household.
- The filter medium in these systems is regenerated/cleaned with a backflow of water controlled by the automatic valve.

Warning!

- The systems need to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.



Activated carbon systems

Centaur FPC activated carbon system



Operating parameters:

Pressure: 2-6 bar
Water temperature: +4 ...+30°C
Ambient temperature: +5...+40°C
Relative humidity: max. 80%
Pre-Micron rating: 100 µm
Connection: 1"
Voltage: 230V, 50 Hz
Power: 6 W

Water supply parameters:

For the proper functioning of the systems, the inlet water quality must be checked in terms of content of:

Maximum iron: 1 mg/l
Hydrogen sulphide: 3 mg/l



Eliminate hydrogen sulphide and iron up to 1mg, pesticides, petroleum products from the water.
Eliminate the chlorine taste and odour.

Type	Rated flow [m³/h]	Quantity filter material [kg]	Water consumption in regeneration [m³]	G [cm]	H [cm]	I [cm]	Code
FPC-1054-CT	0,60	15	0,3 - 0,5	138,6	158,6	φ25,8	87155006015*
FPC-1252-CT	0,85	30	0,5 - 0,7	133,3	153,3	φ31,0	87155008030*
FPC-1465-CT	1,20	45	0,6 - 0,9	139,8	159,8	φ33,6	87155011045*
FPA-1665-CT	1,55	60	0,8 - 1,2	167,4	207,4	φ33,6	87155015060*

* - order-based product

Characteristics:

- Recommended for water from the public supply system and well water.
- Eliminates the smell of rotten eggs, removing hydrogen sulphide, eliminates the chlorine taste and odour, retains
- organic matter and pollutants, such as pesticides, petroleum products, etc.
- It is mounted at the point of entry/supply (POE e.g.: the entry of the water supply system into the house) and can
- generate water for consumption for the entire household.
- The filter medium in this system is regenerated/cleaned with a backflow of water controlled by the automatic valve.

Warning!

- The system needs to be connected to the sewer.
- Designed to be mounted in enclosures protected from frost, extreme temperatures.
- To be used ONLY for cold water supply lines.
- Where water is microbiologically unsafe or water quality is unknown, it is necessary to carry out a water analysis and to disinfect the installation and the water source. In this situation, it is advisable to contact a specialist.



Filtering media

DOW cationic resin



Quantity [litres]	Code
25	87180000025

Consumable for FU softening systems.

Filter medium/Ecomix resins



Quantity [litres]	Code
12	87181000012
25	87181000025

Consumable for FK Ecomix systems.

Filtrisorb granular activated carbon



Quantity [litres]	Code
25	87182000025*

* - order-based product

Consumable for FPA granular activated carbon filtration systems.

CENTAUR catalytic granular activated carbon – Chemviron/ Calgon Carbon



Quantity [litres]	Code
15	87182000015*

* - order-based product

Consumable for FPC catalytic granular activated carbon filtration systems.



Spare parts

Salt tablets



NaCl	Weight [kg]	Code
min. 99.5%	25	87111000001

Consumables needed in the regeneration process of ion exchange resins.

