



  
**Puricom**

Catalogue P05





WATER LOGISTICS GROUP



Welcome

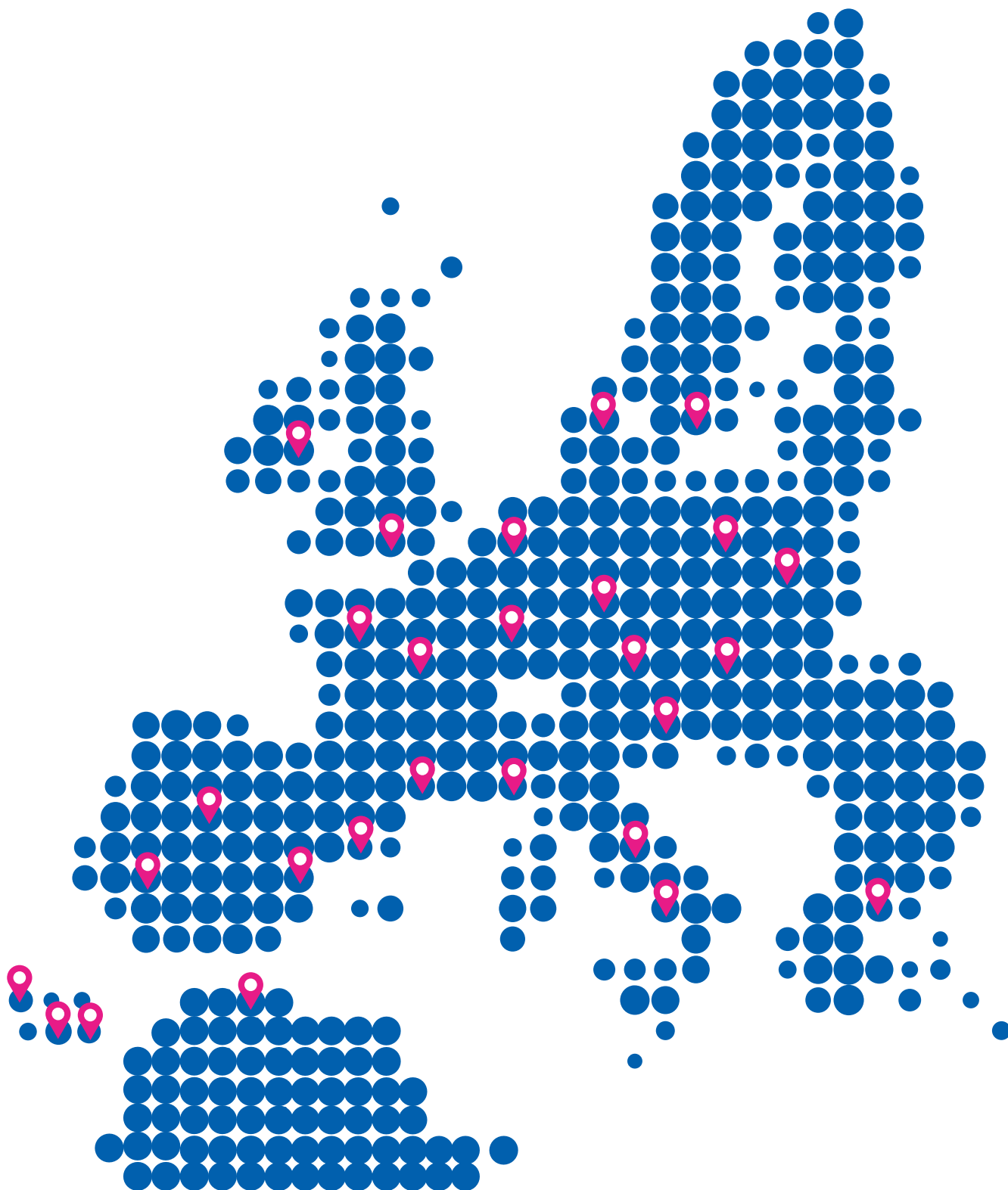
## Our Compromise

- Being close to our clients.
- Innovating and developing new products
- Providing knowledge and experience of our know-how.
- Supporting our clients in their professional success.

These pledges are the cornerstones of Puricom.

With the new Puricom catalogue we aim to convey our spirit and our strength for the future.

We hope you like it.



Puricom believes that quality is an essential value and is committed to on-going improvement, thus achieving the trust and satisfaction of our clients.

**Knowing** the client's needs to offer the right product and service. Sales, R&D, Purchasing...

**Puricom** has a quality system for the marketing and assembly of water treatment equipment, which is certified and complies with the UNE-EN-ISO-9001 standard, as well as the approval protocols for new components.

**Procedures** for technical, management and administrative work, according to our protocol endorsed by the ISO 9001 standard.

**Interest** of the entire Puricom labour force in fulfilling the client's needs.

**Design** of safe and reliable equipment, adapted to the client's needs. Use of components of proven quality.

**Internal quality controls** at the reception of products and equipment.

**Involvement** of our partners and suppliers in undertaking the same commitment of quality and service as Puricom. Quality control at origin.

*Offices, showroom and training facilities.*



Continuously improving the quality of the product.  
Improving timeliness in deliveries and service.

Being responsive and flexible to adapt to change.  
Improving the information conveyed to customers and suppliers.



## Development

In the research of our products or in technical improvements, our team proposes several solutions.

The application of the product, the concept of simplicity, common sense and the quality of the components are in all research processes.

After choosing a solution, we rigorously analyse the technical applications, the uses and the associated risks (handling errors, assembly complexity, etc.).

Once approved by the Project Team, we materialise our solutions in tests and prototypes.

Our prototypes undergo the most strict controls, as well as specific tests in our facilities.

Subsequently, and before bringing them into the appropriate sales channels, we perform a specific on-the-spot check under the supervision of the Technical Department in order to close the project.

*Pla de Llerona. Les Franqueses del Vallès*



# LOGISTICS

Randomly, a certain number of products are taken from the production lines to be tested to the limit of their potential use.

This method allows to verify the final quality of the products from Puricom as well as checking the service life of certain products (filters, cartridges In-line, pressure switches, pumps, etc.)

Puricom uses different test and control methods to check the quality of the products in the manufacturing process.

These methods allow us to remove from the production lines the components or products that do not meet the requirements of Puricom.

## Responsibility

Puricom is well aware of its responsibility and thus works in the design and marketing of its equipment according to the applicable legal requirements.

Our technical team has worked hard to adapt technically our equipment to the requirements of **Royal Decree 742/2013**, in force since 11/12/2015, by offering full ranges of equipment that meet the criteria of the **UNE 149101** standard.



Equipment according to UNE 149101.



Components. An integral component of water treatment equipment certified by UNE 149101.

## NSF

According to the requirements of NSF.

## NSF

Contains components certified by NSF.



In addition, in line with our commitment of offering a quality product to our clients, our equipment and components meet the requirements of international standards and criteria such as **NSF, ACS, DM174** or **WRAS**



## Training

### Water treatment and technology training itineraries

After many months of hard work to prepare a new Training Center with educational facilities, we present the training offer of the **WLG Water Training Center**, which is ready to combine theory and practice in a comfortable and useful way. It contains 6 new classrooms, with a capacity for up to 100 students, to provide a variety of courses at the same time, by using multimedia resources with state-of-the-art technology, as well as new practical and useful teaching materials.

In an increasingly demanding market and with the existence of similar products of different qualities, prices, brands, origins, etc. it is the service delivered to the client that makes the difference.

The technical knowledge of the product and the technology, as well as the training of technicians and companies to comply with the applicable legal requirements, will enable the company to guarantee the satisfaction of its clients over the life span of the equipment.

Training courses have a modular design and gradual itineraries, and combine concept explanations with hands-on sessions using equipment connected to water, depending on the profile of the students for which they are intended.

Training is mainly targeted to the personnel in charge of the installation and service of water treatment equipment, middle managers and directors, or to those persons wishing to learn or deepen the knowledge on different technologies in order to:

- Provide technicians and students the necessary knowledge to fulfil their tasks in a competent manner and be able to successfully manage the different situations which they may encounter in water treatment equipment along its life cycle.



- Promote good technical and hygiene practices to properly apply, install, start-up, service and repair water treatment equipment, so they can guarantee a proper service and ensure the safety of the users of the equipment for which they are responsible.
- Train students and companies concerning the legal requirements they must comply with at both technical and educational level, to properly treat and control household equipment, as well as the equipment installed in public places or commercial locations, and be able to justify it to the competent authority. In an increasingly demanding market and with the existence of similar products of different qualities, prices, brands, origins, etc. it is the service delivered to the client that makes the difference.





## Quality



### Controls

A certain number of products are taken randomly from the production lines to be tested to the limit of their potential use.

This method allows to verify the final quality of the products from Puricom as well as checking the service life of certain products (filters, In-line, pressure switches, pumps, etc.)

### Destructive Tests

Puricom uses different test and control methods to check the quality of the products in the manufacturing process.

These methods allow us to remove from the production lines the components or products that do not meet the requirements of Puricom.



ACREDITADO POR ENAC  
Certif. nº CS/08/146



Authorised Economic Operator  
No.: ESAEOF18000008U6

## ISO 9001

Puricom is certified by the ISO 9001 standard since 2008. This certificate recognises the management and efficiency of a company to guarantee the quality of its products.

All the processes of the company participate from the definition of product specifications to the logistics of delivery to the client.

## Experience and efforts



## Services

Puricom provides all the necessary human and material resources to offer phone-based technical support, as well as by e-mail and various technologies, to our clients and their technicians in order to resolve the issues and doubts that may arise.

Our company promotes and collaborates in the development of the water treatment sector by playing an active role in different technical committees, as well as national and international working groups, and by providing them the criteria of its recognised experts:

- European Committee for Standardisation CEN TC 164/WG3 "Water conditioning equipment inside buildings".
- Aqua España. Sectoral Commission. "Water equipment for human consumption".
- Technical Standardisation Committee from AENOR CTN 149/SC1 "Water Treatment".
- European Committee for Standardisation CEN TC 164/WG3 "Effects of materials in contact with drinking water".



## Solutions

Puricom has its own laboratory and technical equipment to analyse different types of water in function of the application, in order to provide treatment systems that offer solutions to the problems and needs of the client.



## Puricom products



Ergo  
Compact water softeners.



Starfit  
Tubes and connectors for water and air.



Watermark Series  
Industrial softeners.



Water Mark  
Low consumption water softeners.



Denver  
Water softeners.



Filter Max  
Filters for retaining suspended solids.  
Industrial and domestic applications.



Fontana  
Household reverse osmosis equipment.



Proline  
Household reverse osmosis equipment.



Neatwork  
Products and reagents for water treatment.



Columbia Aqua  
Cold water dispensers with water treatment.



Kinglight  
UV equipment for water.



Pure Clear  
Industrial reverse osmosis equipment.



FT Line  
Filter line for household and Horeca (point of use) applications.



Greentank  
Bottles, cabinets and accessories for water softeners.



Green Filter  
Filter manufacturing.



Dear Client,

Hereby we are introducing our new **Catalogue number 05**. Once again, we try to provide a useful and clear tool to help you prepare your quotations and let you know better our new products and prices.

In this issue we are introducing some interesting updates:

New range of filtration systems, both for the household and Horeca sectors, i. e. the Lógico Aqua series. This product is highly versatile and offers a great quality. It is composed of different filtration, carbon block and ultrafiltration systems that include different commercial solutions.

New filters and water softeners of the WaterMark 755 Series of 2", with the most advanced technology for a low consumption of salt and water. Designed for high flow rates, they come with the MTS (multi-tank) system.

This equipment offers the best features available in the market and a very competitive price.

As a novelty in commercial reverse osmosis, we are introducing a very interesting line to cover a gap which is often difficult to fill: the gap between household and industrial osmosis. There will be four units with different characteristics: C500, CP600, C700 and C1200. The latter comes as standard with an innovating membrane flushing system with osmosis water.

Furthermore, we are launching a new section in which the main characters will be glass bottles available in different models and prices. This new family includes thermos bottles from our Runbott brand, which have had a great success among our customers. Modern bottles with an unbeatable quality, which incorporate an interior ceramic coating to prevent the unpleasant flavours that metal can produce.

As always, thank you for trusting us.

The Puricom Team.



## WATER LOGISTICS GROUP



**Puricom Europe**  
Distribution and services for water treatment equipment in Europe and Africa.



**Ionfilter**  
Production, distribution and service facilities for water treatment equipment in Spain and Portugal.



**Waterfilter**  
Distribution and service facilities for water treatment equipment for stockists and wholesalers in Spain and Portugal.



**Puricom America**  
Distribution and services for water treatment equipment in Central and South America.



**Starfit**  
Production and distribution of tubes and quick fittings for fluids and air.



## New Horeca catalogue



# columbia<sup>®</sup> aqua

Professional water dispensers

### A new way of drinking water

Water is an increasingly scarce commodity. Therefore, we must protect water resources for future generations. This is one of the main goals of Columbia Aqua.

### Your bottle, your brand

Columbia Aqua gives you the chance to fully customise your bottles with the brand of your restaurant or your company. Choose the model and colour of your customization and surprise your customers.

### Quality

The Columbia Aqua filtration system will provide the highest quality water, a quality that you will clearly perceive when drinking and cooking.

### Economy

Having a Columbia Aqua dispenser will be a good solution.

Currently, the price adjustment in restaurant menus and in the "all-inclusive" or free buffets makes this product the best solution, since it allows to reduce costs while offering a good product.

### The right equipment for each client

Rent, finance, purchase. Columbia Aqua not only provides a complete range of high quality equipment, but also offers the type of contract that best suits your business needs.

Thanks to the most advanced filtration and cooling technologies, the Columbia Aqua equipment improves the quality of tap water, making its consumption an unforgettable experience for the senses

### Ecology

Having a Columbia Aqua dispenser allows you to actively contribute to improving the environment, while enjoying high quality water.

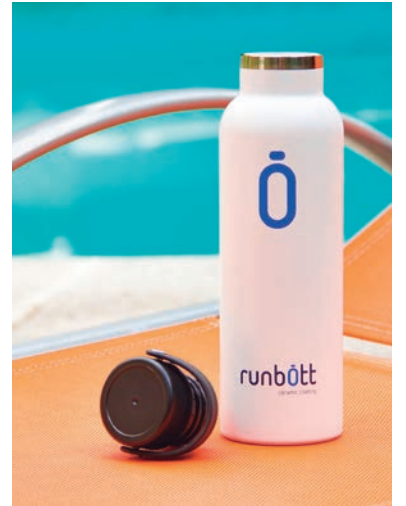
### International satisfaction

Sparkling water is consumed regularly in different European countries. Offer your clients sparkling water if that is what they want.

### Comprehensive network

We provide a support service composed of specialised technicians, who will be in charge of the installation, maintenance and spare parts of your equipment.

**Quality water, quality bottles.**



**runbött**  
ceramic coating

Temperature, taste and sustainability. These three concepts are what make RUNBOTT much more than a reusable bottle.

Its secret is the ceramic-coated interior that allows to maintain the temperature of your drink for hours without exposing it to a metal, thus also avoiding unpleasant flavour transfers.

Your RUNBOTT is ready for a new adventure.

[runbott.com](http://runbott.com)



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# Lógico Aqua



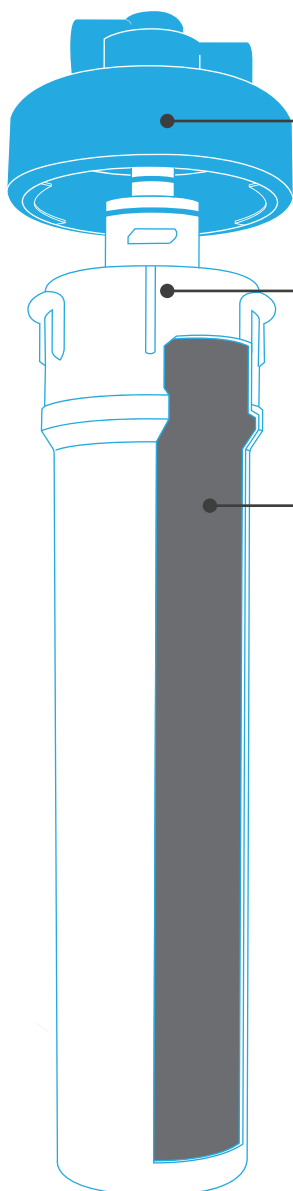
The Lógico Aqua system series has different models available, which adapt easily to the characteristics of your family and your kitchen. With a simple and easy installation you will have all the filtered water that your family needs to drink and cook.



# LÓGICO AQUA

Easy water - Agua fácil - L'eau facile

[logicoaqua.com](http://logicoaqua.com)



Filter head made of reinforced ABS plastic.

Microparticles filter capable of retaining impurities up to 15µm.

Activated carbon block made of high quality coconut shell.

Removes all chlorine compounds and organic elements that cause unpleasant odours and flavours.

High-technology water filtration for your home.

The Lógico Aqua filtering system is very effective, since it filters water through a solid surface of high quality activated carbon.

This is a far more effective system than traditional granulated carbon filters.



## Direct Pack

Filtered water directly on your kitchen tap.



The simplest and most economical Lógico Aqua system. Very easy to install: just install the filter between the cold water outlet and your tap.

### Composition:

Cartridge Lógico Aqua premium 12.  
 Head cartridge Lógico Aqua Connection 3/8" M.  
 Bottle Söder 85 cl Lógico Aqua.  
 Flexible connector hose 400 mm FF 3/8".

### Specifications:

Box dimensions: 539 x 344 x 139 mm.  
 Weight: 4 kg. Pressure: 1 - 8 bar.  
 Max. flow: 4 LPM.  
 Filtration capacity: 12.000 liters.  
 Temperature: 4°C - 38 °C.

Code	Packaging units	Description
980156	1	Lógico Aqua Direct pack

## 1-way Pack

Filtered water through a 1-way tap.



With the 1-way Pack, filtered water is supplied to a specially designed tap.

### Composition:

Cartridge Lógico Aqua premium 12.  
 Head cartridge Lógico Aqua.  
 Bottle Söder 85 cl Lógico Aqua.  
 Female adapter quick connector 1/4- female screw 7/16.  
 Faucet: Klein 1-way 7/16" Lógico Aqua (Page. 159).  
 Ball valve pipe QC ¼ - screws 3/8".

### Specifications:

Box dimensions: 539 x 344 x 139 mm.  
 Weight: 5 kg. Pressure: 1 - 8 bar.  
 Max. flow.: 4 LPM.  
 Filtration capacity: 12.000 liters.  
 Temperature: 4°C - 38 °C.

Code	Packaging units	Description
980158	1	Lógico Aqua 1-way pack

## 3-way Pack

Filtered water on a 3-way tap.



The 3-way Pack is the ideal system for you and your family. One single tap supplies cold, hot and filtered water with a modern and rugged design.

### Composition:

Cartridge Lógico Aqua premium 12.  
 Head cartridge Lógico Aqua.  
 Bottle Söder 85 cl Lógico Aqua.  
 Female adapter quick connector 1/4- female screw 7/16.  
 Faucet: Ares 3-way 3/8" metal free Inox (Page. 165).

### Specifications:

Box dimensions: 539 x 344 x 207 mm.  
 Weight: 6 kg. Pressure: 1 - 8 bar.  
 Max. flow: 4 LPM.  
 Filtration capacity: 12.000 liters.  
 Temperature: 4°C - 38 °C.

Code	Packaging units	Description
980160	1	Lógico Aqua 3-way pack

## Lógico Aqua Premium carbon Block 8", 12" and 17" cartridge



### Working conditions:

Pressure: 1 - 8 bar. Temperature: 4 °C - 38 °C

#### Premium 8":

Filtration capacity: 2.000 l.  
Max. flow: 2 LPM.

#### Premium 12":

Filtration capacity: 12.000 l.  
Max. flow: 4 LPM.

#### Premium 17":

Filtration capacity: 35.000 l.  
Max. flow: 6,5 LPM.

Code	Packaging units	Description
980148	1	Logico aqua filter plastic 3/8" head
980149	1	Logico aqua filter Stainless steel 3/8" head
980359	1	Lógico Aqua Premium carbon Block 8"
980203	1	Lógico Aqua Premium carbon Block 12"
980204	1	Lógico Aqua Premium carbon Block 17"

## Lógico Aqua Ultrafiltration cartridge

Combined ultrafiltration and activated carbon cartridge of 12 inches, specially designed for treating water for human consumption of 12 inches.



This is an ideal system for water for: drinking, cooking, also for residential uses, water dispensers and several applications for HORECA sector.

### Working conditions:

Filtration capacity: 6.000 liters.  
Max. flow: 4 LPM.  
Pressure: 0,7 - 8,6 bar.  
Temperature: 4 °C - 38 °C.

Code	Packaging units	Description
980257	1	Lógico Aqua ultrafiltration 12" cartridge



## Lógico Aqua 50 microns cartridge

Specific microfiltration unit for drinking water. Made of high performance polypropylene.



This set is ideal for the elimination of sand, turbidity and particles and it is very suitable for water dispensers and any application of the Horeca channel.

### Working conditions:

Filtration capacity: 35.000 liters.

Max. flow: 6,5 LPM.

Pressure: 1-8 bar.

Temperature: 4 °C - 38 °C.

Code	Packaging units	Description
980336	1	Lógico Aqua filtration 17" cartridge

## Double head for filtering sets



Modular filtration system for applications in the Horeca and residential markets.

Operation in-line, in parallel or combined 1+2.

Suitable for Lógico Aqua activated carbon, polypropylene and 8 ", 12" and 17" ultrafiltration filters.

Code	Packaging units	Description
980354	1	Double in-line Lógico Aqua head
980356	1	Double in parallel Lógico Aqua head

## Triple head for filtering sets



Modular filtration system for applications in the Horeca and residential markets.

Operation in-line, in parallel or combined 1+2.

Suitable for Lógico Aqua activated carbon, polypropylene and 8 ", 12" and 17" ultrafiltration filters.

Code	Packaging units	Description
980355	1	Triple in-line Lógico Aqua head
980358	1	Triple in parallel Lógico Aqua head
980360	1	Triple Lógico Aqua head, combined 1+2

## FT-Line 2

Two FT filters with 5 µm polypropylene filtration and GAC activated carbon + assembly kit and sink faucet.



Components



Suitable for domestic use and the catering sector.

### Composition:

- FT-82 5 µm filter.
- FT-83 carbon filter.
- 2 FT caps.
- Bracket.
- Sink faucet: Oslo model.
- 3/8" valve. Inlet connector 3/8"-3/8"-1/4".
- 3/8" tube set.
- 1 LPM flow restrictor.
- Fixing screws included.

### Specifications:

- Box dimensions: 375 x 360 x 125 mm.
- Weight: 2500 g.
- Max. pressure: 125 PSI / 8,6 bar.
- Max. flow.: 0,5 GPM / 1,9 LPM.
- Service life: 2000 GAL / 7560 l.
- Max. temperature: 100 °F / 38 °C.
- Min. temperature: 35 °F / 2 °C.

Code	Packaging units	Description
795451	1	Filtration module FT-Line 2

## FT-Line 3

Two FT filters and an ultrafiltration membrane + assembly kit and sink faucet.



Components



Suitable for domestic use.

### Composition:

- FT-82 5 µm filter.
- FT-83 carbon filter.
- FT-91 ultraFiltration.
- 3 FT Caps.
- Bracket.
- Sink faucet: Oslo model.
- 3/8" valve. Inlet connector. 3/8" tube set.
- 1 LPM flow restrictor. Fixing screws included.

### Specifications:

- Box dimensions: 405 x 425 x 130 mm.
- Weight: 3300 g.
- Max. pressure: 58 PSI / 4 bar.
- Max. flow.: 0,25 GPM / 1 LPM.
- Service life: 2000 GAL / 7560 l.
- Max. temperature: 100 °F / 38 °C.
- Min. temperature: 35 °F / 2 °C.

Code	Packaging units	Description
795450	1	FT-Line 3

## FT-Line 85

FT cation resin filter for water softening.

Suitable for vending use and the catering sector, in order to protect coffee-makers and hot water equipment.

### Composition:

- FT-85 cation resin filter.
- FT cap.
- Bracket.
- 2 x 3/8" quick-connectors.
- 0.5 LPM flow restrictor.
- Fixing screws included.

### Specifications:

- Box dimensions: 210 x 365 x 100 mm.
- Weight: 1200 gr.
- Max. pressure: 125 PSI / 8.6 bar.
- Max. flow: 0.150 GPM / 0.5 LPM.
- Service life: 160 GAL / 600 L. A 10 °HF.
- Max. temperature: 100 °F / 38 °C.
- Min. temperature: 35 °F / 2 °C.



Code	Packaging units	Description
795550	1	FT-Line 85



FT Line BASIC  
210 x 365 x 100  
mm **795554**  
**795556** **795558**  
**795550** **795557**



FT Line 1  
380 x 300 x 125 mm  
**795454**



FT Line 2  
375 x 360 x 125 mm  
**795451**



FT Line 3  
405 x 425 x 130 mm  
**795450**



FT Line PRE  
275 x 385 x 125 mm  
**795452**



## Spare Parts for FT Filters



Components

(Depending on model).



Code	Packaging units	Model	Dimensions l ø	Description	Specifications
545950	25	FT-82	9,5" 2,5"	5 µm polypropylene cartridge	Weight: 300 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 1 GPM / 3,78 LPM Service life: 1 year / 3000 GAL / 11340 l



Code	Packaging units	Model	Dimensions l ø	Description	Specifications
546750	25	FT-83	9,5" 2,5"	GAC activated carbon cartridge. Contains NSF carbon	Weight: 450 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 0,5 GPM / 1,9 LPM Service life: 1 year / 2000 GAL / 7560 l



Code	Packaging units	Model	Dimensions l ø	Description	Specifications
790350	25	FT-87	9,5" 2,5"	pH regulating cartridge and remineralizer	Weight: 700 gr. Max. pressure: 125 PSI / 8.6 bar Max. flow: 0.25 GPM / 1 LPM Service life: 1 year / 2600 GAL / 10000 L



Code	Packaging units	Model	Dimensions l ø	Description	Specifications
547551	25	FT-88	9,5" 2,5"	Silver activated carbon post-carbon cartridge. Bacteriostatic	Weight: 750 gr. Max. pressure: 125 PSI / 8.6 bar Max. flow: 0.25 GPM / 1 LPM Service life: 2600 GAL / 10000 L



Code	Packaging units	Model	Dimensions l ø	Description	Specifications
547552	25	FT-91	9,5" 2,5"	Ultrafiltration cartridge	Weight: 450 g Max. pressure: 58 PSI / 4 bar Max. flow.: 0,3 GPM / 1 LPM Service life: depending on water characteristics

## Spare Parts for FT Filters



Components



(Depending on model).



Code	Packaging units	Model	Dimensions      ø	Description	Specifications
790353	25	FT-92	9,5" 2,5"	Block activated carbon cartridge.	Weight: 500 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 1 GPM / 3,9 LPM Service life: 1 year / 1500 GAL / 5670 l



Code	Packaging units	Model	Dimensions      ø	Description	Specifications
790352	25	FT-85	9,5" 2,5"	Cation resin cartridge for water softening	Weight: 600 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 0,150 GPM / 0,5 LPM Service life: 100 GAL / 600 l at 10 °HF



Code	Packaging units	Model	Dimensions      ø	Description	Specifications
790351	25	FT-89	9,5" 2,5"	Mixed bed resin cartridge for demineralization	Weight: 500 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 0,15 GPM / 0,5 LPM Service life: 600 GAL / 2000 l at 5ppm de TDS



Code	Packaging units	Model	Dimensions      ø	Description	Specifications
547554	25	FT-90	9,5" 2,5"	Carbon GAC + Polyphosphates	Weight: 460 gr. Max. pressure: 125 PSI / 8.6 bar Max. flow: 0.25 GPM / 1 LPM Service life: 2600 GAL / 10000 L



Code	Packaging units	Model	Dimensions      ø	Description	Specifications
547550	25	FT-86	9,5" 2,5"	Activated carbon post-carbon cartridge. Contains NSF carbon	Weight: 500 g Max. pressure: 125 PSI / 8,6 bar Max. flow.: 0,5 GPM / 1,9 LPM Service life: 1 year / 1500 GAL / 5670 l

## Spare Parts for Ft Filters



Code	Packaging units	Dimensions mm.	Description
749602	1	100x75	Wall bracket for 1 Ft filter



Code	Packaging units	Dimensions mm.	Description
749603	1	200x75	Wall bracket for 2 FT filters



Code	Packaging units	Dimensions mm.	Description
749604	1	290x75	Wall bracket for 3 FT filters

## Spare Parts for Ft Filters



Code	Packaging units	Description
752900	1	Flow restrictor 0,3 LPM insert type. Tube 3/8"
752902	1	Flow restrictor 1,0 LPM insert type. Tube 3/8"
752904	1	Flow restrictor 3,0 LPM insert type. Tube 3/8"



Code	Packaging units	Description
749650	1	Cap for FT filter with F thread connection 1/4"





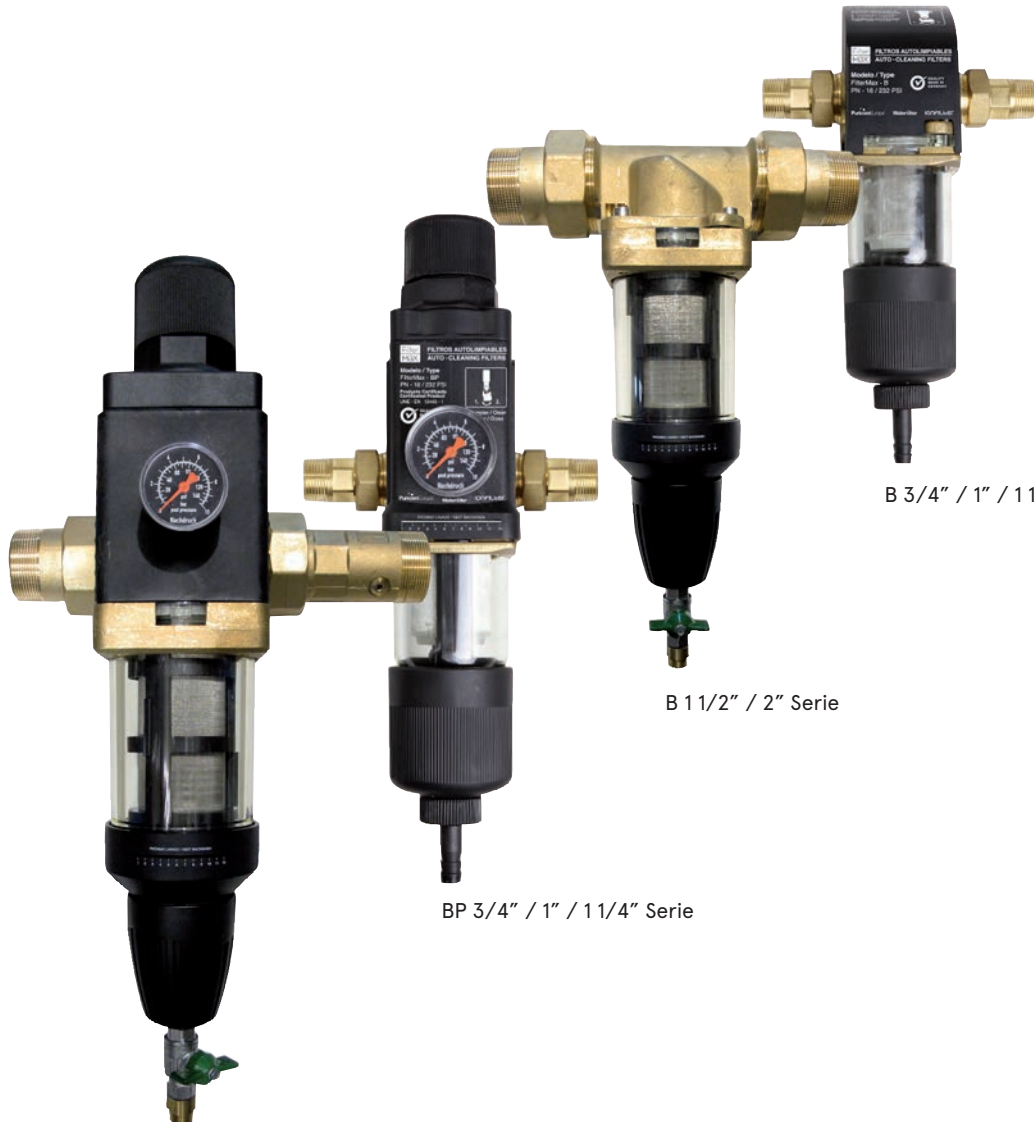
SELF-CLEANING FILTERS FOR WATER FILTERING.  
 STAINLESS STEEL MESH.  
 HIGH WATER FLOW AND LOW PRESSURE DROP.  
 INDICATOR OF FREQUENCY OF WASHES.  
 WHOLE PROTECTION FROM THE IMPURITIES.  
 2 MEASUREMENT RANGES.



2 measurement ranges.

100 microns: For applications that require a higher water quality or when the water does not have a high turbidity. Ideal for municipal water treatment, pre filter for softeners, etc...

320 microns: to remove bigger particles like sand and bigger solid material. Ideal as pre treatment for a lower microns turbidity system.



B 3/4" / 1" / 1 1/4" Serie

B 1 1/2" / 2" Serie

BP 3/4" / 1" / 1 1/4" Serie

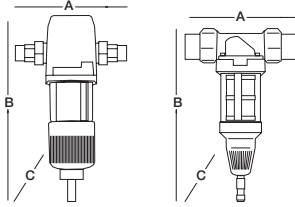
BP 1 1/2" / 2" Serie

## Filtermax B-100 - Conform to standard UNE-EN 13443-1

Filter equipped with a self-cleaning system, made of sturdy brass, and including a stainless steel mesh and a heavy duty clear plastic cup.



Filter  
Max



Code	A	B	C
723679	180	300	80
723680	195	300	80
723681	230	300	80
723682	305	300	80
723683	335	300	80 mm

### Specifications:

PN-16. According to **UNE-EN 13443-1**.

Min. pressure: 1,5 bar.

Max. pressure: 10 bar.

Min. temperature: 4 °C.

Max. temperature: 30 °C.

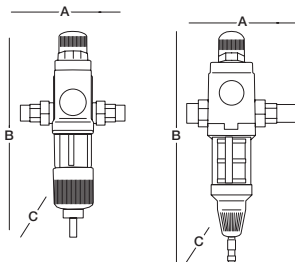
Code	Packaging units	Description	Connection	Drain flow	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723679	1	FilterMax B 3/4"	3/4"	0,5	3,3	100
723680	1	FilterMax B 1"	1"	0,5	4,5	100
723681	1	FilterMax B 1 1/4"	1 1/4"	0,5	5,5	100
723682	1	FilterMax B 1 1/2"	1 1/2"	0,5	13	100
723683	1	FilterMax B 2"	2"	0,5	17	100

## Filtermax BP-100 Conform to standard UNE-EN 13443-1

Filter equipped with a self-cleaning system, with pressure regulator, made of sturdy brass, including a stainless steel mesh and a heavy duty clear plastic cup.



Filter  
Max



Code	A	B	C
723684	180	429	160
723685	195	429	160
723686	230	429	160
723687	305	429	160
723688	335	429	160 mm

Modular vertical-Horizontal installation connection included.

### Specifications:

PN-16. According to **UNE-EN 13443-1**.

Min pressure: 1,5 bar.

Max. pressure: 10 bar.

Min. temperature: 4 °C.

Max. temperature: 30 °C.

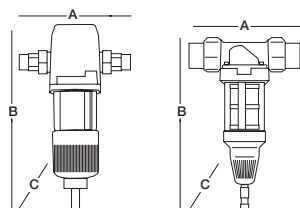
Code	Packaging units	Description	Connection	Drain flow	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723684	1	FilterMax BP 3/4"	3/4"	0,5	3,3	100
723685	1	FilterMax BP 1"	1"	0,5	4,5	100
723686	1	FilterMax BP 1 1/4"	1 1/4"	0,5	5,5	100
723687	1	FilterMax BP 1 1/2"	1 1/2"	0,5	13	100
723688	1	FilterMax BP 2"	2"	0,5	17	100

### Replacements for Filtermax 100

Code	Packaging units	Description
723677	1	Washable mesh 100m filtermax - B/BP 3/4" - 1 1/4" stainless steel
723676	1	Washable mesh 100m filtermax - B/BP 1 1/2"-2" stainless steel

## Filtermax B-320

Filter equipped with a self-cleaning system, made of sturdy brass, and including a stainless steel mesh and a heavy duty clear plastic cup.



Code	A	B	C
723625	180	300	80
723626	195	300	80
723627	230	300	80
723628	305	300	80
723629	335	300	80 mm

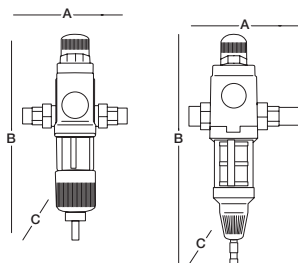
### Specifications:

PN-16.  
 Min. pressure: 1,5 bar.  
 Max. pressure: 10 bar.  
 Min. temperature: 4 °C.  
 Max. temperature: 30 °C.

Code	Packaging units	Description	Connection	Drain flow	Nominal flow m <sup>3</sup> /h (Δ P 0,2 bar)	Filtering mesh μm
723625	1	FilterMax B 3/4"	3/4"	0,5	3,3	320
723626	1	FilterMax B 1"	1"	0,5	4,5	320
723627	1	FilterMax B 1 1/4"	1 1/4"	0,5	5,5	320
723628	1	FilterMax B 1 1/2"	1 1/2"	0,5	13	320
723629	1	FilterMax B 2"	2"	0,5	17	320

## Filtermax BP-320

Filter equipped with a self-cleaning system, with pressure regulator, made of sturdy brass, including a stainless steel mesh and a heavy duty clear plastic cup.



Code	A	B	C
723630	180	429	160
723631	195	429	160
723632	230	429	160
723633	305	429	160
723634	335	429	160 mm

It integrates a vertical/horizontal modular connection to make the installation easier.

### Specifications:

PN-16.  
 Min pressure: 1,5 bar.  
 Max. pressure: 10 bar.  
 Min. temperature: 4 °C.  
 Max. temperature: 30 °C.

Code	Packaging units	Description	Connection	Drain flow	Nominal flow m <sup>3</sup> /h (Δ P 0,2 bar)	Filtering mesh μm
723630	1	FilterMax BP 3/4"	3/4"	0,5	3,3	320
723631	1	FilterMax BP 1"	1"	0,5	4,5	320
723632	1	FilterMax BP 1 1/4"	1 1/4"	0,5	5,5	320
723633	1	FilterMax BP 1 1/2"	1 1/2"	0,5	13	320
723634	1	FilterMax BP 2"	2"	0,5	17	320

### Replacements for Filtermax 320

Code	Packaging units	Description
723678	1	Washable mesh 320m filtermax - B/BP 3/4" - 1 1/4" stainless steel
723650	1	Washable mesh 320m filtermax - B/BP 1 1/2"-2" stainless steel



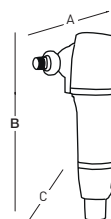
## Kinetico Prefilters

- Protect your domestic system against substances like rust particles, grains of sand and other deposits.
- High quality brass head brings high-end and solid appearance, durable in use.
- Filter housing is made from reinforced material using the special formula, capable of withstanding freezing test at -30°C without a burst housing.
- Pressure of burst test is higher than 50 bars, cycle test is more than 150,000 times operated at 12 bars.
- Transparent filter housing keeps the filtering status visible.
- No follow-up costs for filter replacement and maintenance.
- Environmental brass forged connections, safe to use.
- Modular vertical-Horiztional installation connection included.



Contaminants can damage your entire drinking water installation and cause Leaks from blocked valves, clog nozzle, shower and spool and bring hidden perils in water-contacted appliances, Burst pipes caused by pitting corrosion.

## Kinetico Prefilters Serie B/BP/BPT



Code	A	B	C
723689	155	290	140
723690	160	310	170
723692	200	360	185
723691	220	390	160
723693	230	440	210 mm

### KF-B 3/4"

Filter equipped with a self-cleaning system and a manometer.



Code	Packaging units	Connection without adaptor	Connection with adaptor	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723689	1	1"	3/4"	3	90

### KF-B 1"

Filter equipped with a self-cleaning system and a manometer.



Code	Packaging units	Connection without adaptor	Connection with adaptor	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723690	1	1"	3/4"	4	90

### KF-BP 1"

Filter equipped with a self-cleaning system, manometer and pressure regulator.



Code	Packaging units	Connection without adaptor	Connection with adaptor	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723692	1	1"	3/4"	4	90

### KF-B 1 1/4"

Filter equipped with a self-cleaning system and a manometer.



Code	Packaging units	Connection without adaptor	Connection with adaptor	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723691	1	1 1/4"	1"	8	90

### KF-BPT 1 1/4"

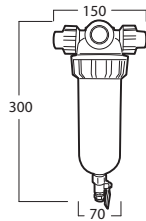
Filter equipped with a scheduled automatic self cleaning system, manometer and pressure regulator.



Code	Packaging units	Connection without adaptor	Connection with adaptor	Nominal flow m <sup>3</sup> /h (Δ P 0,4 bar)	Filtering mesh μm
723693	1	1 1/4"	1"	8	90

## Filtermax Basic

Manual washable filter with stainless steel filtering mesh (40 µm).  
Installation system designed for an horizontal tube. Manual blow-off valve at the bottom.



**Inlet pressure gauge included. Plastic support and accessories for wall mounting. Housing wrench. It includes an indicator to show the last month it was cleaned.**

**Specifications:**

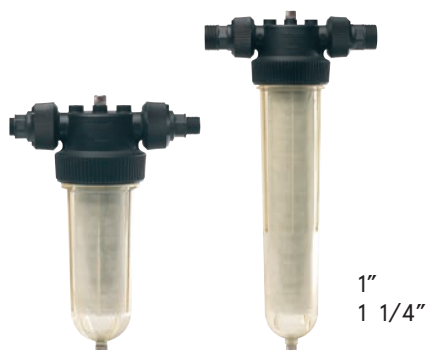
- Connections: Inlet/outlet M 3/4".
- Max. temperature.: 40 °C.
- Min. temperature.: 1 °C.
- Min. pressure: 1 bar.
- Max. pressure: 10 bar.
- Max. flow.: 4200 lph.

Code	Packaging units	Model	Connection	Max. flow m <sup>3</sup> /h	Pressure max. bar
723619	1	FilterMax	3/4"	4,2	10
723620	1	FilterMax 40 µm cartridge			



## Domestic cintropur filtration

It includes a 3/P union, opening wrench and a 25 µm mesh.



Code	Packaging units	Model	Connection	Flow (25 µm mesh) m <sup>3</sup> /h	Flow (100 µm mesh) m <sup>3</sup> /h	Max. pressure bar
190900	1	NW-25	1"	5,5	6	10
191000	1	NW-32	1 1/4"	6,5	7,5	10

## Industrial Cintropur filtration

It includes two pressure gauges, drain valve and 25 µm mesh.



Code	Packaging units	Model	Connection	Flow (25 µm mesh) m <sup>3</sup> /h	Flow (100 µm mesh) m <sup>3</sup> /h	Max. pressure bar
191101	1	NW-500	2"	18	25	16
191201	1	NW-650	2 1/2" - flange	25	35	16
191301	1	NW-800	3" - flange	32	40	16

## Nylon meshes for Cintropur filters

High quality nylon mesh.



Code	Packaging units	Filtering mesh $\mu\text{m}$	Filter model	Material
192900	1 (5 meshes)	150	NW-25	Nylon
193600	1 (5 meshes)	150	NW-32	Nylon
194200	1 (5 meshes)	150	NW-500-650-800	Nylon
194300	1 (5 meshes)	300	NW-500-650-800	Nylon

## Polyester mesh for Cintropur filters

High-quality filtering materials made with non-fabric polyester.



Code	Packaging units	Filtering mesh $\mu\text{m}$	Filter model	Material
192200	1 (5 meshes)	50	NW-18	Polyester fiberglass
192300	1 (5 meshes)	100	NW-18	Polyester fiberglass
192600	1 (5 meshes)	25	NW-25	Polyester fiberglass
192700	1 (5 meshes)	50	NW-25	Polyester fiberglass
193300	1 (5 meshes)	25	NW-32	Polyester fiberglass
193400	1 (5 meshes)	50	NW-32	Polyester fiberglass
193500	1 (5 meshes)	100	NW-32	Polyester fiberglass
193900	1 (5 meshes)	25	NW-500-650-800	Polyester fiberglass
194000	1 (5 meshes)	50	NW-500-650-800	Polyester fiberglass
194100	1 (5 meshes)	100	NW-500-650-800	Polyester fiberglass

## Cintropur replacement parts 500 / 650 / 800

Code	Packaging units	Filter model	Description
196601	1	500-650-800	Cintropur centrifugal propeller 500-650-800
197001	1	500-650-800	Cintropur mesh PVC holder PVC 500-650-800
718501	1	500-650-800	Cintropur cap for mesh PVC holder



Code	Packaging units	Filter model	Description
195500	1	NW-18-25-32	PE wall fixing square bracket
195701	1	NW-500-650-800	Wall fixing square bracket

## Replacement parts for Cintropur filters



### Model NW-18-25-32

Code	Packaging units	Filter model	Material
196500	1	NW-18-25-32	Centrifugal propeller
196700	1	NW-18	PVC mesh holder
196800	1	NW-25	PVC mesh holder
196900	1	NW-32	PVC mesh holder
197400	1	NW-18-25-32	O-ring fitting
197600	1	NW-18	Transparent vessel
197700	1	NW-25	Transparent vessel
197800	1	NW-32	Transparent vessel
198300	1	NW-18-25-32	Ball valve
726800	1	NW-18-25-32	Lower cap for mesh holder

### Model NW-50-62-75

Code	Packaging units	Filter model	Material
196600	1	NW-50-62-75	Centrifugal propeller
197000	1	NW-50-62-75	PVC mesh holder
197500	1	NW-50-62-75	O-ring fitting
718500	1	NW-50-62-75	Stainless steel clamp

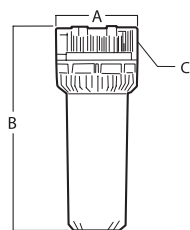


### 3-piece housings

Polypropylene cap and cup. Brass reinforced thread. SAN cup. Manual air purge.



Components



Code	A	B	C
198600	130	186	1/2"
198803	130	318	3/4"
198903	145	322	1"
199202	133	570	3/4"
199203	145	580	1"

#### Specifications:

Max. pressure: 8 bar.  
 Burst pressure: 32 bar.  
 Temperature: de 4° a 45 °C.



Code	Packaging units	Height	Connection
198600	24	5"	1/2" F - Brass



Code	Packaging units	Height	Connection
198803	12	9 3/4"	3/4" F - Brass
198903	12	9 3/4"	1" F - Brass



Code	Packaging units	Height	Connection
199202	6	20"	3/4" F - Brass
199203	6	20"	1" F - Brass

Can be supplied in an opaque cup.

## Filtration kit

Filtration kit with bracket, 3P housing, wrench and 50 µm string wound cartridge.



Components



Code	Packaging units	Height	Connection
795601	12	9 3/4"	3/4" F - Brass
795600	12	9 3/4"	1" F - Brass

## Spare parts and accessories for 3-piece

5", 10" and 20" cartridge housings.



Code	Packaging units	Description
199403	1	Simple bracket
199500	1	Double bracket
199505	1	Triple bracket



Code	Packaging units	Description
199601	1	Plastic wrench



Code	Packaging units	Description
199701	1	O-ring for 3-piece housing



Code	Packaging units	Description
199900	1	Transparent cup 9 3/4"
200000	1	Transparent cup 20"

## Anti-scalant dosing device Minipol / Dosafos model

Protects washing machines and dishwashers against lime by preventing scaling.  
Easy and practical installation.



### Maintenance:

Polyphosphate media dissolves progressively; refill when empty.  
Refilling must be carried out by an authorised technical service (TAS).

### Specifications:

PP loaded cap.  
VAN cup.  
Max. pressure: 8 bar.  
Temperatures from 0 °C to 30 °C.

Code	Packaging units	Model	Polyphosphate load gr.	Height mm.	Width mm.	Connection
573100	1	Minipol	150	140	62	3/4"-M-F
WH0146	1	Dosafos	265	176	94	1/2"-F-F

## Washable made of plastic for 3-pieces and 2-pieces housings



Components



### Specifications:

Filtering media: PA (Nylon).  
External cage: polypropylene.  
End caps: DOE-PP.  
Joint: PVC.  
Internal diameter: 27 mm or 40 mm (depending on the model).  
External diameter: 65 mm.  
Efficiency: 80 %.  
Max. pressure: 6 bar.  
Max. differential pressure: 0.8 bar / 80 kpa.  
Max. temperature: 80 °C / 176 °F.

Code	Packaging units	Description	Height	Filtration µm	Flow l/h
212500	50	Cartridge washable 1"	9 3/4"	80	3500

## Pleated polyester for 3-pieces and 2-pieces cartridge housings

Pleated polyester cartridge. High chemical resistance.  
Central tube made of perforated rigid polyethylene.



Components



### Specifications:

Filtering media: non-woven polyester fabric.  
Core: polypropylene.  
End caps: Plastisol vinyl.  
Internal diameter: 28 mm.  
External diameter: 68 mm.  
Max. pressure: 6 bar.  
Max. differential pressure: 0.8 bar / 80 kpa.  
Max. temperature: 80 °C / 176 °F.



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
211300	25	Pleated cartridge 9 3/4" 1M	9 3/4"	1	680
211400	25	Pleated cartridge 9 3/4" 5M	9 3/4"	5	1360
211500	25	Pleated cartridge 9 3/4" 50M	9 3/4"	50	2270



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
211700	25	Pleated cartridge 20" 1M	20"	1	1360
211800	25	Pleated cartridge 20" 5M	20"	5	2720
211900	25	Pleated cartridge 20" 50M	20"	50	3630



# Wound polypropylene for 3-pieces and 2-pieces housings

String wound polypropylene cartridge.



Components

### Specifications:

Filtering media: wound polypropylene thread.

Core: polypropylene.

Internal diameter: 28 m.

External diameter: 63 mm.

Efficiency: 80 %.

Max. pressure: 6 bar.

Max. differential pressure: 0.8 bar / 80 kpa.

Max. temperature: 80 °C / 176 °F.



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
206800	12	Wound cartridge 5" 5M	5"	5	400
206900	12	Wound cartridge 5" 20M	5"	20	850
207000	12	Wound cartridge 5" 50M	5"	50	950



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
207100	25	Wound cartridge 9 3/4" 1M	9 3/4"	1	300
207200	25	Wound cartridge 9 3/4" 5M	9 3/4"	5	800
207400	25	Wound cartridge 9 3/4" 20M	9 3/4"	20	1700
207500	25	Wound cartridge 9 3/4" 50M	9 3/4"	50	1900
207600	25	Wound cartridge 9 3/4" 100M	9 3/4"	100	2000



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
207700	25	Wound cartridge 20 1M	20"	1	600
207800	25	Wound cartridge 20 5M	20"	5	1600
208000	25	Wound cartridge 20 20M	20"	20	2500
208100	25	Wound cartridge 20 50M	20"	50	3500
208200	25	Wound cartridge 20 100M	20"	100	3600

**!** Maximum flow at 20 °C and a differential pressure of 0.15 bar.

## Melt blown polypropylene for 3-pieces and 2-pieces cartridge housings



Components



### Specifications:

Filtering media: melt blown polypropylene.  
 Internal diameter: 28 mm.  
 External diameter: 64 mm.  
 Efficiency: 95 %.  
 Max. pressure: 6 bar.  
 Max. differential pressure: 5 bar / 500 kpa at 21 °C.  
 Max. recommended differential pressure: 2.5 bar / 250 kpa.  
 Max. temperature: 65 °C / 149 °F.

Code	Packaging units	Description	Height	Filtration µm	Flow l/h
209100	25	Melt blown PP 9 3/4" 1M	9 3/4"	1	800
209200	25	Melt blown PP 9 3/4" 5M	9 3/4"	5	1500
209300	25	Melt blown PP 9 3/4" 10M	9 3/4"	10	2000
209400	25	Melt blown PP 9 3/4" 20M	9 3/4"	20	2500
209500	25	Melt blown PP 9 3/4" 50M	9 3/4"	50	2600

Code	Packaging units	Description	Height	Filtration µm	Flow l/h
209600	25	Melt blown PP 20" 1M	20"	1	1400
209800	25	Melt blown PP 20" 5M	20"	5	2700
209900	25	Melt blown PP 20" 20M	20"	20	4500
210000	25	Melt blown PP 20" 50M	20"	50	4600

Code	Packaging units	Description	Height	Filtration µm	Flow l/h
658000	25	Melt blown PP 30" 1M	30"	1	2100
210200	25	Melt blown PP 30" 5M	30"	5	4050
658001	25	Melt blown PP 30" 20M	30"	20	6750
658002	25	Melt blown PP 30" 50M	30"	50	6900

Code	Packaging units	Description	Height	Filtration µm	Flow l/h
658003	25	Melt blown PP 40" 1M	40"	1	2800
658004	25	Melt blown PP 40" 5M	40"	5	5400
658005	25	Melt blown PP 40" 20M	40"	20	9000
658006	25	Melt blown PP 40" 50M	40"	50	9200

## For 3-pieces cartridge housings

Transparent container to be refilled with different filtering materials.

### Specifications:

Max. temperature: 50 °C.  
 Container and caps made of SAN.  
 Joints made of PE.  
 Sponge made of polyurethane.  
 Capacity of the container: 0.6 L.



Code	Packaging units	Description	Height
213000	1	Container	9 3/4"



Code	Packaging units	Description	Height
213100	1	Activated carbon container	9 3/4"



Code	Packaging units	Description	Height
213200	1	Polyphosphate container	9 3/4"
763500	1	Silico-polyphosphate container	9 3/4"

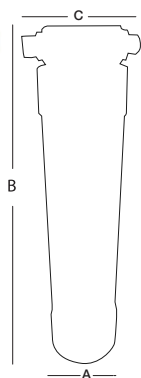


Code	Packaging units	Description	Height
213300	1	Nitrates anion resin container	9 3/4"
213400	1	Cation resin container	9 3/4"
213500	1	Mixed bed resin container	9 3/4"



Code	Packaging units	Description	Height
768600	1	pH regulator calcite container	9 3/4"

## Manual resin filter



Code	A	B	C
719708	127	570	160
719710	155	520	160
719711	155	520	160

### Specifications:

Maximum pressure: 125 psi/ 8 Bars.

### Specifications of loads:

Mix bed resin: 3,8 liters.  
 40% cationic – 60% anionic.  
 Cationic resin: 5 liters.  
 Granulated active carbon: 5 liters.

Code	Packaging units	Description	Connection Inlet/outlet	Max. flow
719708	1	Mix bed filter	Male screw M 3/4"	2,5 l/min.
719710	1	Cationic resin filter	Male screw M 3/4"	2,5 l/min.
719711	1	Carbon filter	Male screw M 3/4"	2,5 l/min.

## Melt blown polypropylene for Big Blue



Components

### Specifications:

Filtering media: melt blown polypropylene.  
 Internal diameter: 28 mm.  
 External diameter: 100 mm.  
 Efficiency: 95 %.  
 Max. pressure: 6 bar.  
 Max. differential pressure: 0.8 bar / 80 kpa.  
 Max. temperature: 80 °C / 176 °F.



Code	Packaging units	Material	Height	Filtration	Flow l/h
210900	10	Melt blown PP	9 3/4"	5	800
211000	10	Melt blown PP	9 3/4"	50	1900
211100	10	Melt blown PP	20"	5	1600
211200	10	Melt blown PP	20"	50	2600

## Carbon Block for Big Blue



Components

### Specifications:

Filtering media: extruded activated carbon.  
 End caps and housing: polypropylene.  
 Net: polypropylene.  
 Internal diameter: 28 mm.  
 External diameter: 112 mm.  
 Max. pressure: 7.5 bar.  
 Max. temperature: 60 °C / 140 °F.



Code	Packaging units	Material	Height	Filtration µm	Flow l/h
214200	6	Carbón BLOCK	9 3/4"	10	250



Code	Packaging units	Material	Height	Filtration µm	Flow l/h
214300	6	Carbón BLOCK	20"	10	500

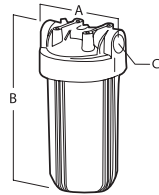


# Big Blue for 9 3/4" 20" cartridges and accessories

Big surface filter designed as an ultraviolet and reverse osmosis pre-treatment, or as general filtration.



Components



Code	A	B	C
204403	185	340	1"
204602	185	600	1"

### Specifications:

Cap made of black polypropylene.  
 Opaque cup made of blue polypropylene.  
 Max. working pressure: 8 bar.  
 Max. burst pressure: 35 bar.  
 Working temperature: 0 °C - 50 °C.  
 O-ring in NBR 70 SH.