Chloramine effervescent pills



	Code
	87186000050

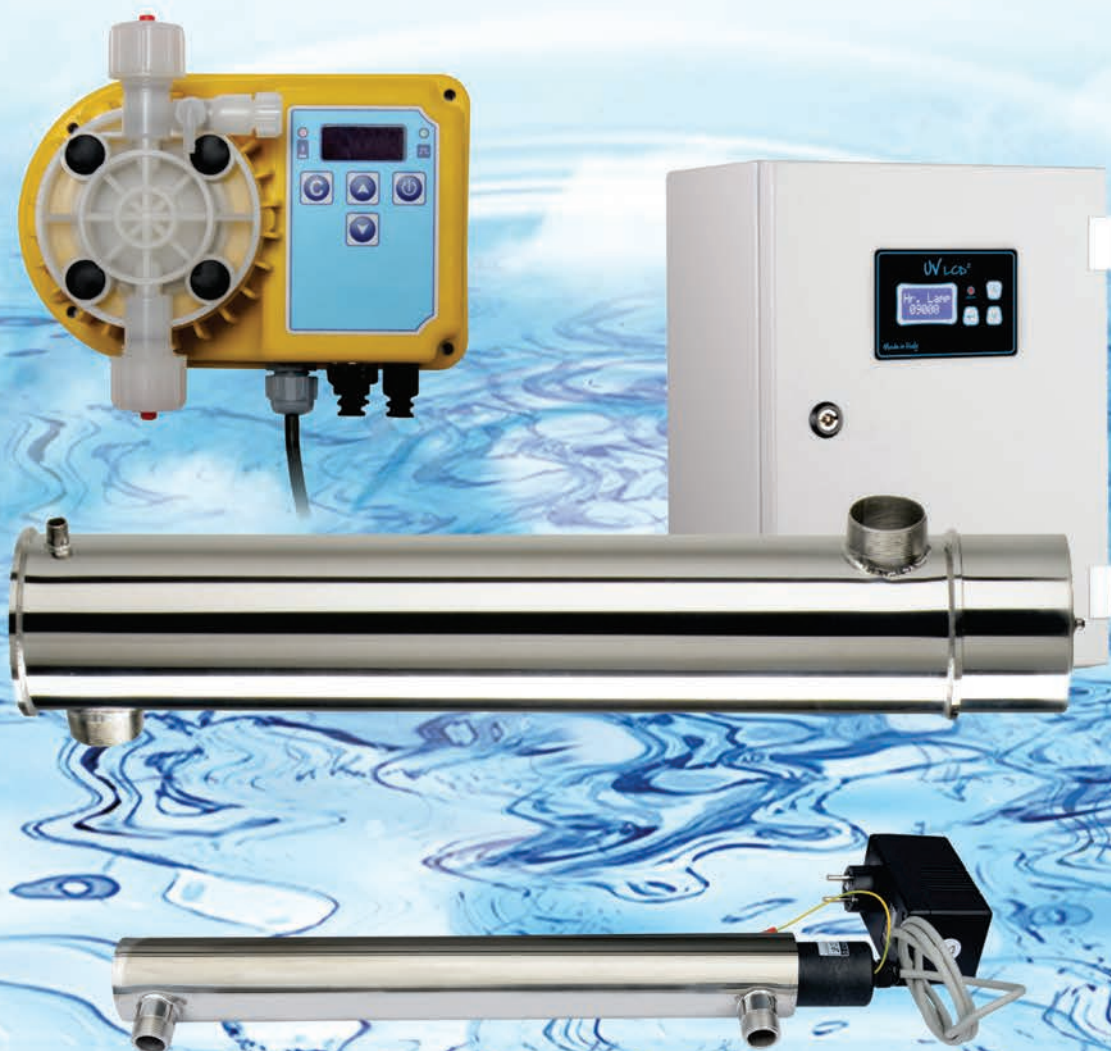
Water hardness test kit



	Code
	87190000001



Equipments for disinfection





UV disinfection systems



UV disinfection systems



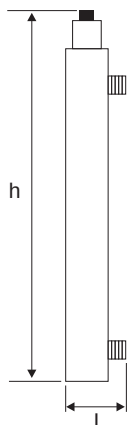
Operating parameters:

Pressure: 2-9 bar
Minimum temperature: 4°C
Maximum temperature: 30°C
Lamp lifespan: max. 9,000 hours
Voltage: 230V, 50 Hz

Water supply parameters:

For the proper functioning of the UV disinfection systems, the inlet water quality must be checked in terms of content of:

Suspended matter: < 0.5 mg/l
Iron: < 0.3 mg/l
Manganese: < 0.05 mg/l
Hydrogen sulphide: < 0.05 mg/l
Hardness: < 7 dH



Microbiological water treatment.

Type	Maximum flow [m³/h]	Connection [inch]	Number of lamps [buc.]	Lamp power [W]	h x L [mm]	Code
UV107 AL	0,30	1/8"	1	12	267 x 53	87141001107*
UV403 AL	0,60	1/2"	1	16	394 x 80	87141001403*
UV405 AL	1,20	3/4"	1	30	524 x 90	87141000405
UV412 AL	2,70	1"	1	40	925 x 90	87141000412

Application:

It is used to destroy microorganisms in the water, with no reaction time required.