Code	Packaging units	Height	Connection	Cap color	Cup color
204403	1	9 3/4"	1" F	Black	Blue



Code	Packaging units	Height	Connection	Cap color	Cup color
204602	1	20"	1" F	Black	Blue
204701	1	20"	1 1/2" F	Black	Blue



Code	Packaging units	Description
204405	1	Plastic wrench for BIG BLUE



Code	Packaging units	Description
204408	1	Simple metallic bracket for a BIG BLUE housing

## Pleated polyester for Big



Components

### Specifications:

Filtering media: non-woven polyester fabric.

Core: polypropylene.

End caps: Plastisol vinyl.

Internal diameter: 28 mm.

External diameter: 112 mm.

Max. pressure: 6 bar.

Max. differential pressure: 0.8 bar / 80 kpa.

Max. temperature: 80 °C / 176 °F.



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
212000	10	Pleated cartridge 9 3/4" 5M	9 3/4"	5	1360
212100	10	Pleated cartridge 9 3/4" 50M	9 3/4"	50	2270



Code	Packaging units	Description	Height	Filtration µm	Flow l/h
212200	10	Pleated cartridge 20" 5M	20"	5	2720
212300	10	Pleated cartridge 20" 50M	20"	50	3630

## Carbon GAC for Big



Components

### Specifications:

Filtering media: granular activated carbon.

End caps and housing: polypropylene.

Flat joint: PVC.

Internal diameter: 27 mm.

External diameter: 115 mm.

Max. pressure: 6 bar.

Max. temperature: 60 °C / 140 °F.



Code	Packaging units	Material	Height	Mesh	Filtration	Flow l/h
213800	6	Carbón GAC	9 3/4"	8x24	Carbón GAC	480



Code	Packaging units	Material	Height	Mesh	Filtration	Flow l/h
213903	6	Carbón GAC	20"	8x24	Carbón GAC	840

## Multi-valve industrial filters

Complete range of commercial and industrial filters.

Vessels made of PRFV , internal distributors in polypropylene.

### Manual systems:

5-ball valve or wing nut battery made of PVC or Noryl.

### Automatic filters:

Automatic diaphragm 5-valve batter made of PVC or Noryl.

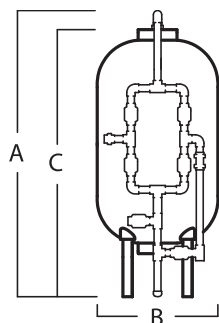
Electronic chronometric programmer.

### Specifications:

Working pressure: 2-6 bar.

Working temperature: 4-35 °C

Vessel size	Filtration area	Total volume in liters	Flow (m <sup>3</sup> /h) speed in (m/h)					Diameter connection mm	Manual Code	Automatic Code
			10	15	20	30	40			
21x62	0,25	330	2,5	3,8	5,0	7,5	9,8	50	203018	203026
24x72	0,30	494	3,0	4,5	6,0	9,0	12,0	63	203019	203027
30x72	0,48	728	4,8	7,2	9,6	14,3	19,1	75	203020	203028
36x72	0,68	1020	6,8	10,2	13,6	20,4	27,2	75	203021	203029
42x72	0,97	1580	9,7	14,6	19,4	29,0	38,7	90	203022	203030
48x72	1,19	1918	11,9	17,9	23,8	35,6	47,5	110	203023	203031
58x72	1,77	2720	17,7	26,6	35,3	53,0	70,7	110	203024	203032
63x67	2,01	3092	20,1	30,2	40,1	60,2	80,2	110	203025	203033



Bottle	A	B	C
21x62	2156	559	1906
24x72	2396	618	2146
30x72	2373	780	2123
36x72	2384	930	2134
42x72	2650	1110	2400
48x72	2560	1230	2310
58x72	2670	1500	2420
63x67	2275	1598	2025 mm



**Applications:**

For diverse applications depending on the requested treatment. Strongly recommended to respect the speeds and washing flows/pressures of each model.

**DUAL filter**

Turbidity reduction filter. Filtration charge made of Silex with different sizes and Hydroanthracite.

**Active carbon filter**

Reduction of free chlorine and absorption of organic substances.

**Zeolites filter**

Reduction of turbidity. Filtration charge made of different sizes of Zeolites.

**Iron removal filter**

Iron and manganese reduction. Filtration charge made of Silex, katalox light and zeolites.

Type of filter	Working speed	Backwash speed
Dual filter	10-15 m/h	40 m/h
Carbon filter	15-20 m/h	30 m/h
Zeolites filter	30-50 m/h	30 m/h
Iron removal* filter	10-15 m/h	40 m/h

\*Depending on the amount of Iron and manganese as well as the PH, the speed of the water might vary. Please ask our engineering department for each concrete case.

**Recommended filtration charges:**

Vessel size	Dual filter				Carbon filter		Zeolites filter			Iron removal filter	
	Gravel 2-4mm (309000) kg	Gravel 1,3-2,5mm (308900) kg	Silex 0,3-0,8mm (308500) kg	Anthracite 1,3-2,5mm (308400) kg	Carbon (308200) kg	l	Zeolite 2-5 mm (308602) kg	Zeolite 1-2 mm (308601) kg	Zeolite 0,5-1 mm (308600) kg	Zeolite 2-5 mm (308602) kg	Katalox light (717601) kg
21x62	50	50	125	32	100	200	15	35	135	20	219
24x72	50	50	250	60	150	300	21	45	189	30	330
30x72	125	75	275	100	200	400	25	45	312	60	460
36x72	150	100	400	150	300	600	42	98	388	95	630
42x72	250	150	550	200	450	900	70	135	610	155	960
48x72	375	200	675	300	575	1150	105	173	709	235	1110
58x72	630	250	875	400	800	1600	189	255	796	430	1445
63x67	850	275	950	450	925	1850	231	225	683	530	1590





## 2. Domestic softener

Ergo water softener

Stratos water softener

Minder water softener

Denver plus water softener

Denver plus blue water softener

Watermark water softener

Rider water softener

## COMPARISON OF DIFFERENT SOFTENERS



Hardness



40 °HF

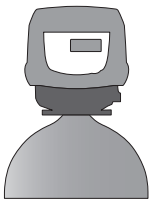


40 °HF

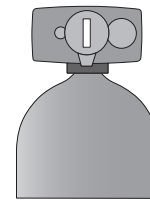


40 °HF

Softener

ANOTHER  
BRAND

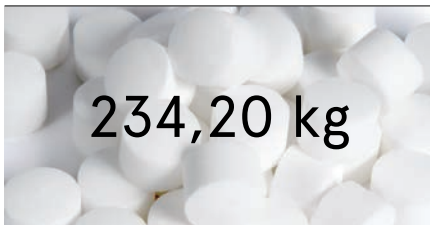
Puricom

ANOTHER  
BRAND

Water consumption per year

170 m<sup>3</sup>170 m<sup>3</sup>170 m<sup>3</sup>

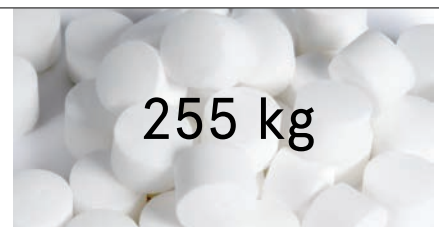
Salt consumption per year



234,20 kg



90 kg

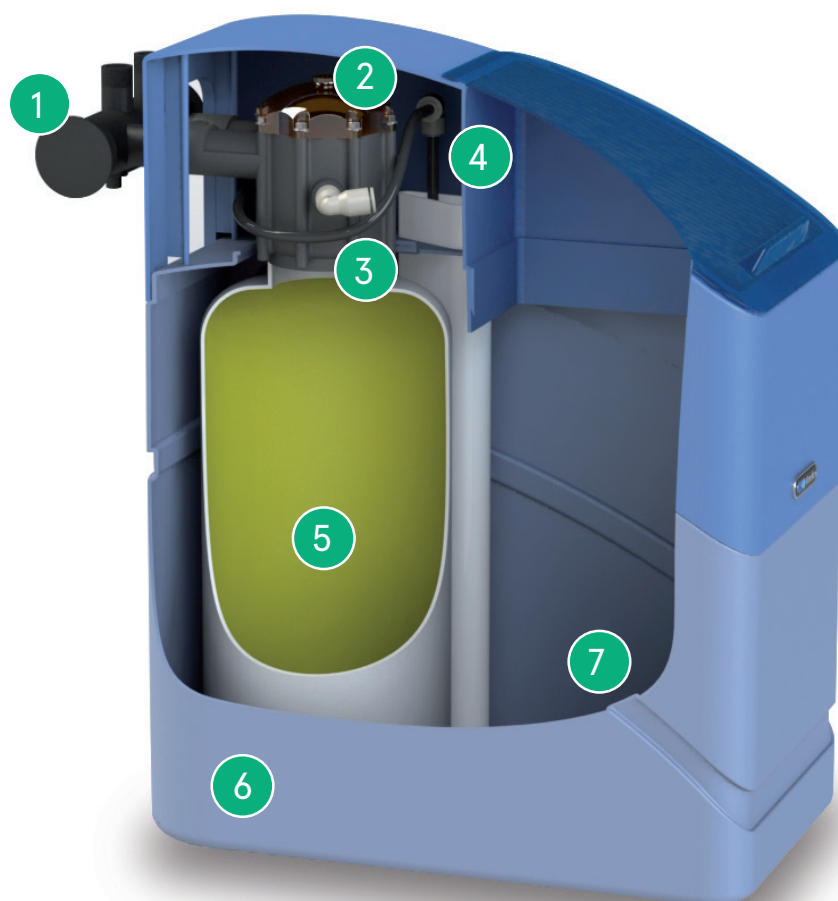


255 kg

Water consumption per regeneration/Year

13,8 m<sup>3</sup>5,3 m<sup>3</sup>16,2 m<sup>3</sup>

## ERGO



**1** **SAVING REGEN SYSTEM**  
Low water and salt consumption.  
Environmentally safe.  
Standard bypass for residual hardness.

**2** **DIRECT ACCESS**  
ERGO valve without electricity.  
Ready to be used by simply turning a  
screwdriver.

**3** **HIGH FLOW RESIN**  
Ultra-fast regeneration within 15  
minutes.

**4** Brine valve with safety floating valve.

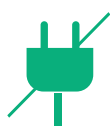
**5** Fine Mesh compact monosphere resin  
bed. Great flow in little space.

**6** High quality housing made of heavy  
duty injection moulded plastic.

**7** Salt tablets.



Uses less  
water



Non-electric  
water softener



High flow



Regeneration  
within 15 minutes



Low salt  
consumption



## Ergo 8

**Specifications of the system:**

Bottle size: 203 x 330 mm.

Type of resin: Fine Mesh compact monosphere resin.

By-pass and hardness mixer included

Connection: 3/4" male thread.

**Resin volume:** 7,4 l.

**Up flow regeneration:**

Min. pressure: 2,5 bar

Max. pressure: 8,6 bar

Min. temperature: 2 °C

Max. temperature: 50 °C

Maximum free chlorine: 1 ppm.

Maximum hardness: 60 °HF.

**Working flow\*:** 1,8 m<sup>3</sup>/h.

Maximum flow\*: 2,1 m<sup>3</sup>/h.

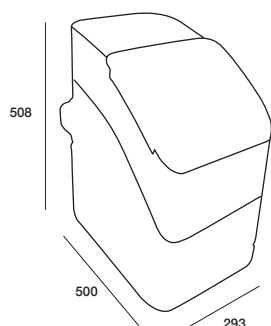
Brine tank capacity: 24 kg tablets, 16 kg block salt.

Water consumption: 25 l.

Duration of the regeneration: 15 min.

Code	Packaging units	Salt/ regeneration kg	Exchange capacity °HFxm <sup>3</sup>	Water between regenerations depending on the hardness							
				15 °HF	20 °HF	25 °HF	30 °HF	35 °HF	40 °HF	50 °HF	60 °HF
902803	1	0,36	17,6	914	685	548	457	392	343	274	228

Bypass included.



\*Flow of water treated with a pressure loss of 1 bar.

## Ergo 11

**Specifications of the system:**

Bottle size: 203 x 432 mm.  
 Type of resin: Fine Mesh compact monosphere resin.  
 By-pass and hardness mixer included  
 Connection: 3/4" male thread.

**Resin volume: 10,5 l.**

**Up flow regeneration:**

Min. pressure: 2,5 bar  
 Max. pressure: 8,6 bar  
 Min. temperature: 2 °C  
 Max. temperature: 50 °C  
 Maximum free chlorine: 1 ppm.  
 Maximum hardness: 73 °HF.

**Working flow\*: 2,1 m<sup>3</sup>/h.**

Maximum flow\*: 2,1 m<sup>3</sup>/h.

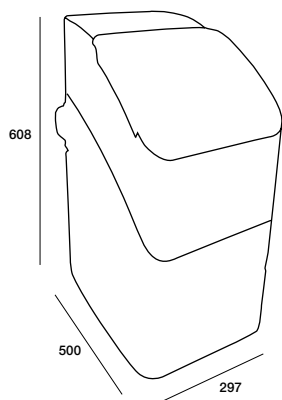
Brine tank capacity: 30 kg tablets, 16 kg block salt.

Water consumption: 25 l.

Duration of the regeneration: 15 min.

Code	Packaging units	Salt/ regeneration kg	Exchange capacity °HFxm <sup>3</sup>	Water between regenerations depending on the hardness							
				15 °HF	20 °HF	25 °HF	30 °HF	40 °HF	50 °HF	60 °HF	70 °HF
902829	1	0,36	23,7	1250	938	750	625	469	375	313	268

Bypass included.



\*Flow of water treated with a pressure loss of 1 bar.

## Upflow - high efficiency compact water softener Stratos UFW low salt consumption

The Stratos Water Softener range has been designed to offer maximum convenience and durability. Its operation system HE Electronic Demand reduces salt and water consumption by 50% compared to a standard system, thus being environmentally friendly.



New generation high efficiency water softener with an innovative design and UpFlow regenerations. Cabinet composed by two independent bodies; resin vessel is completely isolated from brine tank. It's possible to install both parts as independent bodies.

This system is composed of a GRP vessel with top and bottom distributors and polyethylene cabinet.

STRATOS softeners are commanded by an automatic valve with a new generation controller with multilingual display and visual interface.

Up flow regenerations to minimize salt and water consumption.

Holiday mode: During customer absences the system makes small cleanings without salt consumption.

Connection 1".

Brine valve included in the cabinet.

Isolation by-pass and hardness mixer included.

### Specifications

Min. pressure: 2.5 kg/cm<sup>2</sup>.

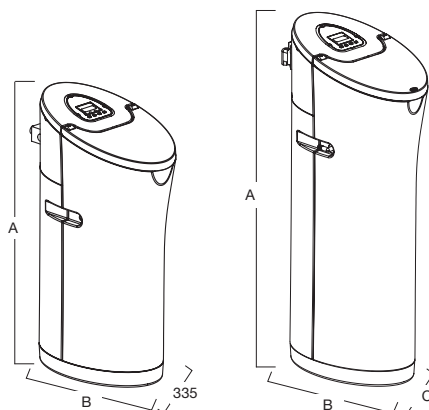
Max. pressure: 8.5 kg/cm<sup>2</sup>.

Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply: 220 V - 12 Vac/50 Hz.

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
795114	1	Stratos UFW 15	15	1"	39	1	0,8	1,1
					60	1.9		
					64	2.4		
795225	1	Stratos UFW 25	25	1"	96	1.5	1,3	1,8
					142	3		
					175	6.3		



Code	A	B	C
795114	901	516	335
795225	1132	516	335 mm

## Minder

State-of-the-art water softener with easy-to-program metered valve.



This system is composed of a PRFV bottle with upper and lower distributors made of ABS, and a polyethylene cabinet.

Valve made of ABS, electronic programmer, multiple regeneration options. 1" connection.

The cabinet has a built-in safety brine valve. The equipment includes an isolating bypass. Built-in residual hardness mixer in the head. Reliable and fast connection with locking clips.

### Specifications:

Min. pressure: 2,5 kg/cm<sup>2</sup>.

Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C.

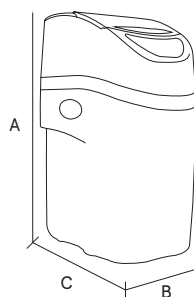
Max. temperature: 35 °C.

Power supply:

220 V - 12 Vac / 50 Hz.

**!** Do not forget to order flexible metal hoses. Code 718602.

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
960202	1	Minder	7	1"	96	1,5	1,1	1,4
					141	3,0		
					175	6,25		



Code	A	B	C
795238	550	240	410 mm

## Denver Plus wide high efficiency compact water softeners

New generation water softener system with an elegant cabinet provided with a sliding brine tank cover and electronic controller. It includes an easy-to-program metered valve.



Depending on the model.



System is composed by a GRP bottle with top and bottom distributors and polyethylene cabinet. WS180-HE valve, electronic programmed, delayed regeneration with day override.

Noryl male connection (size depending on model).

Brine valve included in the cabinet.

Isolation by-pass and hardness mixer included.

### Specifications:

Min. pressure: 2.5 kg/cm<sup>2</sup>.

Max. pressure: 8.5 kg/cm<sup>2</sup>.

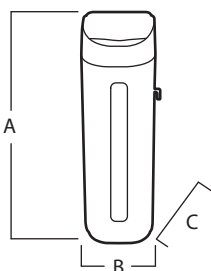
Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply: 220 Vac/50 Hz, other voltages available under request.

Do not forget to order flexible metal hoses. Code 718602 (3/4").

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
762916	1	Denver Plus 12,5	12,5	3/4"	40	0,8	0,5	0,8
					49	1,0		
					60	1,5		
762945	1	Denver Plus 18	18	3/4"	57	1,1	0,7	1,1
					97	2,2		
					117	4,5		
762918	1	Denver Plus 20	20	3/4"	76	1,2	0,8	1,2
					108	2,4		
					130	5,0		
762917	1	Denver Plus 30	30	1"	115	1,8	1,2	1,8
					170	3,6		
					210	7,5		



Code	A	B	C
762916	575	333	505
762945	1034	333	505
762918	1034	333	505
762917	1034	333	505 mm



## Low consumption compact, metered water softener Denver plus blue

State-of-the-art water softener with easy-to-program metered valve.



Depending on the model.



This system is composed of a PRFV bottle with upper and lower distributors made of ABS, and a polyethylene cabinet. Denver 180 valve, electronic programmer and delayed regeneration. Connection 3/4".

The cabinet has a built-in safety brine valve. The equipment includes an isolating bypass. Built-in residual hardness mixer in the head. Reliable and fast connection with locking clips.

### Specifications:

Min. pressure: 2,5 kg/cm<sup>2</sup>.

Max. pressure: 6 kg/cm<sup>2</sup>.

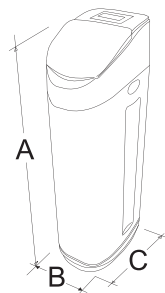
Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply: 220 V - 12 Vac / 50 Hz.

**!** Do not forget to order flexible metal hoses. Code 718602 (3/4").

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
960182	1	Denver Plus Blue 7	7	3/4"	16	0,4	0,3	0,4
					22	0,6		
					27	0,8		
960183	1	Denver Plus Blue 12	12	3/4"	40	0,7	0,5	0,7
					49	1,0		
					60	1,4		
960184	1	Denver Plus Blue 18	18	3/4"	57	1,1	0,8	1,2
					97	2,2		
					117	4,5		



Code	A	B	C
960182	546	240	420
960183	775	240	420
960184	1056	240	420 mm

## Watermark UF 12 and WaterMark UF 30. High efficiency compact water softeners

High efficiency water softener with elegant design.

Cabinet provided with sliding covers for the brine tank and display.



**WaterMark**  
Upflow  
watersoftener



This system is composed of a GRP vessel with top and bottom distributors and polyethylene cabinet. WATERMARK softeners are commanded by an automatic valve with a new generation controller with multilingual display and visual interface. High efficiency regenerations to reduce salt and water consumption.

**Holiday mode:** During customer absences the system makes small cleanings without salt consumption.

Brine valve included in the cabinet.

Isolation bypass and hardness mixer included.

### Specifications:

Min. pressure: 2,5 kg/cm<sup>2</sup>.

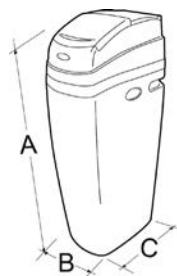
Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4°C. Max. temperature: 40 °C.

Power supply: 220 V - 12 Vac / 50 Hz.

**!** Do not forget to order flexible metal hoses. Code 718602 (3/4"), 718601 (1").

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
795108	1	WaterMark UF 12	12,5	3/4"	51	1,8	1,0	1,2
					57	3,6		
					55	7,5		
795211	1	WaterMark UF 30	30	1"	120	1,0	2,4	2,7
					180	1,4		
					230	1,9		



Code	A	B	C
795108	750	360	550 mm
795211	1170	360	550 mm

## Low consumption softener with high flow

State-of-the-art water softener with easy-to-program metered valve.



This system is composed of a PRFV bottle with upper and lower distributors made of ABS, and a polyethylene cabinet.

Valve made of ABS, electronic programmer, multiple regeneration options. 1" connection.

The cabinet has a built-in safety brine valve. The equipment includes an isolating bypass. Built-in residual hardness mixer in the head. Reliable and fast connection with locking clips.

### Specifications:

Min. pressure: 2,5 kg/cm<sup>2</sup>.

Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply:

220 V - 12 Vac / 50 Hz.

Do not forget to order flexible metal hoses. Code 718602.

Code	Packaging units	Description	Resin volume	Connection	Exchange capacity °HFxm <sup>3</sup>	Salt consumption	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
795238	1	Rider 25	25	1"	96	1,5	1,0	1,5
					141	3,0		
					175	6,25		



Code	A	B	C
795238	1100	360	530 mm



## 3. Watermark Series

Watermark Series valves

WS470UF / WS530UF / WSD490UF  
water softeners

Watermark Series multi-tank

Watermark Series

Watermark Series Automatic filters

Ultraline diaphragm water softeners

Siata desmineralizers





## WS470 valve

Multi-way valve for countercurrent water softening and filtration applications. Compact and functional design. Intuitive electronic programmer. Made of heavy-duty Noryl and controlled by an horizontal piston.



Components

### Technical Specifications:

- Standard isolation bypass.
- Built-in residual hardness mixer.
- Different types of connections available.
- Offers different types of regenerations: metered, chronometric, delayed, immediate or mixed.
- Fully configurable regeneration cycles.
- Treated water meter integrated in the head.
- Reliable and fast connection with locking clips.
- Connection diameter: 1" (other options available).
- Connection for 2 1/2" bottles.
- Minimum pressure: 2 kg/cm<sup>2</sup>. Maximum pressure: 6 kg/cm<sup>2</sup>.
- Minimum temperature: 4 °C Maximum temperature: 35 °C
- Power supply: 220-12 V (incl. transformer).

### Technical specifications for water softening:

- Nominal flow rate\*: 3.5 m<sup>3</sup>/hour.
- Backwash flow\*\*: 1.5 m<sup>3</sup>/hour.
- Water softeners up to 16"-150 litres.

### Technical specifications for filtration:

- Nominal flow rate\*: 3.5 m<sup>3</sup>/hour.
- Backwash flow\*\*: 1.5 m<sup>3</sup>/hour.
- Filters up to 12" (in function of the load and the rinsing flows)



! \* Flow associated to the valve with a pressure loss of 1 bar.  
 \*\* Flow associated to the valve with a pressure loss of 1.7 bar.

Code	Packaging units	Description
960031	1	Water softening countercurrent WS 470HE valve
960032	1	Filtration WS 470 valve

### Accessories

Code	Packaging units	Description
750449	1	Upper nozzle 1,05"
576502	1	Lower nozzle + tube 54"
576504	1	Lower nozzle + tube 65"
920122	1	Electrovalve shut-off control kit
750473	1	Brine valve with float 900 mm



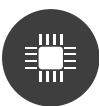
Horizontal piston.  
Great space saving thanks to its configuration and design.



Configurable units  
The user can decide whether to see measuring units in the metric or the American system



Multilingual  
The user can choose among several languages: Spanish, English, French and German.



Operation at 12 V  
Less noise with a safer and more stable operation.



LCD display  
Easy and intuitive operation.  
High resolution



Up Flow - Backflow.  
Backflow regeneration to reduce salt and water consumption.



Manual regeneration.  
Regenerations can be started manually.



Multifunction  
Regenerations are by time, metered immediate, metered delayed or override. The length of all stages can be configured.



Mixing valve.  
It includes a mixing valve to adjust the residual hardness.



## WS490 valve

Multi-way valve for twin water softening applications. Made of heavy-duty Noryl and controlled by an horizontal piston. Countercurrent regeneration.



(In process)

### Specifications:

- Composed by a main and a secondary head.
- Includes an installation kit.
- Intelligent alternate operation: when the flow exceeds the recommended maximum for a column, the second column is temporarily put into service to guarantee the supply of softened water.
- Motorised ball valves for alternation/regeneration supplied with the valve.
- It allows multiple daily regenerations and a full use of the resin bed.
- Countercurrent regeneration with low water and salt consumption. Tank is filled with softened water.
- A single programmer controls the operation of the entire system.



### Technical specifications for water softening:

- Connection for 2 1/2" bottles.
- Nominal flow rate\*: 3.5 m<sup>3</sup>/h. Backwash flow\*\*: 1.7 m<sup>3</sup>/h.
- Water softeners up to 16" (150 litres). Connection diameter: 1".
- Minimum pressure: 2 kg/cm<sup>2</sup>. Maximum pressure: 6 kg/cm<sup>2</sup>.
- Minimum temperature: 4 °C. Maximum temperature: 35 °C.
- Power supply: 220 V - 12 V (incl. transformer).

! \* Flow associated to the valve with a pressure loss of 1 bar.  
 \*\* Flow associated to the valve with a pressure loss of 1.7 bar.

Code	Packaging units	Description
960256	1	Water softening countercurrent WS 490UF Dúplex valve

### Accessories

Code	Packaging units	Description
750449	1	Upper nozzle 1.05"
576502	1	Lower nozzle + tube 54"
576504	1	Lower nozzle + tube 65"
750473	1	Salt valve with float 900 mm



Horizontal piston.  
Great space saving thanks to its configuration and design.



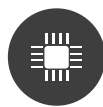
LCD display  
Easy and intuitive operation.  
High resolution



Up Flow - Backflow.  
Backflow regeneration to reduce salt and water consumption.



Multilingual  
The user can choose among several languages: Spanish, English, French and German.



Operation at 12 V  
Less noise with a safer and more stable operation.



Twin - Softened Water  
24 hours a day, 7 days a week.



Configurable units  
The user can decide whether to see measuring units in the metric or the American system



Manual regeneration.  
Regenerations can be started manually.

## WS530 valve

High performance multi-way valve designed for countercurrent water softening and filtration applications. Compact and functional design.

Designed for applications requiring a high flow of treated water. Made of heavy-duty Noryl.



Components



### Technical Specifications:

**Easysmart programmer:** Fast and intuitive programming, ideal for semi-industrial applications. Displays remaining volume, total treated volume and instant flow.

Large LCD display with touch buttons protected from moisture and dirt. It offers different types of regenerations: metered, chronometric, delayed, immediate or mixed.

Fully configurable regeneration cycles.

Treated water meter integrated in the head. Reliable and fast connection with locking clips. Connection diameter: 1".

Minimum pressure: 2 kg/cm<sup>2</sup>. Maximum pressure: 6 kg/cm<sup>2</sup>.

Minimum temperature: 4 °C.

Maximum temperature: 35 °C. Power supply: 220 V - 12 V (includes transformer). Optional bypass.

### Technical specifications for water softening:

Connection for 2.5" bottles. Nominal flow rate\*: 6.3 m<sup>3</sup>/h.

Peak flow\*\*: 8.1 m<sup>3</sup>/h

Backwash flow\*\*: 2.7 m<sup>3</sup>/h Water softeners up to 21"-225 litres.

### Technical specifications for filtration:

Nominal flow rate\*: 5.6 m<sup>3</sup>/h. Peak flow\*\*: 7.3 m<sup>3</sup>/h

Backwash flow\*\*: 4.4 m<sup>3</sup>/h

Filters up to 18" (in function of the load and the rinsing flows).

**!** \* Flow associated to the valve with a pressure loss of 1 bar.

\*\* Flow associated to the valve with a pressure loss of 1.7 bar.

Code	Packaging units	Description
960087	1	Water softening countercurrent WS 530 UF valve
960176	1	Filtration WS530F valve

### Accessories

Code	Packaging units	Description
960177	1	Bypass valve WS530 1"
750449	1	Upper nozzle 1,05"
576502	1	Lower nozzle + tube 54"
576504	1	Lower nozzle + tube 65"
340200	1	Reducing socket 4"-2 1/2"
920122	1	Electrovalve shut-off control kit
768902	1	Salt valve 2"
750473	1	Salt valve with float 900 mm



High flow  
Max. service: 10 m<sup>3</sup>/h.  
Max. backwash: 8 m<sup>3</sup>/h.