- Operating principle: The sterilizer uses the low pressure UV lamp to produce UV radiation with a wavelength of 254nm that causes photochemical reactions and damages the DNA of microorganisms, leading to their death or sterility.
- The product does not modify in any way the chemical composition of water or require the addition of chemicals.

Warning!

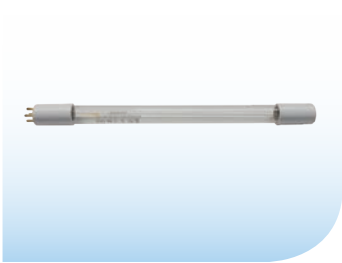
- Before the UV disinfection systems, it is advisable to use mechanical filters, ion exchange systems (if applicable) or any other filter/system to protect the quartz Tube. Failure to use them results in the reduced efficiency of the UV disinfection systems.

Type	Maximum flow [m³/h]	Connection [inch]	Number of lamps [buc.]	Lamp power [W]	h x L [mm]	Code
UV 405 LCD	1,2	3/4"	1	30	524 x 85	87141002405*
UV 412 LCD	2,7	1"	1	40	925 x 88	87141002412*
UV 440 LCD	3,6	1 1/2"	1	40	880 x 190	87141002440*
UV 450 LCD	4,5	1"	2	40	925 x 225	87141002450*
UV 480 LCD	5,1	1 1/2"	1	80	880 x 190	87141002480*
UV 550 LCD	6,0	1 1/2"	2	40	985 x 185	87141002550*
UV 80/2 LCD	12	1 1/2"	2	80	985 x 185	87141002802*

* - order-based product



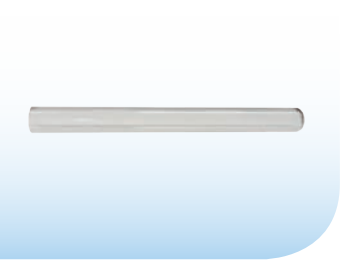
Lamp for UV
disinfection systems



Type of disinfection station	Code
UV107 AL	87142100012*
UV403 AL	87142100016*
UV405AL	87142100030*
UV412AL	87142100040*

Lifespan 9,000 hours (approximately 1 year)

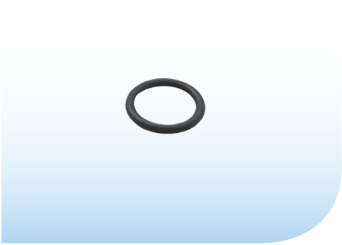
Quartz Tube for UV
disinfection systems



Type of disinfection station	Code
12W UV 107	87142200012*
16W UV 403	87142200016*
30W UV 405	87142200030*
40W UV412	87142200040*

To be replaced in case of accidental breakage.

Gasket for UV
disinfection systems



Dimensions	Code
D.23x4	87142300023

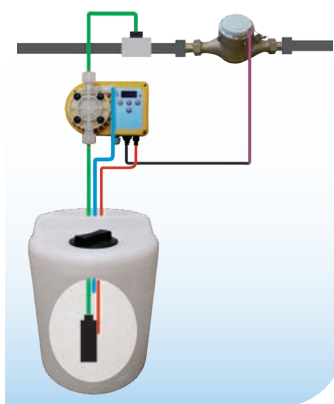
To be replaced annually.





Chlorine dosing systems

DOSA - chlorine dosing systems



Operating parameters:

Pressure: max. 7 bar
Minimum temperature: 4° C
Maximum temperature: 30° C
Voltage: 230V, 50 Hz

Chlorine dosing systems are equipments that perform the dosage of chlorine in water depending on the volume of water measured by a pulse generator meter.

Kit name	Code
DOSA 20-60 chlorine dosing system	87130102060*
DOSA 25-60 chlorine dosing system	87130102560*
DOSA 32-60 chlorine dosing system	87130103260*
DOSA 40-60 chlorine dosing system	87130104060*
DOSA 50-60 chlorine dosing system	87130105060*
DOSA 65-60 chlorine dosing system	87130106560*
DOSA 80-60 chlorine dosing system	87130108060*
DOSA 100-60 chlorine dosing system	87130110060*
DOSA 125-60 chlorine dosing system	87130112560*
DOSA 150-60 chlorine dosing system	87130115060*
DOSA 200-60 chlorine dosing system	87130120060*
DOSING PUMP 5L7B	87111300411
STORAGE RECIPIENT PE 60 L	87111300412
STORAGE RECIPIENT PE 120 L	87111300415

* - order-based product

Application:

Can be used for water chlorination for the oxidation of iron, manganese, ammonia, etc. or for the introduction of the protective dose against the development of bacteria. These kits can also be used in other dosing applications (pH adjustment, coagulant dosing, fertilization fluids, etc.).