LCD display  
Easy and intuitive operation.  
High resolution



Manual regeneration.  
Regenerations can be started manually.



Multilingual  
Spanish, english, french...



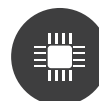
Multifunction  
Regenerations are by time, metered immediate, metered delayed or override. The length of all stages can be configured.



Up Flow - Backflow.  
Backflow regeneration to reduce salt and water consumption.



Configurable units  
The user can decide whether to see measuring units in the metric or the American system



Operation at 12 V  
Less noise with a safer and more stable operation.



## WS655 valve

Industrial multi-way valve for water softening and filtration applications. Designed for high flow and intensive work applications. Made of heavy-duty Noryl and controlled by an horizontal piston.



Components



### Technical Specifications:

Easy maintenance: easy access to pistons and other internal regulators. Advanced electronic programmer with multi-colour icons. Easy and convenient programming. Advanced functions such as the automatic calculation of treated volumes, configurable reserve, programmer reset. It offers different types of regenerations: metered, chronometric, delayed, immediate or mixed. Fully configurable regeneration cycles. Built-in water-meter for treated water. Reliable and fast connection with locking clips. Connection diameter: 1 1/2". Connection for 4" bottles. Minimum pressure: 2 kg/cm2. Maximum pressure: 6 kg/cm2. Minimum temperature: 4 °C Maximum temperature: 35 °C Power supply: 220-12 V (incl. transformer).

### Technical specifications for water softening:

Nominal flow rate\*: 10 m3/hour.  
Backwash flow\*\*: 6.8 m3/hour.  
Water softeners up to 36" - 650 litres.

### Technical specifications for filtration:

Nominal flow rate\*: 10 m3/hour.  
Backwash flow\*\*: 6.8 m3/hour.  
Filters up to 24" (in function of the load and the rinsing flows).

! \* Flow associated to the valve with a pressure loss of 1 bar.  
\*\* Flow associated to the valve with a pressure loss of 1.7 bar.

Code	Packaging units	Description
960024	1	Water softening WS 655 valve
960023	1	Filtration WS 655 valve

### Accessories

Code	Packaging units	Description
338102	1	Upper nozzle 12-36" D50
576700	1	Lower nozzle D50 1820 mm
340100	1	Reducing 6-4"
768902	1	Brine valve with float 1500 mm
920122	1	Solenoid valve control kit



High flow  
Max. service: 10 m<sup>3</sup>/h.  
Max. backwash: 8 m<sup>3</sup>/h.



Exclusive system for joints and separators.



Smart calculation for regenerations.



Water proof  
Several options available for installation.



Visual interface.



Manual regeneration.  
Regenerations can be started manually.



Quick connection  
Quick installation and easy maintenance.



Smart holiday mode  
Keeps the filtering media in a perfect condition during the user's absence

## WS755 valve



Industrial multi-way valve for countercurrent water softening and filtration applications. Designed for high flow and intensive work applications. Made of heavy-duty Noryl and controlled by an horizontal piston.



(In process)



### Technical Specifications:

Compact and robust equipment offering high flow rates for treatment and regeneration up to 1,000 litres of resin. Programmer specially designed for industrial applications, with a simple display that allows a quick and easy adjustment of all working parameters. It offers different types of regenerations: metered, chronometric, delayed, immediate or mixed. Fully configurable regeneration cycles. Proportional regeneration available for water softening models. Built-in water-meter. Reliable and fast connection with locking clips. Connection diameter: 2". Connection for 4" bottles. Minimum pressure: 2 Kg/cm<sup>2</sup>. Maximum pressure: 6 Kg/cm<sup>2</sup>. Minimum temperature: 4 °C. Maximum temperature: 35 °C. Power supply: 220-12 V (incl. transformer).

### Technical specifications for water softening:

Nominal flow rate\*: 15.9 m<sup>3</sup>/hour.  
Peak flow\*\*: 20 m<sup>3</sup>/hour.  
Backwash flow\*\*: 12 m<sup>3</sup>/hour.

Water softeners up to 42"/1,000 litres.

### Technical specifications for filtration:

Nominal flow rate\*: 15.9 m<sup>3</sup>/hour.  
Peak flow\*\*: 20 m<sup>3</sup>/hour.  
Backwash flow\*\*: 12 m<sup>3</sup>/hour.  
Filters up to 30" (in function of the load and the rinsing flows).

! \* Flow associated to the valve with a pressure loss of 1 bar.  
\*\* Flow associated to the valve with a pressure loss of 1.7 bar.

Code	Packaging units	Description
960054	1	Water softening WS 755 valve
960320	1	Filtration WS 755 valve

### Accesorios

Code	Packaging units	Description
338102	1	Upper nozzle 12-36" D50
576700	1	Lower nozzle D50 1820 mm
340100	1	Reducing 6-4"
768902	1	Brine valve with float 1500 mm
920122	1	Solenoid valve control kit



High flow  
Max. service: 10 m<sup>3</sup>/h.  
Max. backwash: 8 m<sup>3</sup>/h.



Smart calculation for regenerations.



Up Flow - Backflow.  
Backflow regeneration to reduce salt and water consumption.



Quick connection  
Quick installation and easy maintenance.



Manual regeneration.  
Regenerations can be started manually.



Visual interface.





## WS470UF upflow high efficiency softeners

This system is composed by a Greentank GRP vessel with top and bottom distributors and a brine tank made in polyethylene with capacity for many regenerations. Brine tanks equipped with brine grid and safety brine valve.



Countercurrent regenerations. Low water and salt consumption. Optimum quality of treated water.

### Technical Specifications:

WS470HE up-flow valve. Made of heavy-duty Noryl and controlled by a horizontal piston. 1" threaded male connection.

Watermark series timer: simple and friendly programming.

Multilingual display: English, French, Spanish and German.

Multiple regenerations configurations are available. Systems are supplied completely preprogrammed from factory, but it allows modifying all the internal parameters.

Systems are supplied with high capacity food grade GreenResin ion exchange resin (25 liters/bag).

Silex distributing base with different grain sizes.

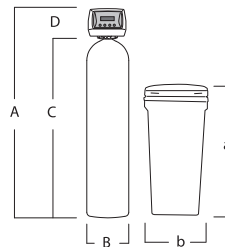
Min. pressure: 2 kg/cm<sup>2</sup>. Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C. Max. temperature: 40 °C.

Power supply 220 V - 12 V (transformer included).



The silex base with different grain sizes optimises the water flow, thus improving the regeneration process.



Code	A	B	C	D	a	b
920206	1077	215	897	180	815	400
920207	1073	268	893	180	815	400
920208	1561	268	1381	180	940	450
920209	1578	349	1398	180	1160	550 mm

Code	Packaging units	Description	Resin volume L	Ø Connection	Vessel size	Salt litres	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
920206	1	WSDE470UF 15	15	1"	8 x 35	70	0,6	0,9
920207	1	WSDE470UF 25	25	1"	10 x 35	70	1,0	1,5
920208	1	WSDE470UF 45	45	1"	10 x 54	100	1,8	2,7
920209	1	WSDE470UF 75	75	1"	13 x 54	200	3,0	3,5

	Low consumption (80 g/L)		Medium consumption (120 g/L)		High consumption (240 g/L)		Resin volume L
	°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	
63		1,2	77	1,8	90	3,6	15
105		2	128	3	150	6	25
189		3,6	230	5,4	270	10,8	45
315		6	383	9	450	18	75

Code	Packaging units	Description
920122	1	Solenoid valve control kit

## WS530UF upflow high efficiency softeners



This system is composed by a Greentank GRP vessel with top and bottom distributors and a brine tank made in polyethylene with capacity for many regenerations. Brine tanks equipped with brine grid and safety brine valve.



The silex base with different grain sizes optimises the water flow, thus improving the regeneration process.

Countercurrent regenerations. Low water and salt consumption. Optimum quality of treated water.

### Technical Specifications:

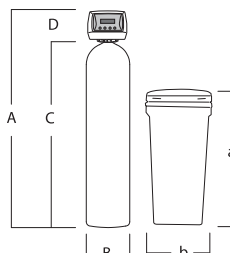
Valve WS530HE made of heavy duty Noryl: It is controlled by an horizontal piston. 1" connection. User-friendly and intuitive WaterMark Series programmer: Multilingual display: English, French, Spanish, German, Russian and Italian. There are several types of operation available: chronometric, metered delayed, immediate or mixed. Fully pre-programmed equipment. All working parameters can be configured. It contains water softening food-grade resin from GreenResin, which features a great capacity and is supplied in 25 litre bags. Silex distributing base with different grain sizes.

### Specifications:

Min. pressure: 2 kg/cm<sup>2</sup>. Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C. Max. temperature: 40 °C.

Power supply 220 V - 12 V (transformer included).



Code	A	B	C	D	a	b
920400	1598	349	1398	200	1160	550
920401	1874	366	1674	200	1275	740
920402	1906	411	1706	200	1275	740
920403	1922	491	1722	200	1335	840
920404	1922	491	1722	200	1335	840
920405	2118	555	1918	200	1335	840
920406	2188	555	1918	200	1395	960 mm

Code	Packaging units	Description	Resin volume L	Ø Connection	Vessel size	Salt litres	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
920400	1	WSDE 530UF 75	75	1"	13 x 54	200	3,0	4,5
920401	1	WSDE 530UF 100	100	1"	14 x 65	350	4,0	6,0
920402	1	WSDE 530UF 125	125	1"	16 x 65	350	5,0	6,3
920403	1	WSDE 530UF 150	150	1"	18 x 65	500	6,0	6,3
920404	1	WSDE 530UF 175	175	1"	18 x 65	500	6,3	6,3
920405	1	WSDE 530UF 200	200	1"	21 x 62	500	6,3	6,3
920406	1	WSDE 530UF 225	225	1"	21 x 62	750	6,3	6,3

	Low consumption (80 g/L)		Medium consumption (120 g/L)		High consumption (240 g/L)		Resin volume L
	°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	
315	6	383	9	450	18	75	
420	8	510	12	600	24	100	
525	10	638	15	750	30	125	
630	12	765	18	900	36	150	
735	14	893	21	1050	42	175	
840	16	1020	24	1200	48	200	
945	18	1148	27	1350	54	225	

Code	Packaging units	Description
920122	1	Solenoid valve control kit
960177	1	Isolation by-pass



## Twin Countercurrent, Low Consumption Water Softeners WS490UF

This system is composed of 2 PRFV Greentank bottles with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a false bottom and a safety valve.



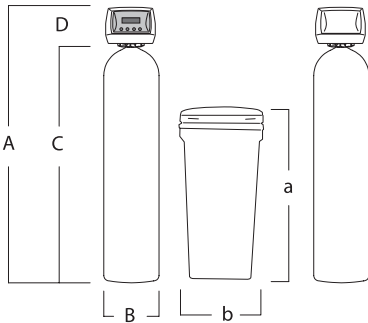
Countercurrent regenerations. Low water and salt consumption. Optimum quality of treated water.

### Technical Specifications:

WS490HE valve made of heavy duty Noryl:  
 It is controlled by an horizontal piston. 1" connection.  
 User-friendly and intuitive WaterMark series programmer.  
 Multilingual display: English, French and Spanish.  
 Alternate, parallel or by maximum flow performance.  
 All systems are factory-configured.  
 All working parameters can be configured.  
 It contains water softening food-grade resin from GreenResin, which features a great capacity and is supplied in 25 litre bags.  
 Silex distributing base with different grain sizes.

### Specifications:

Min. pressure: 2 kg/cm<sup>2</sup>. Max. pressure: 6 kg/cm<sup>2</sup>.  
 Min. temperature: 4 °C. Max. temperature: 40 °C.  
 Power supply 220 V - 12 V (transformer included).



Code	A	B	C	D	a	b
920436	1077	215	891	180	815	400
920437	1073	268	893	180	815	400
920438	1561	268	1381	180	875	460
920439	1578	349	1398	180	1040	585
920440	1854	366	1674	180	1040	585
920441	1886	411	1706	180	1040	585
920442	1902	491	1722	180	1275	740 mm

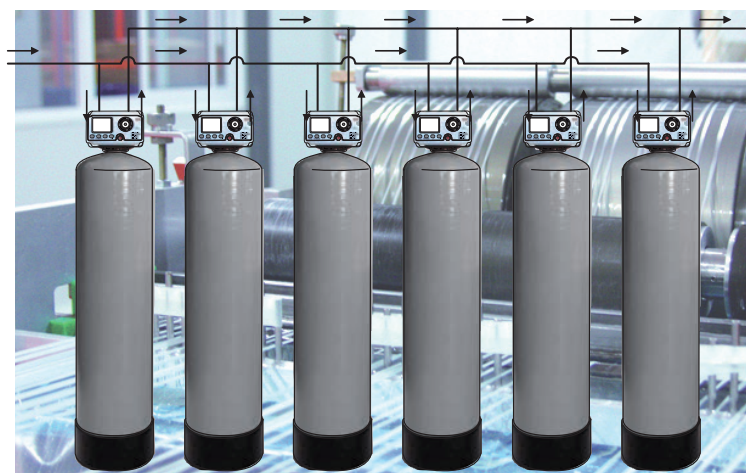
Code	Packaging units	Description	Resin volume L	Ø Connection	Vessel size	Salt litres	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
920436	1	WSDE490UF 2x15	15x2	1"	8 x 35	70	0,6	1,2
920437	1	WSDE490UF 2x25	25x2	1"	10 x 35	70	1,0	2,4
920438	1	WSDE490UF 2x45	45x2	1"	10 x 54	100	1,8	3,6
920439	1	WSDE490UF 2x75	75x2	1"	13 x 54	200	3,0	6,0
920440	1	WSDE490UF 2x100	100x2	1"	14 x 65	200	3,5	7,0
920441	1	WSDE490UF 2x125	125x2	1"	16 x 65	200	3,5	7,0
920442	1	WSDE490UF 2x150	150x2	1"	18 x 65	350	3,5	7,0

Low consumption (80 g/L)		Medium consumption (120 g/L)		High consumption (240 g/L)		Resin volume L
°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	°HFxm <sup>3</sup>	kgNaCl/regen	
63	1,2	77	1,8	90	3,6	15x2
105	2,0	128	3,0	150	6,0	25x2
189	3,6	230	5,4	270	10,8	45x2
315	6,0	383	9,0	450	18	75x2
420	8,0	510	12	600	24	100x2
525	10	638	15	750	30	125x2
630	12	765	18	900	36	150x2

## Multi-tank Watermark Series MTS-655 and MTS-755

Multi-tank systems composed by a MTS controller and various water treatment columns.

A single programmer can control up to 16 columns, thus enabling it to adapt to almost all of the industrial market needs. The MTS programmer centralises all data supplied from the different heads, acting as the brain of the entire system and deciding when to trigger the regenerations in the equipment. The standard range includes up to 6 columns of 650 litres, 60 m3/hour. Other options available upon request.



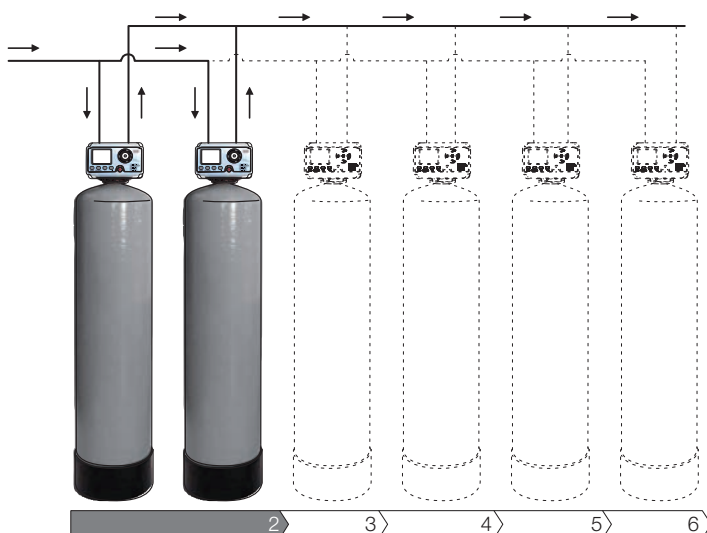
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### Specifications

**Modular system:** Additional columns may be quickly and easily added to an existing installation. Furthermore, one column can be removed for repair or maintenance.

**Simplicity:** A single wire connects the programmer to the first head, supplying both data and power supply. Likewise, a single wire connects the first head to the second, and so on.

**Industrial:** Heavy-duty waterproof connectors. Stainless steel motor-driven valve on the outlet of the head to control each column (service, regeneration, stand-by...)



2 3 4 5 6

### MTS programmer

Advanced electronic programmer with multi-colour icons. Easy and convenient programming.

One programmer controls the entire system.

It also allows to set the time periods when regenerations must be avoided (peak consumption hours in hotels, production peaks in factories...).

Connected: Configurable relay outputs (NC/NO) during regeneration (complete or in selected stages). Additionally it allows to control a rear dosing pump. Signal input for remote regenerations (delayed or immediate).

Fail-safe: In the event of any failure of a column, the programmer suspends it temporarily and adapts the operation to the quantity of remaining columns.

## Watermark Series-MTS valves

Individual identifier on each column. LED lights for regeneration and information.  
Motor-driven valve supplied with the head.



### MTS programmer.

History menu: Allows to check the relevant information concerning the operation of each column individually.

Adaptable: Multiple operation types:

- Alternate: A column is held in reserve to guarantee a continuous flow.
- Parallel: Highest available flow, regeneration in series.
- Flow demand: Varying number of columns in service in function of the flow requirements of the installation.



### MTS-655 valve specification.

#### Specifications:

Connection for bottles of 4".

Nominal flow: 10 m<sup>3</sup>/hour.

Backwash flow: 6.8 m<sup>3</sup>/hour.

Water softeners up to 36"/650 litres

Filters up to 24" (in function of the load and the washing flows).

Connection diameter: 1 1/2".

Minimum pressure: 2 kg/cm<sup>2</sup>.

Maximum pressure: 6 kg/cm<sup>2</sup>

Minimum temperature: 4°C.

Maximum temperature: 35°C.

Power supply: 220-24V (power supply through programmer).



### MTS-755 valve specification.

#### Specifications:

Connection for bottles of 4". Connection diameter 2".

Max. service flow: 15,9 m<sup>3</sup>/hour. Peak flow\*\*: 20 m<sup>3</sup>/hour.

Max. flow for backwash: 12 m<sup>3</sup>/hour.

Water softeners up to 42"/1.000 litres.

Filters up to 30" (in function of the load and the washing flows).

Min. pressure: 2 kg/cm<sup>2</sup>. Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C. Max. temperature: 35 °C.

Power supply: 220-240 V (power supply through programmer).

Code	Packaging units	Description
960091	1	MTS Programmer
960029	1	Water softening WS655 MTS valve
960030	1	Filtration WS-655-MTS valve
960321	1	Water softening WS-755-MTS valve
960322	1	Filtration WS-755-MTS
960323	1	Controller for MTS Valve



## Watermark Series Simplex 655

This system is composed of a PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve.

Valve WS-655 made of heavy-duty Noryl controlled by an horizontal piston. Connection of 1 ½".

User-friendly and intuitive programmer for WaterMark Series.

**Multilingual display:** English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



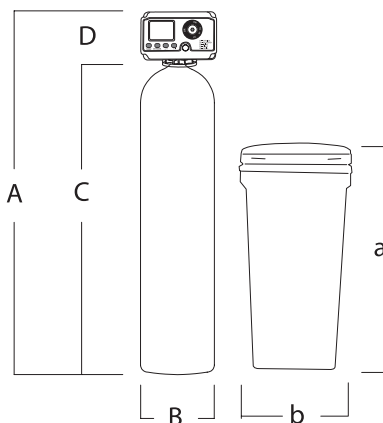
Code	920085	920043	920044	920045	920046	920047	920048
Model	MTS-655-1-50	MTS-655-1-85	MTS-655-1-115	MTS-655-1-145	MTS-655-1-200	MTS-655-1-285	MTS-655-1-425
Resin volume (l)	50	85	115	145	200	285	425
Exchange capacity (°Hf x m3) / Salt consumption (kg)							
Exchange capacity	96 g	279 4,8	415 8,2	552 11,0	694 13,9	968 19,2	1383 27,4
and salt consumption	161 g	362 8,1	540 13,7	718 18,5	903 23,3	1259 32,2	1799 45,9
chart	242 g	433 12,1	646 20,6	859 27,8	1079 35,1	1505 48,4	2150 69,0
							3229 102,9

Flow	Pressure loss (kg/cm <sup>2</sup> )						
	1 m <sup>3</sup> /h	0,08	0,09	0,07	0,06	0,05	0,05
2 m <sup>3</sup> /h	0,21	0,2	0,18	0,15	0,13	0,12	0,1
3 m <sup>3</sup> /h	0,38	0,38	0,33	0,28	0,24	0,23	0,2
4 m <sup>3</sup> /h	0,6	0,59	0,51	0,44	0,39	0,36	0,32
5 m <sup>3</sup> /h	0,85	0,83	0,73	0,64	0,57	0,53	0,47
6 m <sup>3</sup> /h	1,14	1,12	0,98	0,87	0,79	0,74	0,66
7 m <sup>3</sup> /h	N/A	1,44	1,27	1,14	1,03	0,97	0,88
8 m <sup>3</sup> /h	N/A	1,8	1,6	1,44	1,31	1,24	1,13
9 m <sup>3</sup> /h	N/A	2,2	1,97	1,77	1,63	1,54	1,41
10 m <sup>3</sup> /h	N/A	2,65	2,37	2,14	1,98	1,87	1,72

Water consumption							
Regeneration L.	352	598	777	1019	1359	1993	2915
Brine tank volume	350	350	350	350	500	500	750
Vessel	13 x 54	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72
Sillex 1,3 - 2,5 mm (kg)	16	16	21	16	25	40	56
Sillex 2 - 4 mm (kg)	-	-	-	32	50	56	88

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 12 Vac  
 Connection: 1 1/2" BSP



Code	A	B	C	D	a	b
920085	1604	349	1398	206	1275	740
920043	1880	366	1674	206	1275	740
920044	1911	411	1705	206	1275	740
920045	1928	491	1722	206	1275	740
920046	1927	555	1721	206	1335	840
920047	2124	622	1918	206	1335	840
920048	2346	787	2140	206	1395	960 mm

Code	Packaging units	Description
920122	1	Solenoid valve control kit

## MTS 655 x 2

This system is composed of two PRFV Greentank bottles with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve.

Valve WS-655 made of heavy-duty Noryl controlled by an horizontal piston. Connection of 1 ½”.

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



MTS programmer.

The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



## MTS 655 x 3

This system is composed of three PRFV Greentank bottles with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve.

Valve WS-655 made of heavy-duty Noryl controlled by an horizontal piston. Connection of 1 ½”.

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



MTS programmer.

The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.





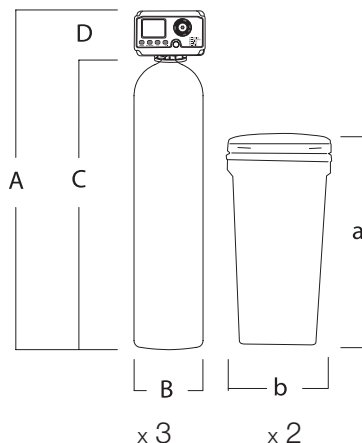
Code	920057		920058		920059		920060		920061		920062		
Model	MTS-655-3-85		MTS-655-3-115		MTS-655-3-145		MTS-655-3-200		MTS-655-3-285		MTS-655-3-425		
Resin volume (l)	85 x 3		115 x 3		145 x 3		200 x 3		285 x 3		425 x 3		
Exchange capacity (°Hf x m3) / Salt consumption (kg)													
Exchange capacity and salt consumption chart	96 g	1246	8,2	1657	11,0	2082	13,9	2903	19,2	4149	27,4	6231	40,8
	161 g	1621	13,7	2155	18,5	2708	23,3	3776	32,2	5397	45,9	8105	68,4
	242 g	1938	20,6	2567	27,8	3237	35,1	4514	48,4	6451	69,0	9688	102,9

	Flow	Pressure loss (kg/cm <sup>2</sup> )					
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	3 m <sup>3</sup> /h	0,09	0,07	0,06	0,05	0,05	0,04
	6 m <sup>3</sup> /h	0,2	0,18	0,15	0,13	0,12	0,1
	9 m <sup>3</sup> /h	0,38	0,33	0,28	0,24	0,23	0,2
	12 m <sup>3</sup> /h	0,59	0,51	0,44	0,39	0,36	0,32
	15 m <sup>3</sup> /h	0,83	0,73	0,64	0,57	0,53	0,47
	18 m <sup>3</sup> /h	1,12	0,98	0,87	0,79	0,74	0,66
	21 m <sup>3</sup> /h	1,44	1,27	1,14	1,03	0,97	0,88
	24 m <sup>3</sup> /h	1,8	1,6	1,44	1,31	1,24	1,13
	27 m <sup>3</sup> /h	2,2	1,97	1,77	1,63	1,54	1,41
	30 m <sup>3</sup> /h	2,65	2,37	2,14	1,98	1,87	1,72

- Optimal flow
- Peak flow
- Non recommended flow

Water consumption	598		777		1019		1359		1993		2915	
Regeneration L.	350 x 2		350 x 2		350 x 2		500 x 2		500 x 2		750 x 2	
Brine tank volume	14 x 65		16 x 65		18 x 65		21 x 62		24 x 72		30 x 72	
Vessel	16 x 3		21 x 3		16 x 3		25 x 3		40 x 3		56 x 3	
Sílex 1,3 - 2,5 mm (kg)	-		-		32 x 3		50 x 3		56 x 3		88 x 3	
Sílex 2 - 4 mm (kg)	-		-		32 x 3		50 x 3		56 x 3		88 x 3	

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 24 Vac  
 Connection: 1 1/2" BSP



Code	A	B	C	D	a	b
920057	1880	366	1674	206	1275	740
920058	1911	411	1705	206	1275	740
920059	1928	491	1722	206	1275	740
920060	1927	555	1721	206	1335	840
920061	2124	622	1918	206	1335	840
920062	2346	787	2140	206	1395	960 mm

## MTS 655 x 4

This system is composed of four PRFV Greentank bottles with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve.



Valve WS-655 made of heavy-duty Noryl controlled by an horizontal piston. Connection of 1 ½”.

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



MTS programmer.

The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



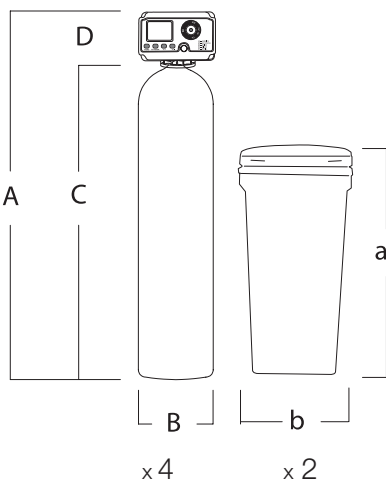
<b>Code</b>		<b>920064</b>	<b>920065</b>	<b>920066</b>	<b>920067</b>	<b>920068</b>	<b>920069</b>						
<b>Model</b>		<b>MTS-655-4-85</b>	<b>MTS-655-4-115</b>	<b>MTS-655-4-145</b>	<b>MTS-655-4-200</b>	<b>MTS-655-4-285</b>	<b>MTS-655-4-425</b>						
<b>Resin volume (l)</b>		85 x 4	115 x 4	145 x 4	200 x 4	285 x 4	425 x 4						
		Exchange capacity (°Hf x m3) / Salt consumption (kg)											
<b>Exchange capacity</b>	96 g	1662	8,2	2209	11,0	2776	13,9	3871	19,2	5532	27,4	8309	40,8
<b>and salt consumption</b>	161 g	2161	13,7	2873	18,5	3611	23,3	5034	32,2	7196	45,9	10806	68,4
<b>chart</b>	242 g	2584	20,6	3435	27,8	4316	35,1	6018	48,4	8602	69,0	12918	102,9

	Flow	Pressure loss (kg/cm <sup>2</sup> )					
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	4 m <sup>3</sup> /h	0,09	0,07	0,06	0,05	0,05	0,04
	8 m <sup>3</sup> /h	0,2	0,18	0,15	0,13	0,12	0,1
	12 m <sup>3</sup> /h	0,38	0,33	0,28	0,24	0,23	0,2
	16 m <sup>3</sup> /h	0,59	0,51	0,44	0,39	0,36	0,32
	20 m <sup>3</sup> /h	0,83	0,73	0,64	0,57	0,53	0,47
	24 m <sup>3</sup> /h	1,12	0,98	0,87	0,79	0,74	0,66
	28 m <sup>3</sup> /h	1,44	1,27	1,14	1,03	0,97	0,88
	32 m <sup>3</sup> /h	1,8	1,6	1,44	1,31	1,24	1,13
	36 m <sup>3</sup> /h	2,2	1,97	1,77	1,63	1,54	1,41
	40 m <sup>3</sup> /h	2,65	2,37	2,14	1,98	1,87	1,72

Optimal flow  
 Peak flow  
 Non recommended flow

<b>Water consumption</b>						
<b>Regeneration L.</b>	598	777	1019	1359	1993	2915
<b>Brine tank volume</b>	350 x 2	350 x 2	350 x 2	500 x 2	500 x 2	750 x 2
<b>Vessel</b>	14 x 65	16 x 65	18 x 65	21 x 62	24 x 72	30 x 72
<b>Sílex 1,3 - 2,5 mm (kg)</b>	16 x 4	21 x 4	16 x 4	25 x 4	40 x 4	56 x 4
<b>Sílex 2 - 4 mm (kg)</b>	-	-	32 x 4	50 x 4	56 x 4	88 x 4

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 24 Vac  
 Connection: 1 1/2" BSP



Code	A	B	C	D	a	b
920064	1880	366	1674	206	1275	740
920065	1911	411	1705	206	1275	740
920066	1928	491	1722	206	1275	740
920067	1927	555	1721	206	1335	840
920068	2124	622	1918	206	1335	840
920069	2346	787	2140	206	1395	960 mm

## Watermark Series Simplex 755

This system is composed of a PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. Includes a double bottom and a safety valve.



Up-flow valve WS-755 made of heavy-duty Noryl and controlled by an horizontal piston. 2" connection.

Up-flow regeneration for a lower consumption of salt and water.

Watermark Series programmer for industrial applications.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured. This equipment allows proportional regeneration processes, consuming only the amount of salt needed to recharge the exhausted resin.

They contain water softening food-grade resin from GreenResin, which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



The silex base with different grain sizes optimises the water flow, thus improving the regeneration process.



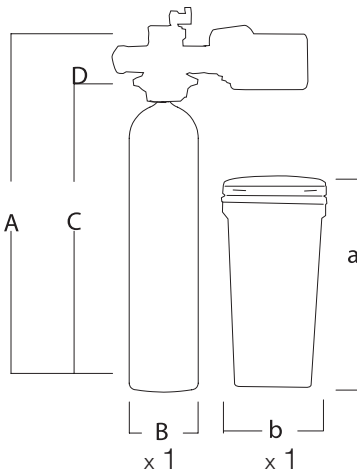
Code	920446	920447	920448	920449	920450	920451	920452	920453	
Model	MTS-755-1-200	MTS-755-1-285	MTS-755-1-425	MTS-755-1-566	MTS-755-1-650	MTS-755-1-735	MTS-755-1-850	MTS-755-1-1000	
Resin volume (l)	200	285	425	566	650	735	850	1000	
Exchange capacity (°Hf x m3) / Salt consumption (kg)									
Exchange capacity	96 g	957 19,2	1364 27,4	2034 40,8	2709 54,3	3111 62,4	3518 70,6	4068 81,6	4786 96,0
and salt consumption	161 g	1246 32,2	1775 45,9	2647 68,4	3525 91,1	4048 104,7	4577 118,3	5293 136,9	6228 161,0
chart	242 g	1488 48,4	2121 69,0	3163 102,9	4212 137,0	4837 157,3	5469 177,9	6325 205,7	7441 242,0

Flow	Pressure loss (kg/cm <sup>2</sup> )							
	0,52	0,48	0,41	0,37	0,38	0,39	0,35	0,36
4 m <sup>3</sup> /h	0,61	0,57	0,48	0,43	0,44	0,45	0,41	0,42
5 m <sup>3</sup> /h	0,71	0,66	0,55	0,49	0,50	0,52	0,47	0,48
6 m <sup>3</sup> /h	0,82	0,75	0,63	0,55	0,57	0,59	0,53	0,55
7 m <sup>3</sup> /h	0,93	0,85	0,71	0,63	0,65	0,67	0,60	0,62
8 m <sup>3</sup> /h	1,04	0,96	0,80	0,71	0,73	0,75	0,67	0,70
9 m <sup>3</sup> /h	1,17	1,07	0,89	0,79	0,82	0,85	0,76	0,78
10 m <sup>3</sup> /h	1,30	1,20	1,00	0,89	0,92	0,95	0,85	0,88
11 m <sup>3</sup> /h	1,44	1,33	1,11	0,99	1,02	1,05	0,95	0,98
12 m <sup>3</sup> /h	N/A	1,47	1,24	1,11	1,14	1,18	1,06	1,09
13 m <sup>3</sup> /h	N/A	1,62	1,37	1,23	1,26	1,30	1,18	1,21
14 m <sup>3</sup> /h	N/A	1,79	1,51	1,36	1,40	1,44	1,31	1,35
15 m <sup>3</sup> /h	N/A	N/A	1,68	1,52	1,56	1,60	1,46	1,50
16 m <sup>3</sup> /h	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- Optimal flow
- Peak flow
- Non recommended flow

<b>Water consumption</b>								
<b>Regeneration L.</b>	1359	1993	2915	3962	4273	5145	5950	7000
<b>Brine tank volume</b>	500	500	750	1500	1500	1500	1500	2000
<b>Vessel</b>	21x62	24x72	30x72	36x72	36x72	42x72	42x72	42x72
<b>Sillex 1,3 - 2,5 mm (kg)</b>	25	40	56	56	56	86	86	86
<b>Sillex 2 - 4 mm (kg)</b>	50	56	88	99	99	152	152	152

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 12 Vac  
 Connection: 2" BSP



Code	A	B	C	D	a	b
920446	2072	491	1722	350	1275	740
920447	2071	555	1721	350	1335	840
920448	2268	622	1918	350	1335	840
920449	2490	787	2140	350	1335	960
920450	2500	931	2150	350	1575	1240
920451	2745	1235	2395	350	1575	1240
920452	2745	1235	2395	350	1575	1240
920453	2745	1235	2395	350	1575	1240 mm

Code	Packaging units	Description
920122	1	Solenoid valve control kit



## Watermark Series 755 x 2

This system is composed of two PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. Includes a double bottom and a safety valve.



Up-flow valve WS-755 made of heavy-duty Noryl and controlled by an horizontal piston. 2" connection. up-flow regeneration for a lower consumption of salt and water.

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



MTS programmer.

The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



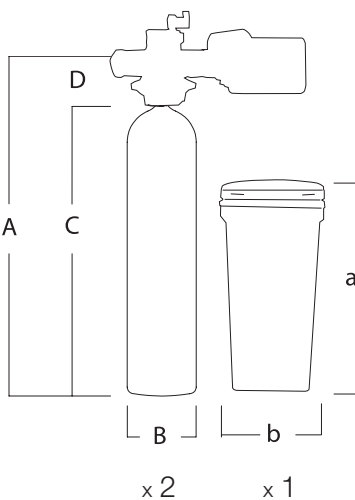
Code	920454	920455	920456	920457	920458	920459	920460	920461	
Model	MTS-755-2-200	MTS-755-2-285	MTS-755-2-425	MTS-755-2-566	MTS-755-2-650	MTS-755-2-730	MTS-755-2-850	MTS-755-2-1000	
Resin volume (l)	200 x 2	285 x 2	425 x 2	566 x 2	650 x 2	735 x 2	850 x 2	1000 x 2	
Exchange capacity (°Hf x m3) / Salt consumption (kg)									
Exchange capacity	96 g	1914 19,2	2728 27,4	4068 40,8	5418 54,3	6222 62,4	7036 70,6	8137 76,8	9572 96,0
and salt consumption	161 g	2491 32,2	3550 45,9	5293 68,4	7050 91,1	8096 104,7	9155 118,3	10587 128,8	12455 161,0
chart	242 g	2977 48,4	4242 69,0	6325 102,9	8424 137,0	9674 157,3	10939 177,9	12650 193,6	14883 242,0

	Flow		Pressure loss (kg/cm <sup>2</sup> )							
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	8 m3/h	0,52	0,48	0,41	0,37	0,38	0,39	0,35	0,36	
	10 m3/h	0,61	0,57	0,48	0,43	0,44	0,45	0,41	0,42	
	12 m3/h	0,71	0,66	0,55	0,49	0,50	0,52	0,47	0,48	
	14 m3/h	0,82	0,75	0,63	0,55	0,57	0,59	0,53	0,55	
	16 m3/h	0,93	0,85	0,71	0,63	0,65	0,67	0,60	0,62	
	18 m3/h	1,04	0,96	0,80	0,71	0,73	0,75	0,67	0,70	
	20 m3/h	1,17	1,07	0,89	0,79	0,82	0,85	0,76	0,78	
	22 m3/h	1,30	1,20	1,00	0,89	0,92	0,95	0,85	0,88	
	24 m3/h	1,44	1,33	1,11	0,99	1,02	1,05	0,95	0,98	
	26 m3/h	N/A	1,47	1,24	1,11	1,14	1,18	1,06	1,09	
28 m3/h	N/A	1,62	1,37	1,23	1,26	1,30	1,18	1,21		
30 m3/h	N/A	1,79	1,51	1,36	1,40	1,44	1,31	1,35		
32 m3/h	N/A	N/A	1,68	1,52	1,56	1,60	1,46	1,50		

- Optimal flow
- Peak flow
- Non recommended flow

<b>Water consumption</b>								
<b>Regeneration L.</b>	1359	1993	2915	3962	4273	5145	5950	7000
<b>Brine tank volume</b>	500	500	750	1500	1500	1500	1500	2000
<b>Vessel</b>	18x65	21x62	24x72	30x72	36x72	42x72	42x72	42x72
<b>Sillex 1,3 - 2,5 mm (kg)</b>	16x2	25x2	40x2	56x2	56x2	86x2	86x2	86x2
<b>Sillex 2 - 4 mm (kg)</b>	32x2	50x2	56x2	88x2	99x2	152x2	152x2	152x2

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 12 Vac  
 Connection: 2" BSP



Code	A	B	C	D	a	b
920454	2072	491	1722	350	1275	740
920455	2071	555	1721	350	1335	840
920456	2268	622	1918	350	1335	840
920457	2490	787	2140	350	1335	960
920458	2500	931	2150	350	1575	1240
920459	2745	1235	2395	350	1575	1240
920460	2745	1235	2395	350	1575	1240
920461	2745	1235	2395	350	1575	1240 mm

## Watermark Series 755 x 3



This system is composed of three PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. Includes a double bottom and a safety valve.

Up-flow valve WS-755 made of heavy-duty Noryl and controlled by an horizontal piston. 2" connection. up-flow regeneration for a lower consumption of salt and water.

**Watermark-MTS controller:** it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

**Advance settings:** block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

**Multilingual display:** English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from **GreenResin** which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



MTS programmer.

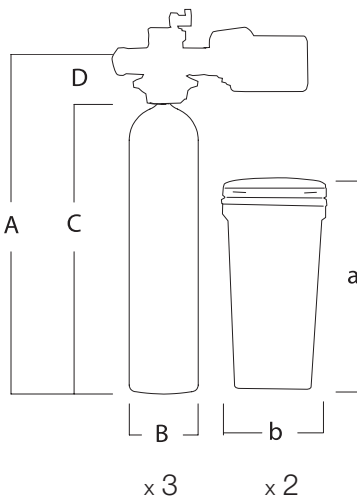


Code	920462	920463	920464	920465	920466	920467	920468	920469	
Model	MTS-755-3-200	MTS-755-3-285	MTS-755-3-425	MTS-755-3-566	MTS-755-3-650	MTS-755-3-735	MTS-755-3-850	MTS-755-3-1000	
Resin volume (l)	200 x 3	285 x 3	425 x 3	566 x 3	650 x 3	735 x 3	850 x 3	1000 x 3	
Exchange capacity (°Hf x m3) / Salt consumption (kg)									
Exchange capacity	96 g	2872 19,2	4092 27,4	6102 40,8	8127 54,3	9333 62,4	10554 70,6	12205 81,6	14359 96,0
and salt consumption	161 g	3737 32,2	5325 45,9	7940 68,4	10574 91,1	12144 104,7	13732 118,3	15880 136,9	18683 161,0
chart	242 g	4465 48,4	6362 69,0	9488 102,9	12635 137,0	14511 157,3	16408 177,9	18976 205,7	22324 242,0

	Flow		Pressure loss (kg/cm <sup>2</sup> )						
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	12 m3/h	0,52	0,48	0,41	0,37	0,38	0,39	0,35	0,36
	15 m3/h	0,61	0,57	0,48	0,43	0,44	0,45	0,41	0,42
	18 m3/h	0,71	0,66	0,55	0,49	0,50	0,52	0,47	0,48
	21 m3/h	0,82	0,75	0,63	0,55	0,57	0,59	0,53	0,55
	24 m3/h	0,93	0,85	0,71	0,63	0,65	0,67	0,60	0,62
	27 m3/h	1,04	0,96	0,80	0,71	0,73	0,75	0,67	0,70
	30 m3/h	1,17	1,07	0,89	0,79	0,82	0,85	0,76	0,78
	33 m3/h	1,30	1,20	1,00	0,89	0,92	0,95	0,85	0,88
	36 m3/h	1,44	1,33	1,11	0,99	1,02	1,05	0,95	0,98
Optimal flow	39 m3/h	N/A	1,47	1,24	1,11	1,14	1,18	1,06	1,09
Peak flow	42 m3/h	N/A	1,62	1,37	1,23	1,26	1,30	1,18	1,21
	45 m3/h	N/A	1,79	1,51	1,36	1,40	1,44	1,31	1,35
Non recommended flow	48 m3/h	N/A	N/A	1,68	1,52	1,56	1,60	1,46	1,50

Water consumption								
Regeneration L.	1359	1993	2915	3962	4273	5145	5950	7000
Brine tank volume	500x2	500x2	750x2	1500x2	1500x2	1500x2	1500x2	2000x2
Vessel	18x65	21x62	24x72	30x72	36x72	42x72	42x72	42x72
Sillex 1,3 - 2,5 mm (kg)	16x3	25x3	40x3	56x3	56x3	86x3	86x3	86x3
Sillex 2 - 4 mm (kg)	32x3	50x3	56x3	88x3	99x3	152x3	152x3	152x3

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 12 Vac  
 Connection: 2" BSP



Code	A	B	C	D	a	b
920462	2072	491	1722	350	1275	740
920463	2071	555	1721	350	1335	840
920464	2268	622	1918	350	1335	840
920465	2490	787	2140	350	1335	960
920466	2500	931	2150	350	1575	1240
920467	2745	1235	2395	350	1575	1240
920468	2745	1235	2395	350	1575	1240
920469	2745	1235	2395	350	1575	1240 mm

## Watermark Series 755 x 4

This system is composed of four PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. Includes a double bottom and a safety valve.



Up-flow valve WS-755 made of heavy-duty Noryl and controlled by an horizontal piston. 2" connection. up-flow regeneration for a lower consumption of salt and water.

Watermark-MTS controller: it controls the function of all the columns allowing an effective management of the installation as well as a great control of it. It also permits to configurate the systems in different working ways: alternative, parallel or peak flow.

Advance settings: block concrete time periods of regenerations, configurable relay outputs, pre and post dosing control.

Multilingual display: English, French, Spanish, German, Russian and Italian.

The desired regeneration can be chosen here: chronometric, metered immediate, delayed or mixed.

Also, all working parameters can be configured.

It contains water softening food-grade resin from GreenResin which features a great capacity and is supplied in 25 liters bags.

Silex distributing base with different grain sizes.



The silex base with different grain sizes optimises, the water flow, thus improving the regeneration process.



MTS programmer.



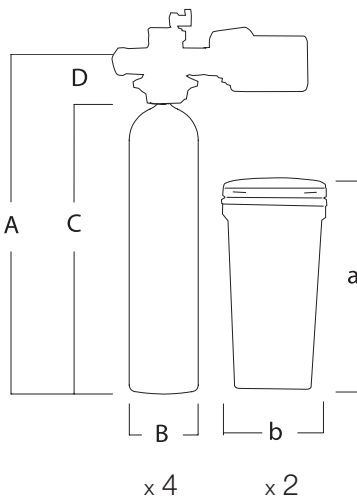


Code	920470	920471	920472	920473	920474	920475	920476	920477	
Model	MTS-755-4-200	MTS-755-4-285	MTS-755-4-425	MTS-755-4-566	MTS-755-4-650	MTS-755-4-735	MTS-755-4-850	MTS-755-4-1000	
Resin volume (l)	200 x 4	285 x 4	425 x 4	566 x 4	650 x 4	735 x 4	850 x 4	1000 x 4	
Exchange capacity (°Hf x m <sup>3</sup> ) / Salt consumption (kg)									
Exchange capacity	96 g	3829 27,4	5456 19,2	8137 40,8	10836 54,3	12444 62,4	14071 70,6	16273 81,6	19145 96,0
and salt consumption	161 g	4982 45,9	7099 32,2	10587 68,4	14099 91,1	16192 104,7	18309 118,3	21174 136,9	24910 161,0
chart	242 g	5953 69,0	8483 48,4	12650 102,9	16847 137,0	19348 157,3	21878 177,9	25301 205,7	29766 242,0

	Flow		Pressure loss (kg/cm <sup>2</sup> )						
NOTE: Flows calculated by parallel working systems. In case it works in alternative multiply by 0,5.	16 m <sup>3</sup> /h	0,52	0,48	0,41	0,37	0,38	0,39	0,35	0,36
	20 m <sup>3</sup> /h	0,61	0,57	0,48	0,43	0,44	0,45	0,41	0,42
	24 m <sup>3</sup> /h	0,71	0,66	0,55	0,49	0,50	0,52	0,47	0,48
	28 m <sup>3</sup> /h	0,82	0,75	0,63	0,55	0,57	0,59	0,53	0,55
	32 m <sup>3</sup> /h	0,93	0,85	0,71	0,63	0,65	0,67	0,60	0,62
	36 m <sup>3</sup> /h	1,04	0,96	0,80	0,71	0,73	0,75	0,67	0,70
	40 m <sup>3</sup> /h	1,17	1,07	0,89	0,79	0,82	0,85	0,76	0,78
	44 m <sup>3</sup> /h	1,30	1,20	1,00	0,89	0,92	0,95	0,85	0,88
	48 m <sup>3</sup> /h	1,44	1,33	1,11	0,99	1,02	1,05	0,95	0,98
Optimal flow	52 m <sup>3</sup> /h	N/A	1,47	1,24	1,11	1,14	1,18	1,06	1,09
Peak flow	56 m <sup>3</sup> /h	N/A	1,62	1,37	1,23	1,26	1,30	1,18	1,21
Non recommended flow	60 m <sup>3</sup> /h	N/A	1,79	1,51	1,36	1,40	1,44	1,31	1,35
	64 m <sup>3</sup> /h	N/A	N/A	1,68	1,52	1,56	1,60	1,46	1,50

Water consumption								
Regeneration L.	1359	1993	2915	3962	4273	5145	5950	7000
Brine tank volume	500x2	500x2	750x2	1500x2	1500x2	1500x2	1500x2	2000x2
Vessel	18x65	21x62	24x72	30x72	36x72	36x72	42x72	42x72
Silex 1,3 - 2,5 mm (kg)	16x4	25x4	40x4	56x4	56x4	56x4	86x4	86x4
Silex 2 - 4 mm (kg)	32x4	50x4	56x4	88x4	99x4	99x4	152x4	152x4

Working pressure: 2 - 8,5 bar  
 Working temperature: 4 - 40 °C  
 Electrical voltage: 110 / 240 Vac - 12 Vac  
 Connection: 2" BSP



Code	A	B	C	D	a	b
920470	2072	491	1722	350	1275	740
920471	2071	555	1721	350	1335	840
920472	2268	622	1918	350	1335	840
920473	2490	787	2140	350	1335	960
920474	2500	931	2150	350	1575	1240
920475	2745	1235	2395	350	1575	1240
920476	2745	1235	2395	350	1575	1240
920477	2745	1235	2395	350	1575	1240 mm

## Nitrate removal systems of the Watermark Series 470, 530, 655, 755

This system is composed of a PRFV Greentank bottle with upper and lower distributors, and a salt tank made of polyethylene with enough capacity for several regenerations. It has a double bottom and a safety valve. Control valves are made of heavy-duty Noryl and controlled by a piston.



Valve WS470UF: Countercurrent regeneration, advanced electronic programmer, 1" connection.

Valve WS530UF: Countercurrent regeneration, advanced electronic programmer, 1" connection.

Valve WS655UF: Standard regeneration, advanced electronic programmer, 1 1/2" connection.

Valve WS755UF: Standard regeneration, advanced electronic programmer, 2" connection.

It contains selective nitrate removal resin, which features a great capacity and is supplied in 25 litre bags.

Silex distributing base with different grain sizes in order to optimise the distribution of brine and improve the regeneration process.

### Technical specifications:

Minimum pressure: 2 kg/cm<sup>2</sup>.

Maximum pressure: 6 kg/cm<sup>2</sup>.

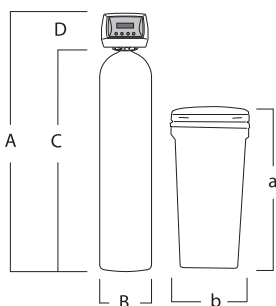
Minimum temperature: 4 °C.

Maximum temperature: 40 °C.

Power supply 220V-12V (transformer included).

Optional bypass.

Code	Packaging units	Description	Resin volume L	Connection Ø	Vessel	Salt tank litres	Working flow m <sup>3</sup> /h	Peak flow m <sup>3</sup> /h
920213	1	WSDN470UF-15	15	15	8 x 35	70	0,5	0,6
920214	1	WSDN470UF-25	25	25	10 x 35	70	0,8	1,0
920215	1	WSDN470UF-45	45	45	10 x 54	145	1,4	1,8
920216	1	WSDN470UF-75	75	75	13 x 54	200	2,4	3,0
920217	1	WSDN470UF-100	100	100	14 x 65	200	3,2	4,0
920411	1	WSDN530UF-125	125	125	16 x 65	350	4,0	5,0
920412	1	WSDN530UF-150	150	150	18 x 65	500	4,8	6,0
920413	1	WSDN530UF-175	175	175	18 x 65	500	5,6	6,3
920414	1	WSDN530UF-200	200	200	21 x 62	500	6,3	6,3
920415	1	WSDN530UF-225	225	225	21 x 62	750	6,3	6,3
920026	1	WSDN655-250	250	250	24 x 72	500	8,0	10,5
920028	1	WSDN655-350	350	350	30 x 72	750	10,5	10,5
920029	1	WSDN655-400	400	400	30 x 72	1000	10,5	10,5
920230	1	WSDN755UF-450	450	450	30 x 72	1000	14,4	15,9
920231	1	WSDN755UF-500	500	500	30 x 72	1000	15,9	15,9
920232	1	WSDN755UF-550	550	550	36 x 72	1500	15,9	15,9
920233	1	WSDN755UF-600	600	600	36 x 72	1500	15,9	15,9
920234	1	WSDN755UF-700	700	700	42 x 72	1500	15,9	15,9
920235	1	WSDN755UF-800	800	800	42 x 72	1500	15,9	15,9



Code	A	B	C	D	a	b
920213	1047	215	897	150	810	390
920214	1043	268	893	150	810	390
920215	1531	268	1381	150	950	516
920216	1548	349	1398	150	1160	550
920217	1824	366	1674	150	1160	550
920411	1906	411	1706	200	1275	740
920412	1922	491	1722	200	1335	840
920413	1922	491	1722	200	1335	840
920414	1921	555	1721	200	1335	840
920415	1921	555	1721	200	1395	960 mm

Code	A	B	C	D	a	b
920026	2124	622	1918	206	1335	840
920028	2346	784	2140	206	1395	960
920029	2346	787	2140	206	1460	1080
920030	2346	787	2140	206	1080	1460
920031	2346	787	2140	206	1080	1460
920032	2356	931	2150	206	1575	1240
920033	2356	931	2150	206	1575	1240
920034	2745	1235	2395	350	1575	1240
920035	2745	1235	2395	350	1575	1240 mm

Code	Salt/regen. KgNaCl	Treated water volume m <sup>3</sup> /NO <sub>3</sub>				Resin volume litres
		75 ppm	100 ppm	150 ppm	200 ppm	
920213	3,8	5,4	4,1	2,6	2,0	15
920214	6,3	9,0	6,8	4,4	3,3	25
920215	11,3	16,3	12,3	7,9	5,9	45
920216	18,8	27,1	20,5	13,1	9,8	75
920217	25,0	36,1	27,3	17,5	13,1	100
920411	31,3	45,1	34,1	21,9	16,4	125
920412	37,5	54,2	41,0	26,3	19,7	150
920413	43,8	63,2	47,8	30,6	22,9	175
920414	50,0	72,2	54,6	35,0	26,2	200
920415	56,3	81,2	61,4	39,4	29,5	225
920026	62,5	90,3	68,2	43,8	32,7	250
920028	87,5	126	95,5	61,3	45,8	350
920029	100	144	109	70,0	52,3	400
920230	113	162	122,6	78,8	58,8	450
920231	125	180	136,3	87,5	65,4	500
920232	138	198	149,9	96,3	71,9	550
920233	150	216	163,5	105	78,5	600
920234	175	252	190	122,5	91,5	700
920235	200	288	218	140	104,6	800

Code	Packaging units	Description	Valves
920122	1	Electrovalve shut-off control kit	WS470-530-655
960177	1	Isolation by-pass	WS530

**NOTE:** In function of the concentration of sulphates in inlet water, the cycle of the device and the leakage of nitrates may vary.

[NO <sub>3</sub> <sup>2</sup> ]	% leakage	[NO <sub>3</sub> <sup>2</sup> ]	% leakage
75 ppm	26	150 ppm	20
100 ppm	23	200 ppm	17

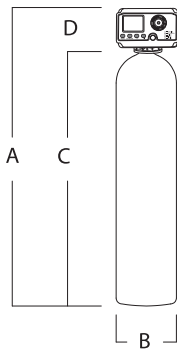
**Volume of water calculated on the basis of 250 ppm of sulphates.**

## Multi-layer Automatic Filters

Reduction of turbidity in water. Silex filtering load with different grain sizes and filtering hydro-anthracite.



655



Bottle	A	B	C	D
8x35	1072	215	897	175
10x54	1556	255	1381	175
13x54	1598	349	1398	200
14x65	1874	366	1674	200
16x65	1911	411	1705	206
18x65	1928	491	1722	206
21x62	1927	555	1721	206
24x72	2124	622	1918	206 mm

Advanced multilingual electronic programmer that allows to control all operating parameters, including the duration of the different stages, the type of regeneration, etc.

It contains a filtering load of silex with different grain sizes and filtering hydro-anthracite. It is supplied in bags.

Built-in bypass.

### Technical specifications:

Min. pressure: 2 kg/cm<sup>2</sup>.

Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply 220 V - 12 V



470



530



755

Code	Description	Ø Connection	Vessel	Filtering surface m <sup>2</sup>	Working flow m <sup>3</sup> /h filtering speed			Backwash flow m <sup>3</sup> /h	Filtering load	
					10	15	20		Silex	Anthracite
920202	WSFD470-17	1"	8 x 35	0,03	0,3	0,5	0,6	1,2	22	13
920203	WSFD470-45	1"	10 x 54	0,05	0,5	0,8	1,0	2	52	10
920419	WSFD530-75	1"	13 x 54	0,09	0,9	1,4	1,8	3,6	85	17
920420	WSFD530-100	1"	14 x 65	0,10	1,0	1,5	2,0	4	120	20
920104	WSFD655-125	1 1/2"	16 x 65	0,13	1,3	2,0	2,6	5,2	149	26
920105	WSFD655-175	1 1/2"	18 x 65	0,16	1,6	2,5	3,3	6,6	215	33
920124	WSFD655-200	1 1/2"	21 x 62	0,22	2,2	3,3	4,4	8,8	230	45
920150	WSFD755-300	2"	24 x 72	0,26	2,6	3,9	5,2	10,4	350	60
920141	WSFD655-175x2	1 1/2"	2 uds. x 18 x 65	0,32	3,2	5,0	6,6	6,6	430	66
920142	WSFD655-200x2	1 1/2"	2 uds. x 21 x 62	0,44	4,4	6,6	8,8	8,8	460	90
920150	WSFC755-300x2	2"	2 uds. x 24 x 72	0,52	5,2	7,8	10,4	7,8	700	120

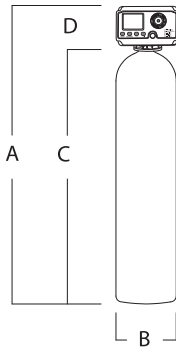


## Activated Carbon Automatic Filters

Reduction of the level of chlorine in water, absorption of organic and volatile substances.  
Filtering load of coconut shell activated carbon.