The precise dosing of chlorine or other solutions is carried out by the dosing pump following a pulse received from the pre-equipped meter for the transmission of pulses after the passage of a certain amount of fluid measured by the meter. Thus, the execution element in this system is the dosing pump, and the control element is the pulse generator meter. The dosing pump performs the dosing operation depending on the user's specific settings.

Warning!

- It is recommended to use the chlorination systems for cold drinking or untreated water.



Dosing pump

Depending on the installation size, there are 2 versions of chlorination kits:

- For the equivalent of $\frac{3}{4}$ " ÷ 2" installations, the system consists of:
 - Dosing pump
 - Multijet cold water meter with wet mechanism
 - REED relay
 - Storage recipient
- For the equivalent of DN65 ÷ DN200 installations, the system consists of:
 - Dosing pump
 - Woltman cold water meter with parallel turbine shaft
 - EDC module
 - Storage recipient

FSP - Ag tanks





FSP Ag tanks

aquaPUR
FSP Ag tanks



Operating parameters:
Pressure: max. 6 bar
Minimum temperature: 8° C
Maximum temperature: 20° C
Voltage: 230V, 50 Hz

This product is treated with silver-based biocides and was tested in accordance with ISO 22196:2011.

It is a POE (point-of-entry) system for the storage, filtering and pumping of drinking water. aquaPur® uses the silver ions technology developed by Valrom to prevent the development of microflora in the storage tank. The system requires minimum maintenance operations and can provide safer and cleaner water for long periods.

Type	Code
300 FSP	49550300000*
500 FSP	49550500000*
750 FSP	49550750000*

* - order-based product

1. aquaPUR tank
2. 1" mechanical float controller
3. DIVERTRON 1000 submersible electropump
4. 5µ mechanical filter, mounted on the tank inlet
5. Activated carbon block filter, mounted on the tank outlet
6. 1" overflow (in PPR tube, on which the vertical swivel breakaway is mounted)



Warning!

- Before any intervention, disconnect the system from the electrical network and make sure that the the water supply installation is not pressurized.
- The aquaPur® tank has not been designed and is not intended to treat water from contaminated sources – such as from non-drinking wells, sewage or industrial waste water.
- Using the system at ambient temperatures exceeding 200C, as well as not using the system for a period lead to the growth of bacteria at the level of filters. In these conditions, it is compulsory to change them.
- For your safety and the safety of your family, we **STRONGLY** recommend that you use on the power supply circuit of the tank a residual current differential protection device with IDn = 30mA. All works must be performed only by authorized personnel.

Accessory



Stainless steel bracket for aquaPUR system/tank
Code: 49150000003 (for 300 and 500 models)
Cod: 49150000002 (for 700 model)



Brio 2000 MT electronic pump control device
Code: 49060100123



FSP Ag storage tanks

aquaPUR FSP Ag storage tanks



Operating parameters:
Pressure: max. 6 bar
Minimum temperature: 8° C
Maximum temperature: 20° C

This product is treated with silver-based biocides and was tested in accordance with ISO 22196:2011.

The tank is built as a single block (without joints) to ensure leak-tightness and reduce the risk of leaks.

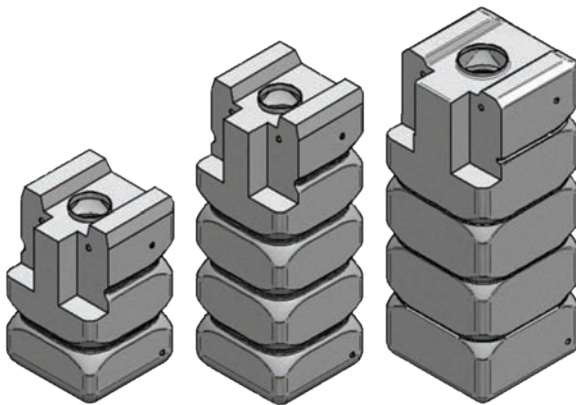
It is made of 3 different layers:

- outer layer in polyethylene, for good mechanical strength;
- intermediate layer in expanded polyethylene, with the role to reduce condensate formation on the surface (thermo insulation);
- inner layer in polyethylene, incorporating inorganic compounds with silver ions to block the development of microorganisms.