655



Bottle	A	B	C	D
8x35	1072	215	897	175
10x54	1556	255	1381	175
13x54	1598	349	1398	200
14x65	1874	366	1674	200
16x65	1905	411	1705	200
18x65	1922	491	1722	200
21x62	1927	555	1721	206
24x72	2124	622	1918	206
30x72	2346	787	2140	206 mm

Advanced multilingual electronic programmer that allows to control all operating parameters, including the duration of the different stages, the type of regeneration, etc.

Contains a filtering load of coconut shell activated carbon.

It is supplied in bags.

Easysmart programmer. High flow.

### Technical specifications:

Min. pressure: 2 kg/cm<sup>2</sup>.

Max. pressure: 6 kg/cm<sup>2</sup>.

Min. temperature: 4 °C.

Max. temperature: 35 °C.

Power supply 220 V - 12 V



470



530



755

Code	Description	Ø Connection	Vessel	Filtering surface m <sup>2</sup>	Working flow m <sup>3</sup> /h filtering speed			Backwash flow m <sup>3</sup> /h	Active carbon	
					10	15	20		l	kg
920200	WSFC470-17	1"	8 x 35	0,03	0,3	0,5	0,6	0,9	17	8,5
920201	WSFC470-45	1"	10 x 54	0,05	0,5	0,8	1,0	1,5	45	22,5
920425	WSFC530-75	1"	13 x 54	0,09	0,9	1,3	1,7	2,6	75	37,5
920416	WSFC530-100	1"	14 x 65	0,10	1,0	1,5	2,0	3,0	100	50
920417	WSFC530-125	1"	16 x 65	0,13	1,3	2,0	2,6	3,9	125	62,5
920418	WSFC530-175	1"	18 x 65	0,16	1,6	2,4	3,2	4,8	175	87,5
920112	WSFC655-200	1 1/2"	21 x 62	0,22	2,2	3,3	4,4	6,6	200	100
920113	WSFC655-300	1 1/2"	24 x 72	0,26	2,9	4,4	5,8	8,8	300	150
920152	WSFC755-400	2"	30 x 72	0,44	4,4	6,6	8,8	13,2	400	200
920136	WSFC655-200x2	1 1/2"	2 uds. x 21 x 62	0,44	4,4	6,5	8,8	6,6	400	200
920138	WSFC655-300x2	1 1/2"	2 uds. x 24 x 72	0,52	5,8	8,8	11,6	8,8	600	300
920153	WSFC755-400x2	2"	2 uds. x 30 x 72	0,88	8,8	13,2	17,7	13,2	800	400

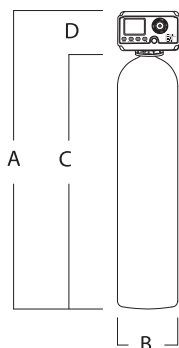


## Zeolites Automatic Filters

Reduction of turbidity in water. Zeolites filtering load with different grain sizes.



655



Bottle	A	B	C	D
7x44	1298	205	1123	175
8x44	1297	215	1122	175
9x48	1403	225	1228	175
10x54	1556	255	1381	175
12x52	1538	305	1338	200
13x54	1598	349	1398	200
14x65	1874	366	1674	200
16x65	1911	411	1705	206
18x65	1928	491	1722	206
21x62	1927	555	1721	206
24x72	2124	622	1918	206 mm

Advanced multilingual electronic programmer that allows to control all operating parameters, including the duration of the different stages, the type of regeneration, etc.

Contains a zeolites filtering load with different grain sizes. It is supplied in bags. Reduction of turbidity in water.

### Technical specifications:

Min. pressure: 2 kg/cm<sup>2</sup>.  
 Max. pressure: 6 kg/cm<sup>2</sup>.  
 Min. temperature: 4 °C.  
 Max. temperature: 35 °C.  
 Power supply 220 V - 12 V



470



530



755

Code	Description	Connection Ø	Vessel	Filtering surface m <sup>2</sup>	Working flow m <sup>3</sup> /h filtering speed			Backwash flow m <sup>3</sup> /h	Zeolites	
					30	40	50		l	Kg
920426	WSFZ470-17	1"	7 x 44	0,02	0,7	1	1,2	1	16	13
920427	WSFZ470-21	1"	8 x 44	0,03	1,0	1,3	1,6	1,3	22	17
920428	WSFZ470-30	1"	9 x 48	0,04	1,2	1,6	2,1	1,6	30	24
920429	WSFZ470-40	1"	10 x 54	0,05	1,5	2	2,5	2	40	32
920430	WSFZ530-60	1"	12 x 52	0,08	2,2	2,9	3,6	2,9	57	45
920431	WSFZ530-70	1"	13 x 54	0,09	2,6	3,4	4,3	3,4	69	55
920432	WSFZ530-100	1"	14 x 65	0,1	3,0	4	5	4	98	78
920433	WSFZ655-125	1 1/2"	16 x 65	0,13	3,9	5,2	6,5	5,2	124	99
920434	WSFZ655-170	1 1/2"	18 x 65	0,16	4,9	6,6	8,2	6,6	166	133
920435	WSFZ655-225	1 1/2"	21 x 62	0,22	6,7	8,9	11,2	8,9	214	171
920478	WSFZ755-300	2"	24 x 72	0,26	7,8	10,4	13	10,4	318	255

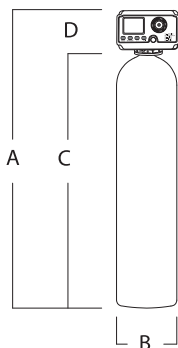


## Iron Removal Automatic Filters

Reduction of iron and manganese. Filtering load containing Katalox Light and filtering zeolite.



655



Bottle	A	B	C	D
8x35	1072	215	897	175
10x54	1556	255	1381	175
13x54	1598	349	1398	200
14x65	1874	366	1674	200
16x65	1905	411	1705	200
18x65	1922	491	1722	200
21x62	1927	555	1721	206
24x72	2124	622	1918	206 mm

Advanced multilingual electronic programmer that allows to control all operating parameters, including the duration of the different stages, the type of regeneration, etc.

Filtering loads containing Katalox Light and filtering zeolite. It is supplied in bags. Reduction of iron and manganese.

### Technical specifications:

- Min. pressure: 2 kg/cm<sup>2</sup>.
- Max. pressure: 6 kg/cm<sup>2</sup>.
- Min. temperature: 4 °C.
- Max. temperature: 35 °C.
- Power supply 220 V - 12 V



470



530



755

Code	Description	Connection Ø	Vessel	Filtering surface m <sup>2</sup>	Flow m <sup>3</sup> /h maximum	Backwash flow m <sup>3</sup> /h	Filtering load Kg	
							Zeolite	Katalox
920479	WSFE470-17	1"	8 x 35	0,03	0,2	1,0	1	17
920228	WSFE470-45	1"	10 x 54	0,05	0,6	1,6	2	43
920480	WSFE530-75	1"	13 x 54	0,09	1,0	2,7	3	74
920481	WSFE530-100	1"	14 x 65	0,10	1,4	3,2	6	103
920482	WSFE530-125	1"	16 x 65	0,13	1,8	4,1	8	130
920444	WSFE530-175	1"	18 x 65	0,16	2,4	5,8	14	173
920148	WSFE655-200	1 1/2"	21 x 62	0,22	3,0	7,4	20	219
920483	WSFE755-300	2"	24 x 72	0,26	3,7	9,0	33	332

## Ultraline diaphragm valves Duplex softener



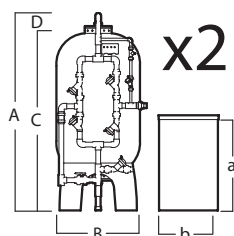
Duplex water softener composed by two bottles in GRP or Polyamida with internal distributors and brine tank in polyethylene. Alternative or parallel working, one vessel in service and the other in regeneration or stand-by. Controlled by an external diaphragm valves battery and commanded by a hydraulic distributor with electronic programmer. Flow meter included.

### Specifications

Min. Pressure: 2 kg/cm<sup>2</sup>.

Max. Pressure: 6 kg/cm<sup>2</sup>.

Working temperature: 4 at 35 °C.



Code	A	B	C	D	a	b
789025	2393	549	2143	250	1210	815
789026	2393	549	2143	250	1210	815
789027	2464	624	2214	250	1250	1100
789028	2464	624	2214	250	1250	1100
789004	2464	779	2214	250	1650	1100
789029	2464	779	2214	250	1650	1100
789030	2478	931	2228	250	1650	1100
789031	2478	931	2228	250	1650	1100
789032	2478	931	2228	250	1650	1100
789033	2655	1089	2405	250	1690	1280
789034	2655	1089	2405	250	1690	1280
789035	2655	1233	2405	250	1690	1280 mm

Code	Packaging units	Resin volum	Connection	35° F m <sup>3</sup>	40° F m <sup>3</sup>	50° F m <sup>3</sup>	60° F m <sup>3</sup>	Working flow m <sup>3</sup> /h	Salt consumption	Vessel
789025	1	2 x 200	1 1/2"	37,1	32,5	26,0	21,7	8	40	21 x 62
789026	1	2 x 250	1 1/2"	46,4	40,6	32,5	27,1	10	50	21 x 62
789027	1	2 x 300	2"	55,7	48,8	39,0	32,5	12	60	24 x 72
789028	1	2 x 350	2"	65,0	56,9	45,5	37,9	14	70	24 x 72
789004	1	2 x 450	2"	83,6	73,1	58,5	48,8	18	90	30 x 72
789029	1	2 x 500	2"	92,9	81,3	65,0	54,2	20	100	30 x 72
789030	1	2 x 550	2 1/2"	102	89,0	72,0	60,0	22	110	36 x 72
789031	1	2 x 650	2 1/2"	121	106	85,0	70,0	26	130	36 x 72
789032	1	2 x 750	2 1/2"	139	122	98,0	81,0	30	150	36 x 72
789033	1	2 x 850	3"	158	138	111	92,0	34	170	42 x 72
789034	1	2 x 1000	3"	186	163	130	108	40	200	42 x 72
789035	1	2 x 1200	3"	223	195	156	130	48	240	48 x 72

## Demineralizer. Complete equipment semiautomatic and automatic Siata series 132/250



Cationic container. Anionic container. 2 control valves. 2 automatic reagent valves. 2 reagent non-return valves. 2 reagent gauge valves. 2 reagent tanks. 1 Cut-off electrovalve for regeneration. Resins. Purge electrovalve. Control panel with microprocessor and conductivimeter. Sample taker. Rotameter. 20" turbidity filter. Painted iron and PVC front panel.

### Specifications:

Min. Pressure: 2,5 kg/cm<sup>2</sup>.  
 Max. Pressure: 7 kg/cm<sup>2</sup>.  
 Min. temperature: 5 °C.  
 Max. temperature: 30 °C.  
 Power supply 220 V.

Code	Packaging units	Description	Resin volum	Connection	Working flow m <sup>3</sup>
229500	1	Siata 132	50/50	1"	1,5
229600	1	Siata 132	75/75	1"	2,0
229700	1	Siata 132	100/100	1"	2,5
229800	1	Siata 132	125/125	1"	3,0
229900	1	Siata 250	175/175	1 1/2"	4,5
230000	1	Siata 250	200/200	1 1/2"	5,5

Code	Packaging units	Description
232400	1	Cationic 3/8 retention valve (red)
232500	1	Cationic 3/8 retention valve (black)







## 4. Domestic RO

RO Domestic

Regulators

In-line Classic and CS filters

Standard filters

Filmtec and Greenfilter RO membranes

Booster pumps

RO Components

Faucets

Pressurized storage tanks

Installation components

Water purifier for shower

Starfit products

# DOMESTIC RO



Equipment according to UNE 149101.



Components. An integral component of water treatment equipment certified by UNE 149101.

# NSF

According to the requirements of NSF.

# NSF

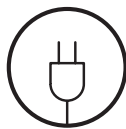
Contains components certified by NSF.



Binature Direct Flow. The most versatile direct flow RO.



Ecological



Electronic Adapter



Recomax membrane



Direct Access



Click



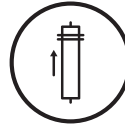
Self-diagnostics



Anti-Rust



Greenfilter Membrane



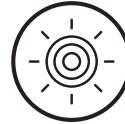
Original membrane



Remineralizer



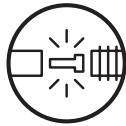
Greenfilter CS Postfilter



Led status



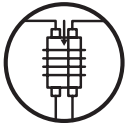
Capsulated membrane



Insert



Smart faucet



Shut off Valve



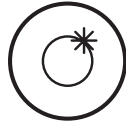
Mixing Valve



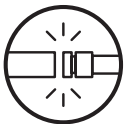
High performance



Solenoid Valve



Flushing



Quick Connectors



Direct Flow



Pressure Pump



Pressude Limiter



# LÄTT

DIRECT FLOW REVERSE OSMOSIS

**DB** Designed  
in Barcelona

Latest innovative direct flow RO.

#### Description

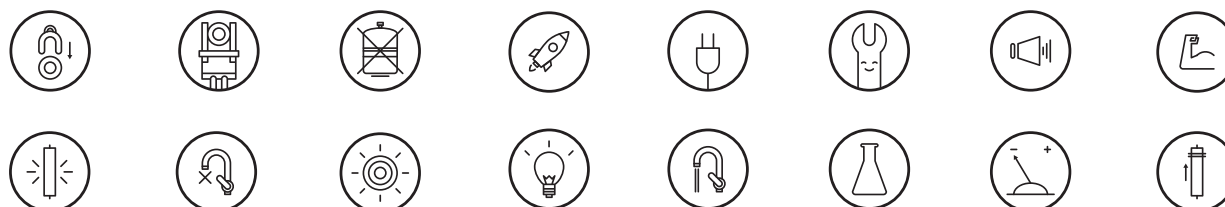
910122. RO LÄTT. Including a combi bayoneted pre filtration cartridge (sediment and carbon), 500 GPD capsulated membrane, post carbon block cartridge, leaking sensor, filter and membrane change timing, auto flushing and water quality detector always working while water is running. Mixing valve kit optional. Tactile buttons for different operations and information.



## Consummables for periodic maintenance

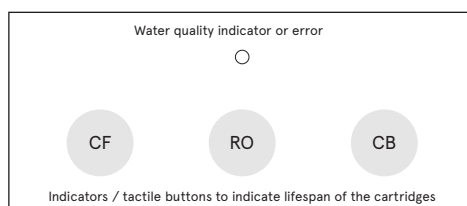


1. 910130. Combi cartridge CF.
2. 910132. 500 GPD reverse osmosis membrane.
3. 910131. Post-carbon Block cartridge.



## Features

Start and stop of the system	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the faucet is close and starts again when it is partially emptied.
AquaStop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Three different colors to show three different water qualities at the permeate water (blue, purple and red) depending on the TDS value. While running water it always shows the quality.
Filter change warning	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life each stage is about to expire or if it has already expired.
Front panel and interface	Front panel with three tactile buttons. Each refers to one stage of the system and gets on when having to replace it. It also advice by acoustic signals. Frontal led which indicates the quality of the outlet water depending on its TDS. This led also indicates in case there is an error as the system checks the internal electronics periodically

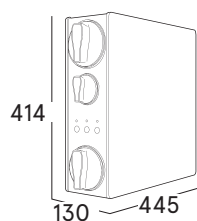


### WATER QUALITY INDICATORS COLORS

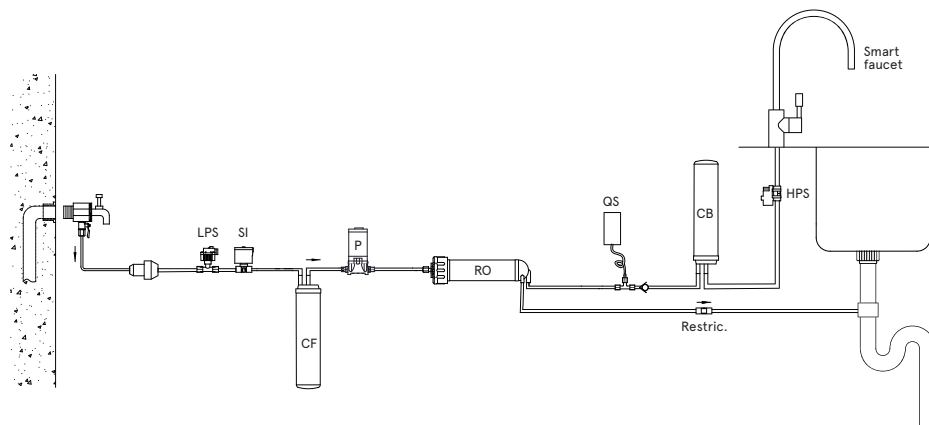
- Blue: TDS ≤ 100ppm
- Purple: 100ppm < TDS ≤ 150ppm
- Red: TDS > 150ppm

## Dimensions and weight

Weight: 12,45 kg



## Hydraulic diagram







## Bnature 4.0

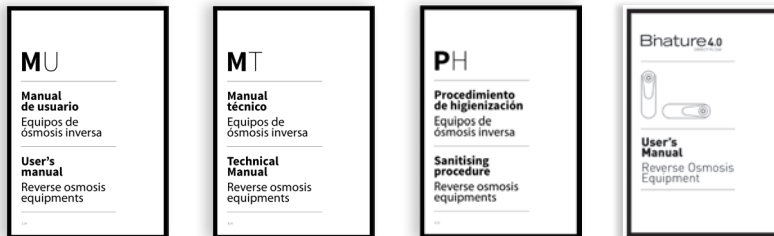
DIRECT FLOW

**DB** Designed  
in Barcelona

The most versatile direct flow RO.

### Description

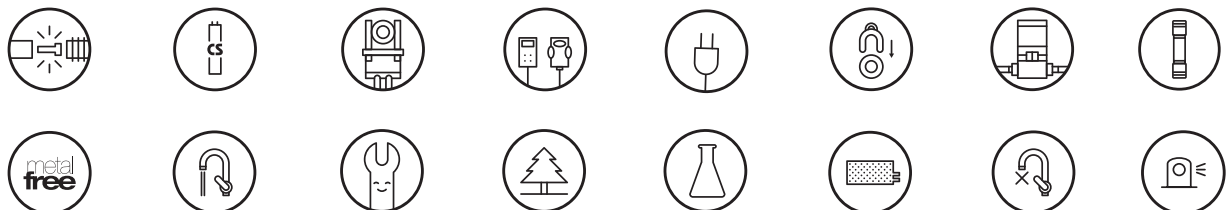
385157. RO SYSTEM BINATURE 4.0 MAGENTA. Including a combi cartridge (sediment 5µm and carbon), 3 x 180 GPD capsulated membranes (first two membranes in parallel and rejection of both goes to the third so ecofriendly recovery of 1 liter permeate – 1 liter drain). Leaking sensor, water quality detector, filter change timing. Mixing valve to blend filtrated water with RO water, pressure reducer, installation kit and metal free ceramic faucet.



### Consummables for periodic maintenance



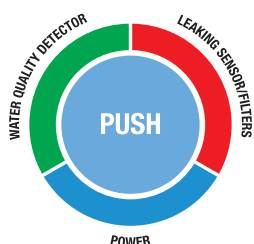
1. 291933. Gac PP encapsulated cartridge CS
2. 292709. Encapsulated membrane 180 GPD Greenfilter.
3. 292709. Encapsulated membrane 180 GPD Greenfilter.
4. 292709. Encapsulated membrane 180 GPD Greenfilter.



## Features

Start and stop of the system	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the faucet is close and starts again when it opens.
Aquastop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
Filter change warning	Warning system on the front panel using leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
PC connection	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

Front panel and interface Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

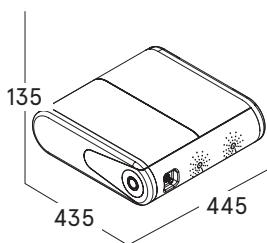


Light indicators	Acoustic signal	Meaning
	×	The system has no power supply.
	×	Electrically powered system.
		Indicator for low water quality (+ push button)
	×	Indicator for optimum water quality (+ push button)
	7 hours	A water leak has been detected. The system is blocked.
	7 hours	Filters must be replaced soon.
	7 hours	The service life of filters has expired.

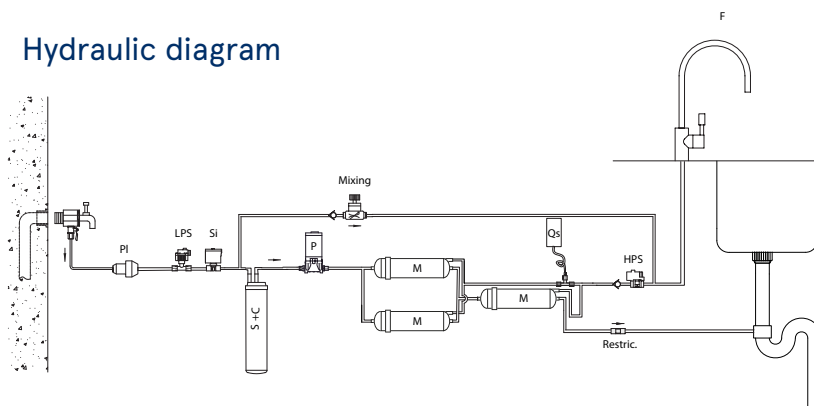
Simple flashing. Double flashing.

## Dimensions and weight

Weight: 12 kg



## Hydraulic diagram





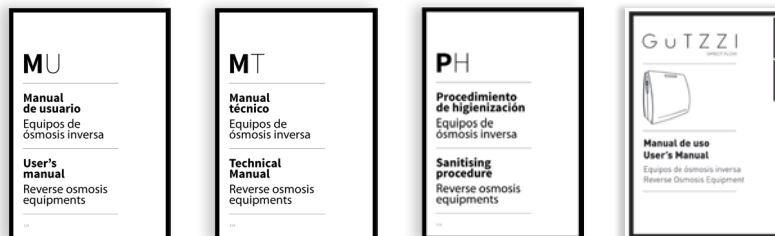
**GUTZZI** DF  
 ÓSMOSIS INVERSA - REVERSE OSMOSIS - OSMOSE INVERSE

**DB** Designed  
 in Barcelona

Innovative and comfortable design.  
 Magnetic opening system

#### Description

910038. RO SYSTEM GUTZZI DIRECT FLOW. Including a CS 5µm sediment cartridge, CS carbon cartridge and 3 x 180 GPD capsulated membranes (first two membranes in parallel and rejection of both goes to the third so ecofriendly recovery of 1 liter permeate - 1 liter drain). Leaking sensor, water quality detector, filter change timing, mixing valve to blend filtrated water with RO water, pressure reducer, installation kit and metal free ceramic faucet.



### Consummables for periodic maintenance

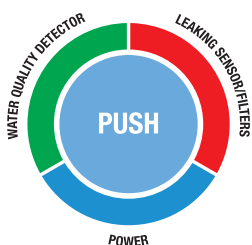


1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 292709. Encapsulated membrane 180 GPD Greenfilter.
4. 292709. Encapsulated membrane 180 GPD Greenfilter.
5. 292709. Encapsulated membrane 180 GPD Greenfilter.



## Features

Start and stop of the system	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the faucet is close and starts again when it opens.
Aquastop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
Filter change warning	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
PC connection	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.
Front panel and interface	Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

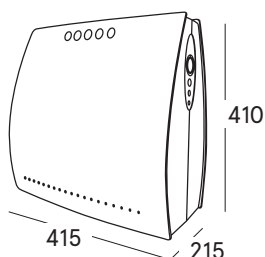


Light indicators	Acoustic signal	Meaning
	×	The system has power supply.
	×	Electrically powered system.
		Indicator for low water quality (+ push button)
	×	Indicator for optimum water quality (+ push button)
	7 hours	A water leak has been detected. The system is blocked.
	7 hours	Filters must be replaced soon.
	7 hours	The service life of filters has expired.

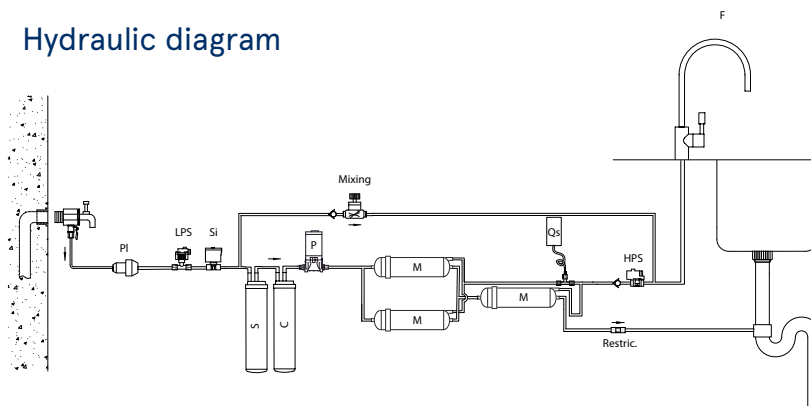
Simple flashing.    
 Double flashing.

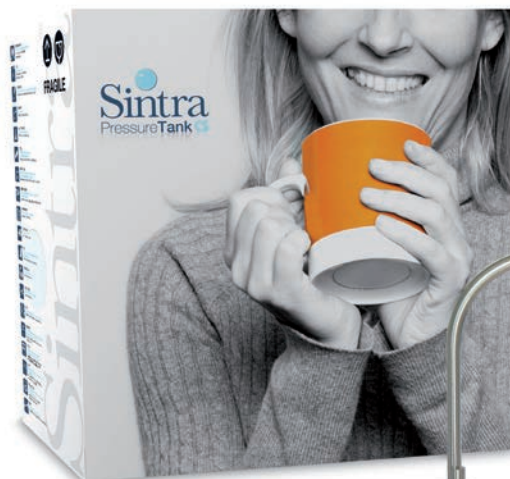
## Dimensions and weight

Weight: 12 kg



## Hydraulic diagram





The most avant-garde concept with tank built-in.

**Description**

793401. RO SYSTEM SINTRA CS PUMP 75GPD. 6 stages RO system including a CS 5µm sediment cartridge, 2xCS carbon GAC cartridges, Filmtec 75 GPD membrane and post remineralize cartridge. Leaking sensor, water quality detector, filter change timing, installation kit, metal free ceramic faucet and pressure tank already built-inside the case.

**MU**  
Manual de usuario  
Equipos de ósmosis inversa  
User's manual  
Reverse osmosis equipments

**MT**  
Manual técnico  
Equipos de ósmosis inversa  
Technical Manual  
Reverse osmosis equipments

**PH**  
Procedimiento de higienización  
Equipos de ósmosis inversa  
Sanitising procedure  
Reverse osmosis equipments

**FT**  
Ficha técnica  
Libro de servicio  
Data sheet  
Service book

**Consummables for periodic maintenance**



1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 292500. Reverse osmosis Filmtec membrane 75 GPD.
5. 291920. Remineralizer CS cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292718. Low rejection "recomax" 1812 membrane.





## Features

### Start and stop of the system

This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

### Water quality indicator

Parameterizing probe and quality control.  
Light indicator which shows when permeate conductivity is higher than the parameter value.

### Filter change warning

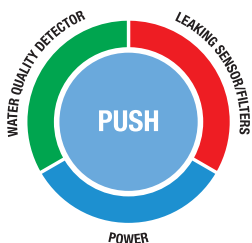
Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.

### PC connection

PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

### Front panel and interface

Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

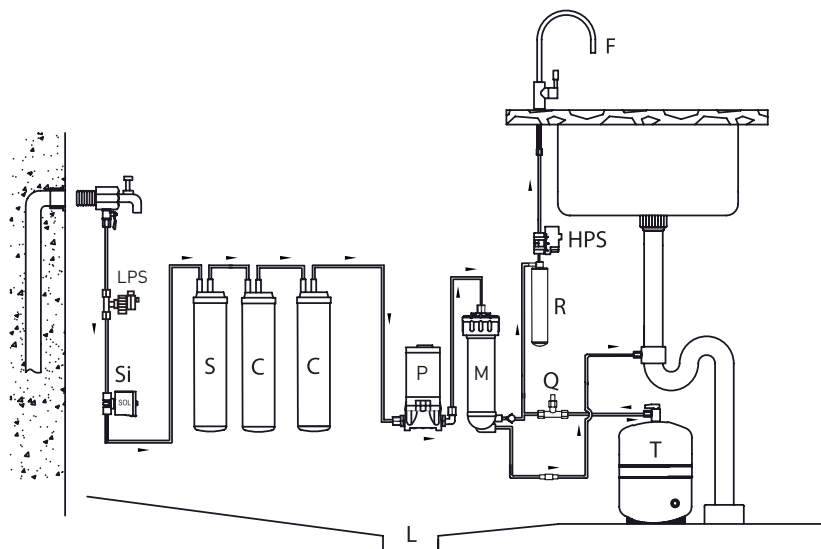
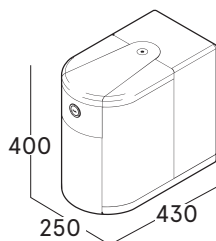


Light indicators	Acoustic signal	Meaning
	✕	The system has power supply.
	✕	Electrically powered system.
		Indicator for low water quality (+ push button)
	✕	Indicator for optimum water quality (+ push button)
	7 hours	A water leak has been detected. The system is blocked.
	7 hours	Filters must be replaced soon.
	7 hours	The service life of filters has expired.

Simple flashing. Double flashing.

## Dimensions and weight

Weight: 14 kg





**Advancé3<sup>CS</sup>**  
Reverse Osmosis

**DB** Designed in Barcelona

Most recognized and known Puricom compact RO design.

**Description**

407301. RO SYSTEM ADVANCE 3 CS PUMP. 5 stage RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, Greenfilter 50 GPD membrane and post remineralize cartridge. Leaking sensor, water quality detector, filter change timing, installation kit, metal free ceramic faucet and pressure tank already built-inside the case.

**MU**  
Manual de usuario  
Equipos de ósmosis inversa  
User's manual  
Reverse osmosis equipments

**MT**  
Manual técnico  
Equipos de ósmosis inversa  
Technical Manual  
Reverse osmosis equipments

**PH**  
Procedimiento de higienización  
Equipos de ósmosis inversa  
Sanitising procedure  
Reverse osmosis equipments

**FT**  
Ficha técnica  
Libro de servicio  
Data sheet  
Service book

**Consummables for periodic maintenance**



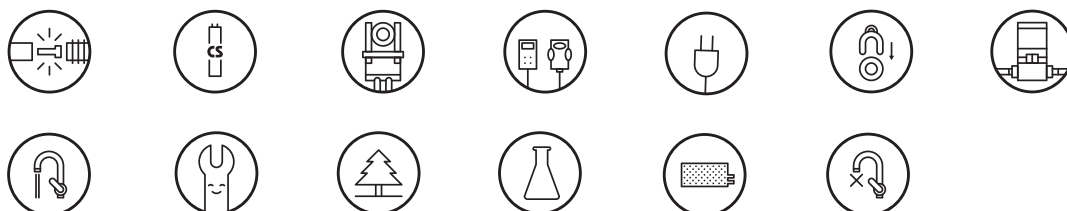
1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 767201. Reverse osmosis Greenfilter membrane 50 GPD.
5. 291920. Remineralizer CS cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292718. Low rejection "recomax" 1812 membrane.



## Features

### Start and stop of the system

This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

### Water quality indicator

Parameterizing probe and quality control.  
Light indicator which shows when permeate conductivity is higher than the parameter value.

### Filter change warning












Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.

### PC connection

PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

### Front panel and interface

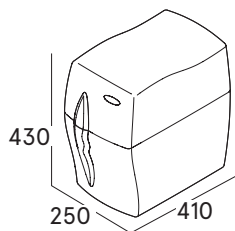
Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

Light indicators	Acoustic signal	Meaning
	✕	The system has no power supply.
	✕	The system is working properly.
		Indicator for low water quality (+ push button)
	✕	Indicator for optimum water quality (+ push button)
	 7 hours	A water leak has been detected. The system is blocked.
	 7 hours	Filters must be replaced soon.
	 7 hours	The service life of filters has expired.

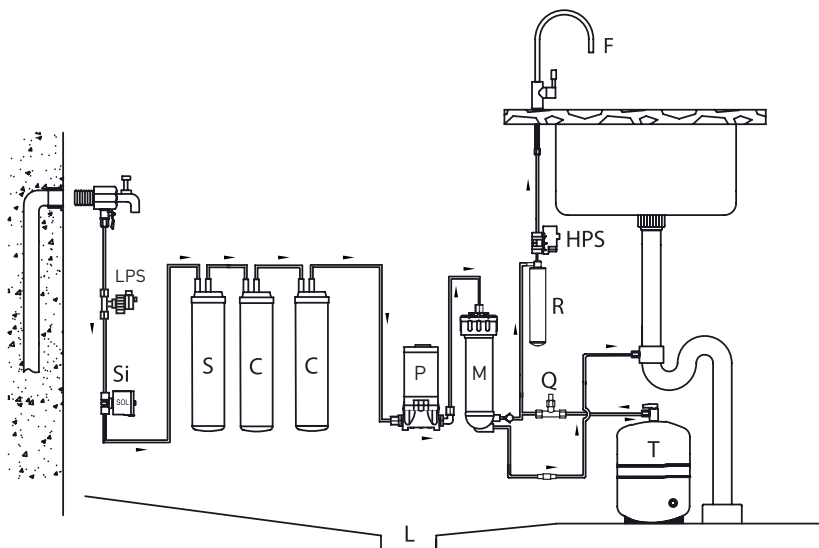
 Simple flashing.  Double flashing.

## Dimensions and weight

Weight: 13 kg



## Hydraulic diagram pump





**INFINITY 1.07**  
LOW REJECTION SYSTEM

**DB** Designed in Barcelona

The most environmentally friendly RO.  
1 liter production – 0,7 liter drain

**Description**

910106. RO SYSTEM INFINITY 1.07. 6 stages RO system including a CS 5µm sediment cartridge, 2 X CS carbon GAC cartridge, Recomax membrane and post remineralize cartridge. Leaking sensor, water quality detector, filter change timing. Installation kit, modern design faucet and pressure tank already built-inside the case. Stronger pump UP-9100 and double high pressure switch. Recirculation of part of the drain back to the membrane again to reduce waste water.

<p><b>MU</b></p> <p>Manual de usuario Equipos de osmosis inversa</p> <p>User's manual Reverse osmosis equipments</p>	<p><b>MT</b></p> <p>Manual técnico Equipos de osmosis inversa</p> <p>Technical Manual Reverse osmosis equipments</p>	<p><b>PH</b></p> <p>Procedimiento de higienización Equipos de osmosis inversa</p> <p>Sanitising procedure Reverse osmosis equipments</p>	<p><b>FT</b></p> <p>Ficha técnica Libro de servicio Data sheet Service book</p>
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Consummables for periodic maintenance














1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 292718. Recomax membrane.
5. 291920. Remineralizer CS cartridge.





## Features

Start and stop of the system	This system is provided with a low (pump protection) and a double high pressure switch for operation control. It stops the system when the tank is full and starts again when it is nearly emptied.
Aquastop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
Filter change warning	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
PC connection	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

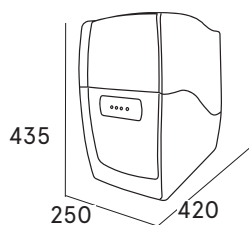
Front panel and interface Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

Light indicators	Acoustic signal	Meaning
	✕	The system has no power supply.
	✕	The system is working properly.
		Indicator for low water quality (+ push button)
	✕	Indicator for optimum water quality (+ push button)
	 7 hours	A water leak has been detected. The system is blocked.
	 7 hours	Filters must be replaced soon.
	 7 hours	The service life of filters has expired.

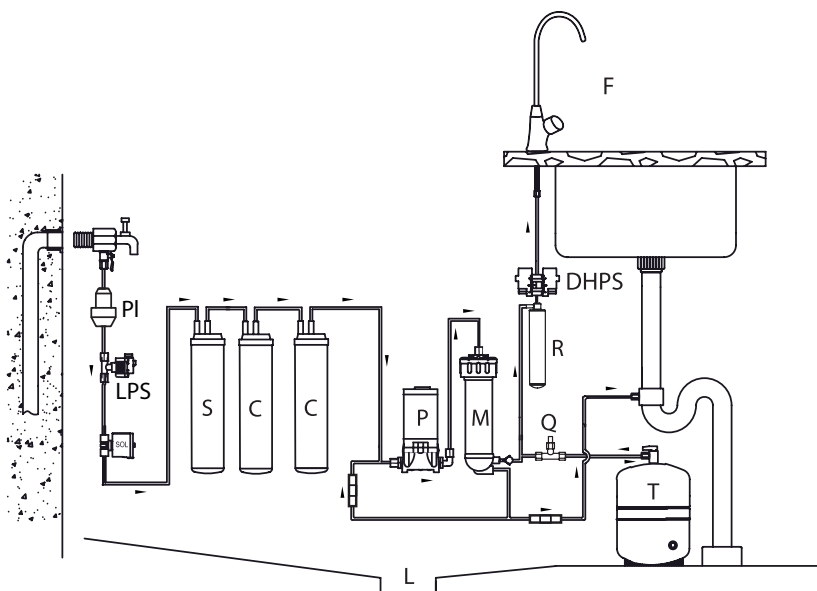
 Simple flashing.   
  Double flashing.

## Dimensions and weight

Weight: 13 kg



## Hydraulic diagram pump







# GUTZZI

ÓSMOSIS INVERSA - REVERSE OSMOSIS - OSMOSE INVERSE

Innovative and comfortable design.  
Magnetic opening system

**D<sup>B</sup>** Designed  
in Barcelona

### Description

910008. RO SYSTEM GUTZZI PUMP. 5 stages RO system including a CS 5µm sediment cartridge, CS carbon GAC cartridge, capsulated 75 GPD Greenfilter membrane and post remineralize cartridge. Leaking sensor, water quality detector, filter change timing. Installation kit, modern design faucet and pressure tank already built-inside the case.



## Consumables for periodic maintenance

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 292709. Encapsulated membrane 180 GPD Greenfilter.
4. 291920. Remineralizer CS cartridge.

292722. Low rejection  
"recomax" 1812 membrane.

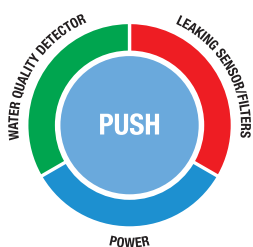


## Features

<b>Start and stop of the system</b>	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.
<b>Aquastop to prevent floodings</b>	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
<b>Water quality indicator</b>	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
<b>Filter change warning</b>	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
<b>PC connection</b>	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

### Front panel and interface

Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

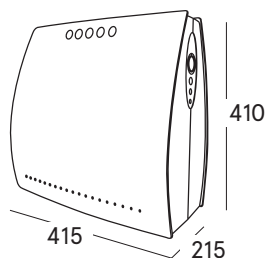


Light indicators	Acoustic signal	Meaning
	×	The system has no power supply.
	×	Electrically powered system.
		Indicator for low water quality (+ push button)
	×	Indicator for optimum water quality (+ push button)
	7 hours	A water leak has been detected. The system is blocked.
	7 hours	Filters must be replaced soon.
	7 hours	The service life of filters has expired.

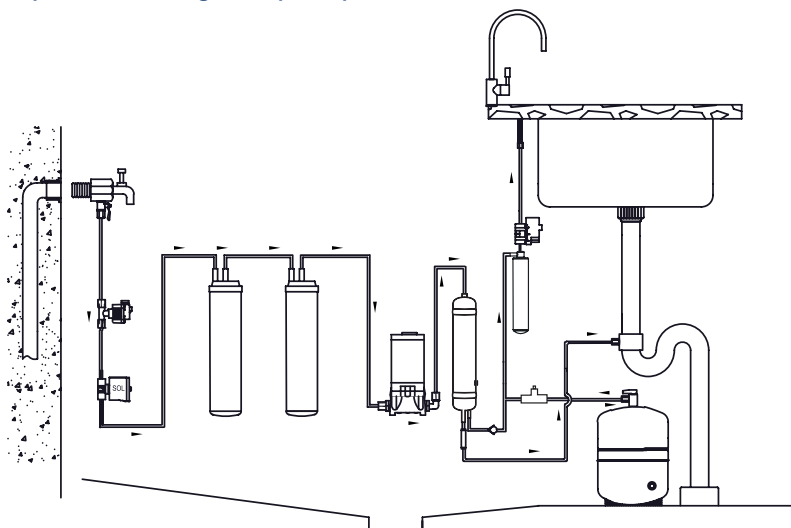
Simple flashing. Double flashing.

### Dimensions and weight

Weight: 10 kg



### Hydraulic diagram pump





**starline**  
reverse  
osmosis

**D<sup>3</sup>** Designed  
in Barcelona

Beautiful and stylish lines.

#### Description

793480. RO SYSTEM STARLINE PUMP. 6 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, Filmtec 75 GPD membrane and post remineralize cartridge. Leaking sensor, water quality detector, filter change warning, installation kit, metal free ceramic faucet and pressure tank already built-inside the case.



### Consummables for periodic maintenance



1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 292500. Reverse osmosis Filmtec membrane 75 GPD.
5. 291920. Remineralizer encapsulated cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED














292718. Low rejection  
"recomax" 1812 membrane.



## Features

Start and stop of the system	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.
Aquastop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
Filter change warning	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
PC connection	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.

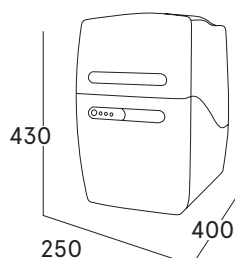
Front panel and interface Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.

Light indicators	Acoustic signal	Meaning
	✕	The system has no power supply.
	✕	The system is working properly.
		Indicator for low water quality (+ push button)
	✕	Indicator for optimum water quality (+ push button)
	 7 hours	A water leak has been detected. The system is blocked.
	 7 hours	Filters must be replaced soon.
	 7 hours	The service life of filters has expired.

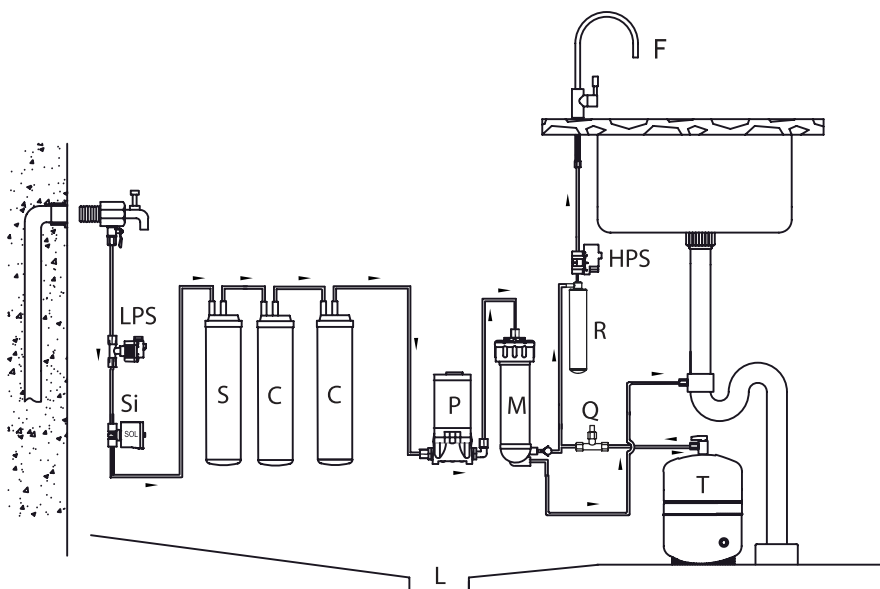
 Simple flashing.  Double flashing.

## Dimensions and weight

Weight: 13 kg



## Hydraulic diagram





**Senna**  
reverse osmosis

**D<sup>B</sup>** Designed  
in Barcelona

Classic and simplest design.

#### Description

793470. RO SYSTEM SENNA "CLASSIC" PUMP - 6 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, Greenfilter 50 GPD membrane and post remineralize cartridge. Leaking sensor, installation kit, ceramic faucet and pressure tank already built-inside the case.



### Consummables for periodic maintenance



1. 291803. Sediment cartridge CS 5 µ.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 767201. Membrane 1812 50 GPD Greenfilter.
5. 291920. Remineralizer CS cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292718. Low rejection  
"recomax" 1812 membrane.





## Features

### Start and stop of the system

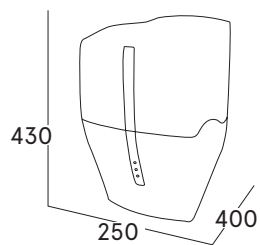
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

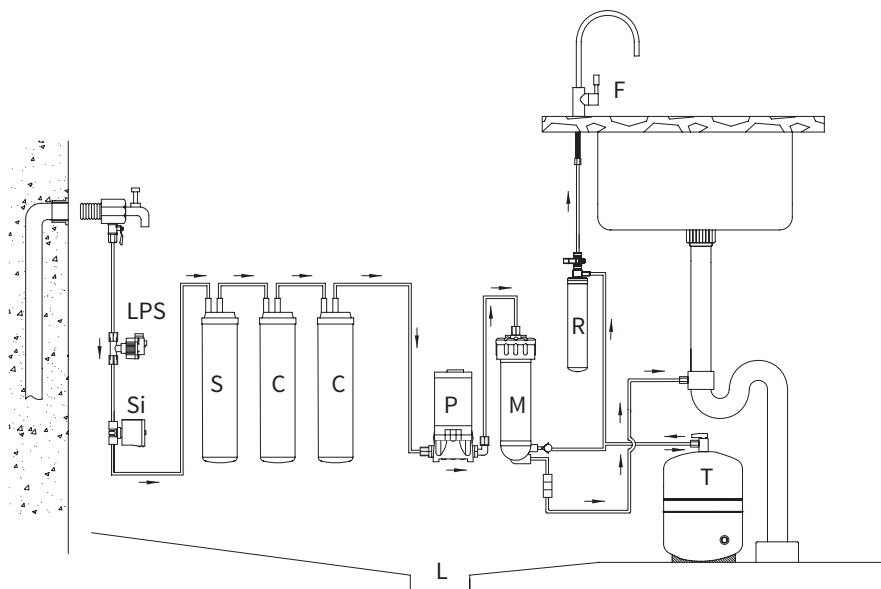
- Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

## Dimensions and weight

Weight: 13 kg



## Hydraulic diagram pump





**ultra<sup>CS</sup>**  
Reverse Osmosis

Reliable and direct access.

**D<sup>B</sup>** Designed in Barcelona

**Description**

384931. RO SYSTEM CMU "ULTRA" "CLASSIC" CS - 5 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, Greenfilter 50 GPD membrane and post remineralize cartridge. Installation kit, ceramic faucet and pressure tank already built-inside the case.

384930. RO SYSTEM CMU "ULTRA" "CLASSIC" CS PUMP. 6 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, pump, Greenfilter 50 GPD membrane and post remineralize cartridge. Leaking sensor, installation kit, ceramic faucet and pressure tank already built-inside the case.

**MU**  
Manual de usuario  
Equipos de ósmosis inversa  
User's manual  
Reverse osmosis equipments

**MT**  
Manual técnico  
Equipos de ósmosis inversa  
Technical Manual  
Reverse osmosis equipments

**PH**  
Procedimiento de higienización  
Equipos de ósmosis inversa  
Sanitising procedure  
Reverse osmosis equipments

**FT**  
Ficha técnica  
Libro de servicio  
Data sheet  
Service book

**Consummables for periodic maintenance**

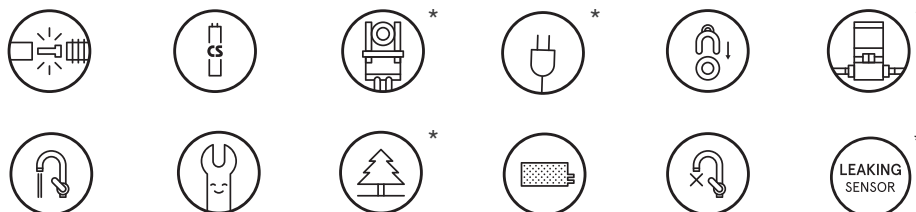


1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 767201. Membrane 1812 50 GPD Greenfilter.
5. 291920. Remineralizer CS cartridge.

**recomax**  
MEMBRANE TECHNOLOGY



292718. Low rejection "recomax" 1812 membrane.



\*Exclusive for PUMP model.

## Features

### Start and stop of the system

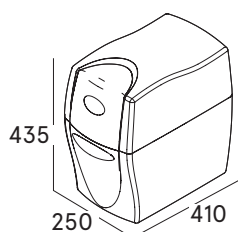
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

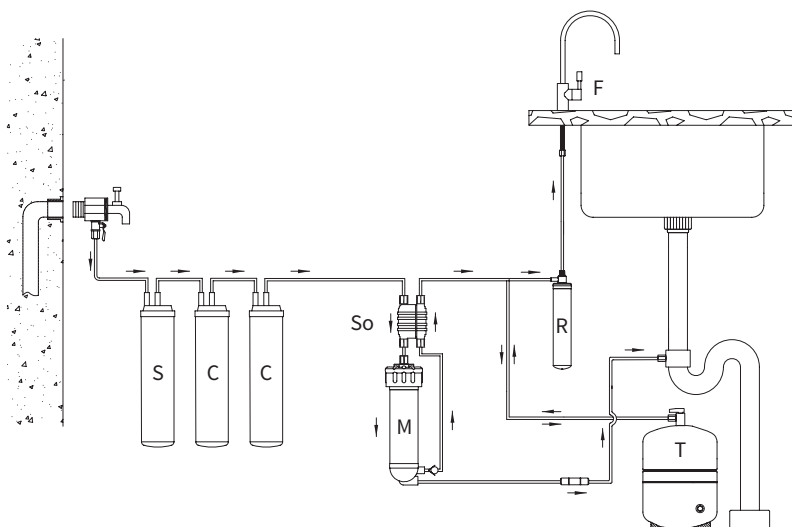
- Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

## Dimensions and weight

- Weight: 11 kg

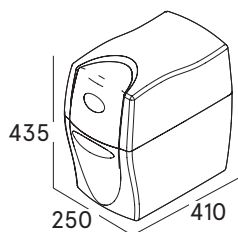


## Hydraulic diagram S/O

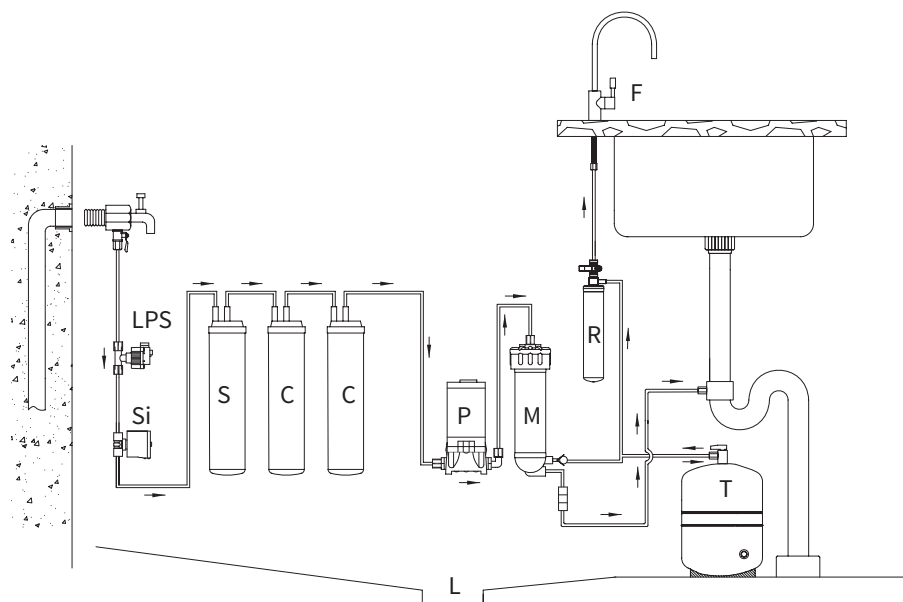


## Dimensions and weight

- Weight: 13,5 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.



## Magmaclassic<sup>CS</sup>

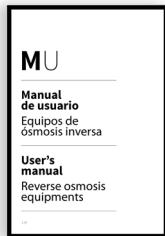
Reliable and direct access.

### Description

736602. RO SYSTEM MAGMA "CLASSIC" CS. 5 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, Greenfilter 50 GPD membrane and post remineralize cartridge. Installation kit, ceramic faucet and pressure tank already built-inside the case.

736600. RO SYSTEM MAGMA "CLASSIC" CS PUMP. 6 stages RO system including a CS 5µm sediment cartridge, 2 x CS carbon GAC cartridges, pump, Greenfilter 50 GPD membrane and post remineralize cartridge. Leaking sensor, installation kit, ceramic faucet and pressure tank already built-inside the case.

**D** Designed  
in Barcelona



## Consummables for periodic maintenance



1. 291803. Sediment cartridge CS 5 µm.
2. 291902. CS granular activated carbon cartridge.
3. 291902. CS granular activated carbon cartridge.
4. 767201. Membrane 1812 50 GPD Greenfilter.
5. 291920. Remineralizer CS cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292718. Low rejection  
"recomax" 1812 membrane.



\*Exclusive for PUMP model.

## Features

### Start and stop of the system

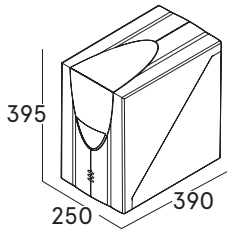
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

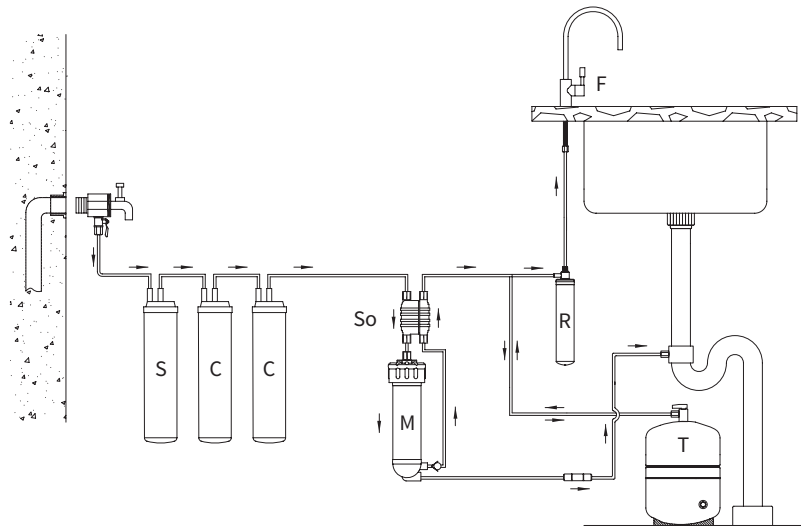
- Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

## Dimensions and weight

- Weight: 11 kg

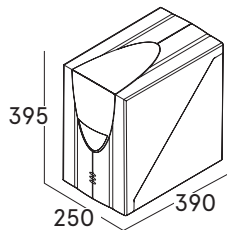


## Hydraulic diagram S/O

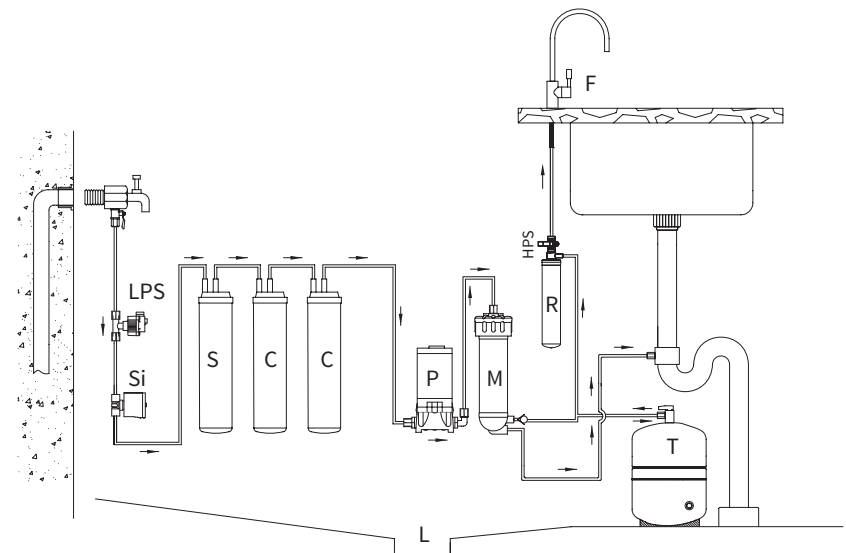


## Dimensions and weight

- Weight: 13,5 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.





**ZENIT**  
REVERSE OSMOSIS

**D<sup>3</sup>** Designed  
in Barcelona

Solid with unique 3 in 1 pre filter.

#### Description

910021. RO SYSTEM W/O PUMP ZENIT. 3 stages RO system including a 3 in 1 (PP+GAC) pre filter, capsulated 50 GPD Greenfilter membrane and post remineralizer cartridge with QC already built in. Installation kit, ceramic faucet and pressure tank already built-inside the case.