The tank is available in 3 usable storages, namely: 260, 480 and 700 liters. It is fitted at the base with a prepared location for the attachment of a drain tap.

Type	Length [mm]	Width [mm]	Height [mm]	Total volume [litres]	Useful volume [litres]	Code
300	600	600	960	320	about 260	49530300000*
500	600	600	1600	550	about 480	49530500000*
750	690	690	1840	750	about 700	49530750000*

* - order-based product





Components and spare parts





Components and accessories



Male connection



Characteristics	Code
1/4" male x 1/4" tube	87144030010
1/2" male x 1/4" tube	87144000006
1/8" male x 1/4" tube	87144030012

Teu egal quick



Characteristics	Cod
1/4" tube x 1/4" tube x 1/4" tube	87144036010

Male elbow



Characteristics	Code
3/8" male x 1/4" tube	87144033916
1/8" male x 1/4" tube	87144033912

300 CC flow restrictor



Characteristics	Code
1/4" tube x 1/4" tube	87144035300

Stem elbow



Characteristics	Code
1/4" stem x 1/4" tube	87144033910
1/4" tube x 1/4" tube	87144033909

Plastic nipple



Characteristics	Code
1/2" male x 1/2" male	87144000008*
1/4" male x 1/4" male	87144040010

One-way male elbow 90°



Characteristics	Code
1/4" tube x 1/4" tube	87144039311
1/8" male x 1/4" tube	87144034912

Mounting bracket



Characteristics	Code
2,5"	87144011025

Side stem tee



Characteristics	Code
1/4" tube x 1/4" tube x 1/4" stem	87144036110

Mounting bracket



Characteristics	Code
2,5" x 2"	87144011225
2" x 2"	87144011220

* - order-based products



Components and accessories



Ball valve 90°



Characteristics	Code
1/4"female x 1/4"tube	87144031910

Three way connecting piece with shut-off valve



Characteristics	Code
1/2"male x 1/4"female x 1/2"female	87144031910

Low-pressure switch



Characteristics	Code
1/4"tube	87144039110

PUR 2 tap



Characteristics	Code
Connection 1/4"	87144000004

High-pressure switch



Characteristics	Code
1/4"tube	87144039210

PUR 3 tap



Characteristics	Code
Connection 1/4"	87144000003

4-way valve



Characteristics	Code
1/4"tube	87144032410

Reverse osmosis pump



Characteristics	Code
5,5 bar - 0,6 l/min	87144012016

1/4" silicone stopper



Colour	Code
blue	87144037110
red	87144037210
yellow	87144037310
black	87144037410

Pump power supply



Characteristics	Code
1,2A	87144013012

* - order-based products



Components and accessories



Polyethylene Tubee



Colour	D (inch)	Code
Blue	1/4"	87144000001
Red	1/4"	87144000002
Yellow	1/4"	87144020010
Black	1/4"	87144020110
White	1/4"	87144020210
White	3/8"	87144020001

Reverse osmosis tank



Characteristics	Code
12 litres	87144014032

O-ring gasket



Characteristics	Code
85 mm x 3,5 mm	17001980004

Filters wrench



	Code
	AQUA06000000001*

Plastic grip stand



	Code
	AQUA06020000003*

Membrane housing wrench



	Code
	87144010100

Connecting piece to the sewer



Characteristics	Code
D.50 x 1/4"Tube	87144038050

Ball valve



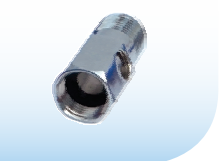
Characteristics	Code
1/4"male x 1/4"tube	87144000005

Bypass



	Code
FU / FK	87111100001
SOFT / MIX	87111100750*

Feed water adapter



Characteristics	Code
1/2"female x 1/4"female x 1/2"female	87144000007

* - order-based products



This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings present.



This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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