910020. RO SYSTEM W/PUMP ZENIT - 4 stages RO system including a 3 in 1 (PP+GAC) pre filter , pump, capsulated 50 GPD Greenfilter membrane and post remineralizer cartridge with QC already built in. Installation kit, ceramic faucet and pressure tank already built-inside the case.

## Consummables for periodic maintenance

These components can be configured. For further information, please check pages 230-233.



1. 213613. PP-GAC 3 in 1 filter.
2. 717704. Capsulated membrane 1812 75 GPD.
3. 790210. Inline remineralizer cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292722. Low rejection  
"recomax" 1812 membrane.



\*Exclusive for PUMP model.

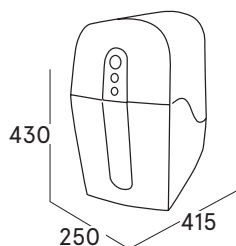
## Features

### Start and stop of the system

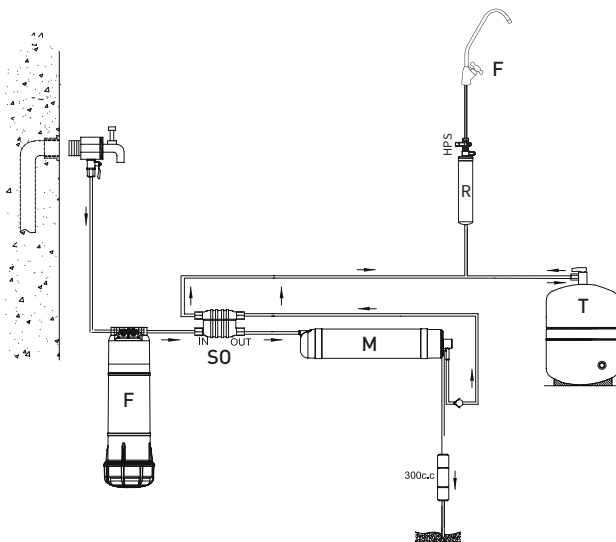
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

- SO Weight: 9 kg

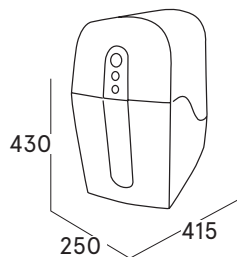


## Hydraulic diagram S/O

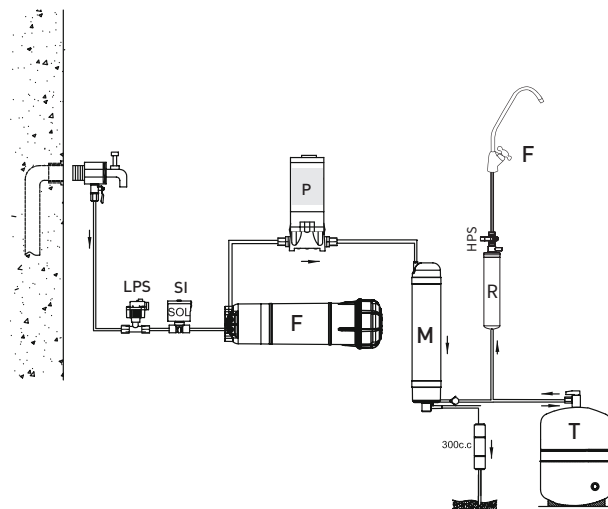


## Dimensions and weight

- PUMP Weight: 13 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.



**ladywater**<sup>CS</sup>  
Reverse Osmosis

Specially designed for small places.

**Description**

752401. RO SYSTEM "LADY WATER" CS HYDRAULIC. 5 stages RO system including a CS 5µm sediment cartridge, 2 X CS carbon GAC cartridges, Greenfilter 50 GPD membrane and post remineralize cartridge. Installation kit, ceramic faucet and pressure tank already built-inside the case.

752501. RO SYSTEM "LADY WATER" CS PUMP. 6 stages RO system including a CS 5µm sediment cartridge, 1X CS carbon GAC cartridge, pump, Greenfilter 50 GPD membrane and post remineralize cartridge. Leaking sensor, installation kit, ceramic faucet and pressure tank already built-inside the case.



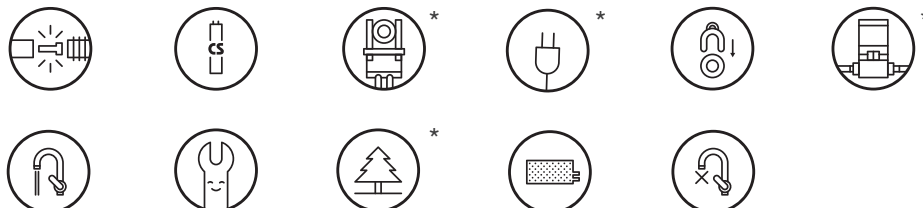
**Consummables for periodic maintenance**

**recomax**  
MEMBRANE TECHNOLOGY



1. 291803. Sediment filter CS 5 µ.
2. 291902. CS granular activated carbon filter.
3. 291902. CS granular activated carbon filter (Exclusive for SO model).
4. 767201. Membrane 1812 50 GPD Greenfilter.
5. 291920. Remineralizer encapsulated cartridge.

292718. Low rejection "recomax" 1812 membrane.



\*Exclusive for PUMP model.

## Features

### Start and stop of the system

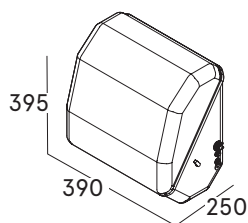
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Aquastop to prevent floodings

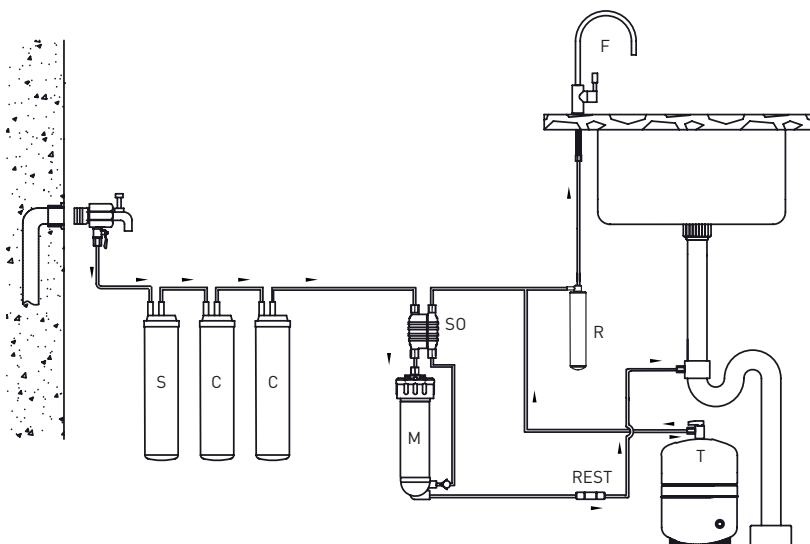
- Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.

## Dimensions and weight

- Weight: 8,5 kg

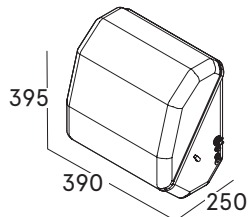


## Hydraulic diagram S/O

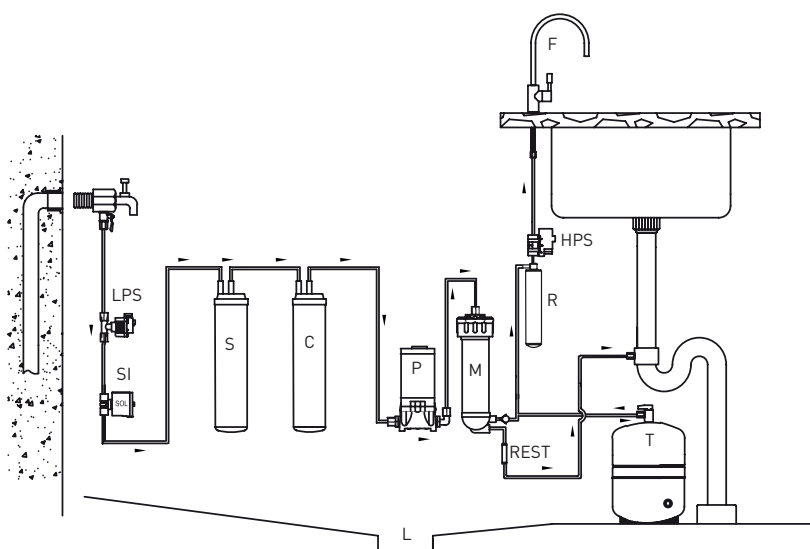


## Dimensions and weight

- Weight: 10,5 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.



**prisma**  
reverseosmosis

Different positions, fits everywhere. Unique 3 in 1 pre filter.

#### Description

700010. RO SYSTEM PRISMA. 3 stages RO system including a 3 in 1 (PP+GAC) pre filter, capsulated 50 GPD Greenfilter membrane and post remineralize cartridge. Installation kit, ceramic faucet and pressure tank.

700011. RO SYSTEM PRISMA PUMP. 4 stages RO system including a 3 in 1 (PP+GAC) pre filter , pump, capsulated 50 GPD Greenfilter membrane and post remineralizer cartridge. Installation kit, ceramic faucet and pressure tank.



## Consummables for periodic maintenance



1. 213613. PP-GAC 3 in 1 filter.
2. 717701. Capsulated membrane 1812 50 GPD.
3. 291920. CS remineralizer cartridge.

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292722. Low rejection  
"recomax" 1812 membrane.



\*Exclusive for PUMP model.

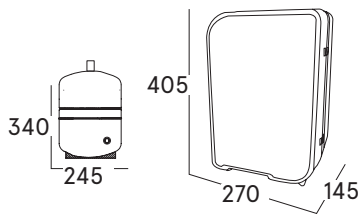
## Features

### Start and stop of the system

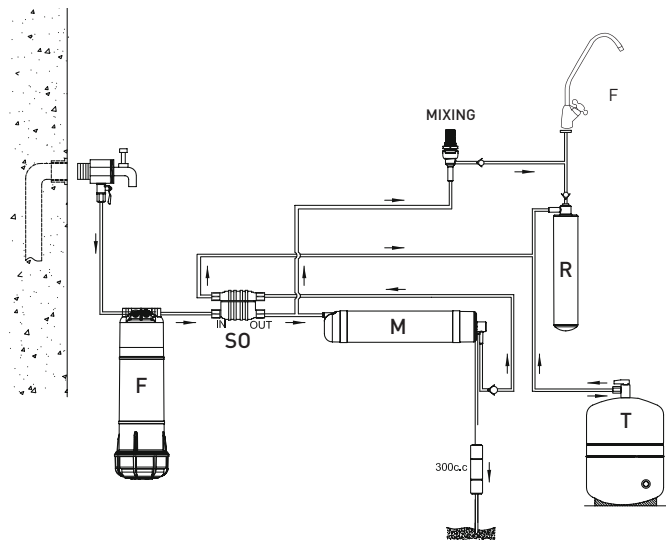
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

- Weight: 10 kg

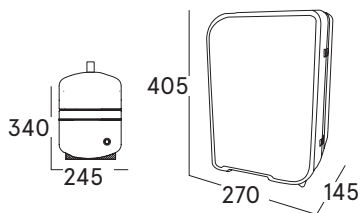


## Hydraulic diagram S/O

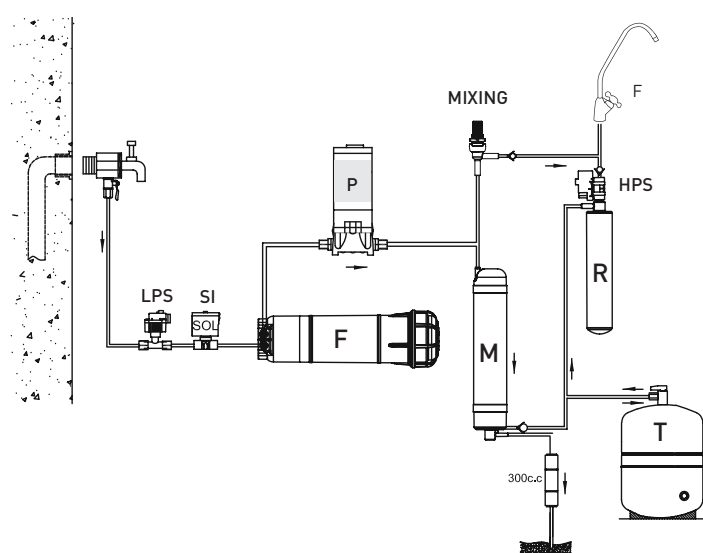


## Dimensions and weight

- Weight: 13 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.





# FONTANA

Designed to get the best performance.

**D<sup>B</sup>** Designed  
in Barcelona

## Description

404126. RO SYSTEM FONTANA. 5 stages RO system including 5µ, GAC, carbon block, 50 GPD Greenfilter membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.

404127. RO SYSTEM FONTANA PUMP. 6 stages RO system including 5µ, GAC, carbon block, pump, 50 GPD Greenfilter membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.



## Consummables for periodic maintenance



1. 209200. Spun pp cartridge 9 3/4" 5µ.
2. 213600. GAC cartridge 10".
3. 214000. Carbon block cartridge 9 7/8" 10µ.
4. 717701. Capsulated 50 GPD Membrane.
5. 790200. Remineralizer in-line cartridge 10" x2" 1/4".

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292722. Low rejection  
"recomax" 1812 membrane.



\*Exclusive for PUMP model.

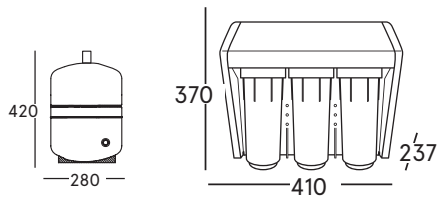
## Features

### Start and stop of the system

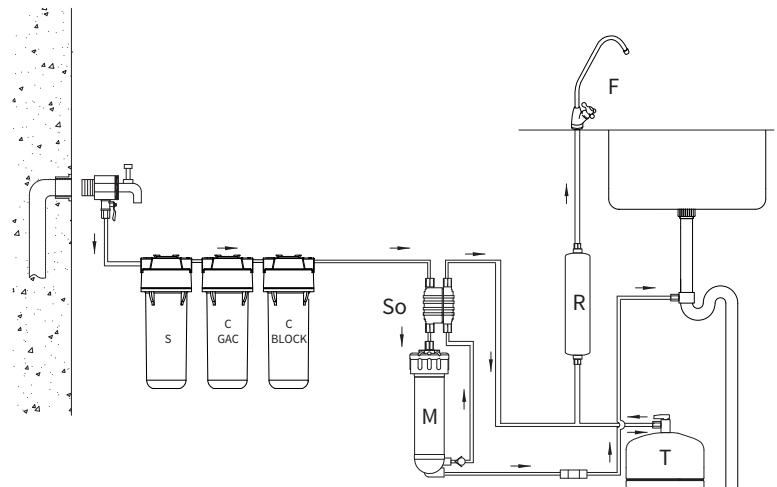
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

- Weight: 11 kg

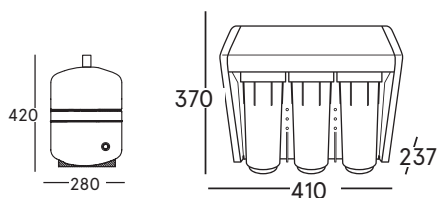


## Hydraulic diagram S/O

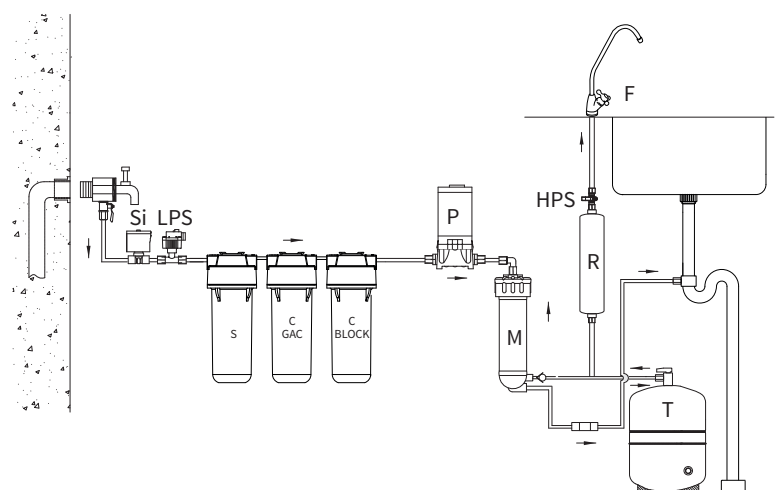


## Dimensions and weight

- Weight: 13 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.



## Proline Plus

Traditional system with high quality components.

### Description

449302. RO SYSTEM PROLINE-60 PLUS STORE. 5 stages RO system including 5µm, GAC, carbon block, 50 GPD Greenfilter membrane and post remineralize cartridge. Manual flushing, installation kit, faucet with ceramic valve and steel tank with plastic coating.

450602. RO SYSTEM PROLINE PUMP-60 PLUS STORE. 6 stages RO system including 5µm, GAC, carbon block, pump, 50 GPD Greenfilter membrane and post remineralize cartridge. Manual flushing, installation kit, faucet with ceramic valve and steel tank with plastic coating.

<p><b>MU</b></p> <p>Manual de usuario Equipos de ósmosis inversa</p> <p>User's manual Reverse osmosis equipments</p>	<p><b>MT</b></p> <p>Manual técnico Equipos de ósmosis inversa</p> <p>Technical Manual Reverse osmosis equipments</p>	<p><b>PH</b></p> <p>Procedimiento de higienización Equipos de ósmosis inversa</p> <p>Sanitising procedure Reverse osmosis equipments</p>	<p><b>FT</b></p> <p>Ficha técnica Libro de servicio Data sheet Service book</p>
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## Consumables for periodic maintenance



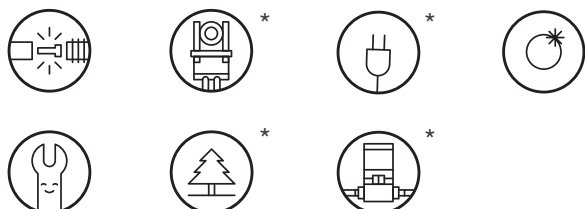
1. 209200. Spun pp cartridge 9 3/4" 5µ.
2. 213600. GAC cartridge 10".
3. 214000. Carbon block cartridge 9 7/8" 10µ.
4. 767201. Membrane 1812 50 GPD Greenfilter.
5. 790200. Remineralizer in-line cartridge 10" x2" 1/4".

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



292718. Low rejection "recomax" 1812 membrane.



\*Exclusive for PUMP model.

## Features

### Start and stop of the system

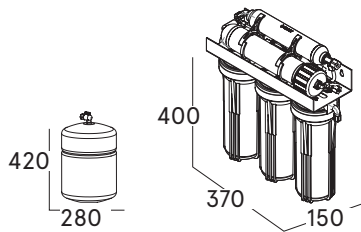
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

### Manual flushing

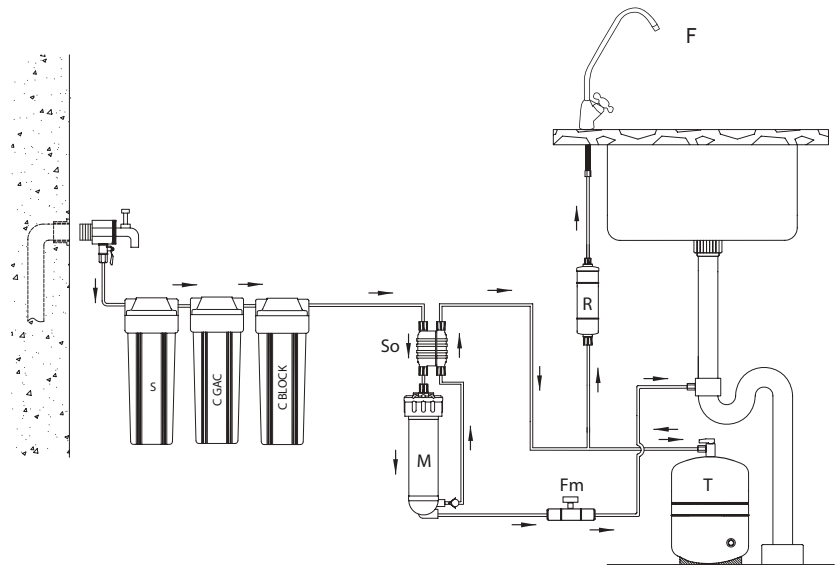
- This system is provided with a special restrictor to make a manual flushing.

## Dimensions and weight

- Weight: 12 kg

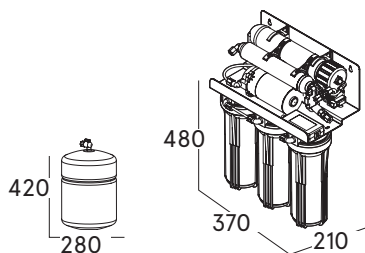


## Hydraulic diagram S/O

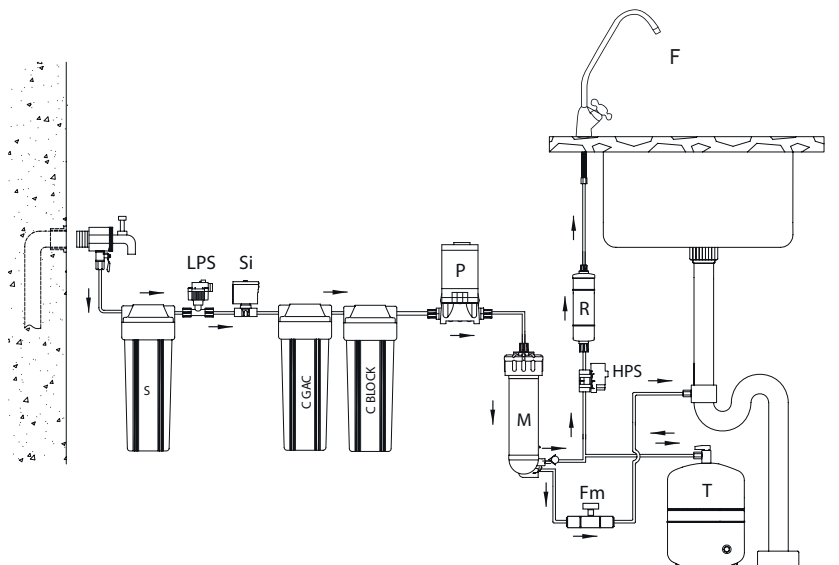


## Dimensions and weight

- Weight: 8 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.



## LOGICOAQUA

Slimmest, lightest with easily replaceable bayonet cartridges.

### Description

980177. RO SYSTEM W/O PUMP "LOGICO AQUA". 5 stages RO system including 5µm, 2 x carbon block, 50 GPD Greenfilter capsulated membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.

980176. RO SYSTEM W/PUMP "LOGICO AQUA". 6 stages RO system including 5µm, 2 x carbon block, pump, 50 GPD Greenfilter capsulated membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.



## Consummables for periodic maintenance

**recomax**  
MEMBRANE TECHNOLOGY

RECOMMENDED



1. 980178. 5µ bayonet filtration cartridge.
2. 980179. Block carbon bayonet cartridge.
3. 980179. Block carbon bayonet cartridge.
4. 980181. 50 GPD capsulated membrane.
5. 980180. Remineralizer bayonet cartridge.

292722. Low rejection  
"recomax" 1812 membrane.



\*Exclusive for PUMP model.

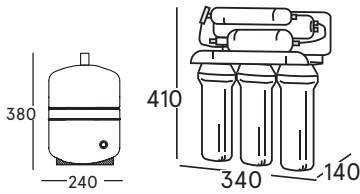
## Features

### Start and stop of the system

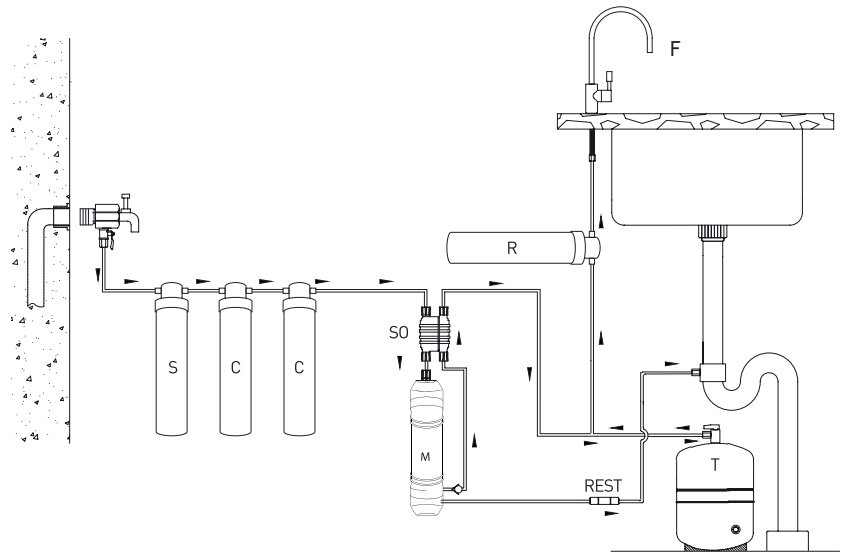
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

- Weight: 7 kg

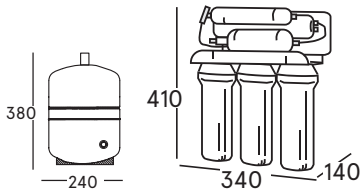


## Hydraulic diagram S/O

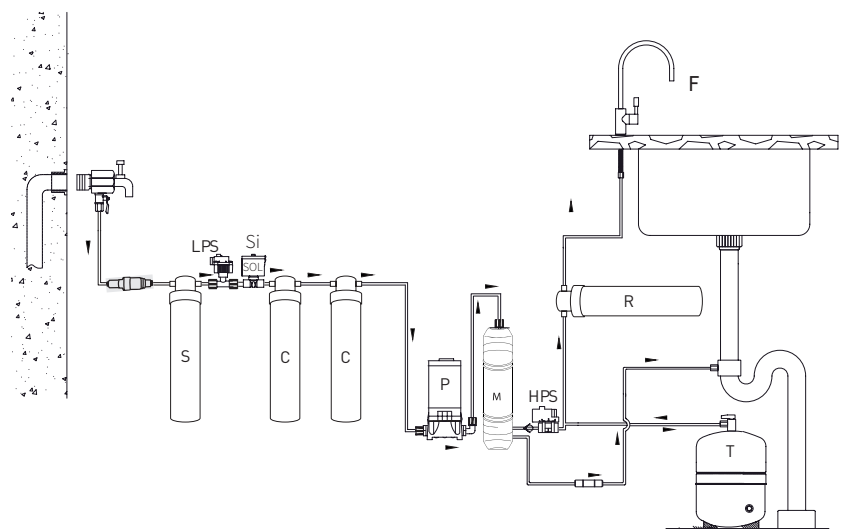


## Dimensions and weight

- Weight: 8 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.





Designed to get the best performance.

**Description**

449524. RO SYSTEM ROS II V.2. 5 stages RO system including 5µm, GAC , carbon block , 50 GPD Greenfilter membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.

WH0238. RO SYSTEM ROS II PUMP. 6 stages RO system including 5µm, GAC, carbon block , pump, 50 GPD Greenfilter membrane and post remineralize cartridge. Installation kit, faucet with ceramic valve and steel tank with plastic coating.



Consummables for periodic maintenance

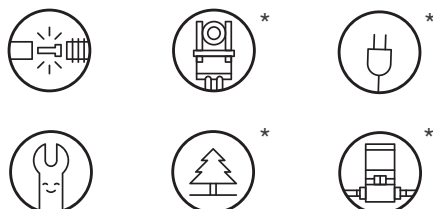


1. 209200. Spun pp cartridge 9 3/4" 5µ.
2. 213600. Gac cartridge 10".
3. 214000. Carbon block cartridge 9 7/8" 10µ.
4. 214000. Membrane 1812 50gpd greenfilter.
5. 291627. Remineralizer in-line cartridge 10" x 2" 1/4".

**recomax**  
MEMBRANE TECHNOLOGY



292718. Low rejection "recomax" 1812 membrane.



\*Exclusive for PUMP model.

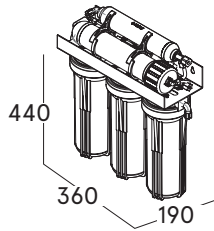
## Features

### Start and stop of the system

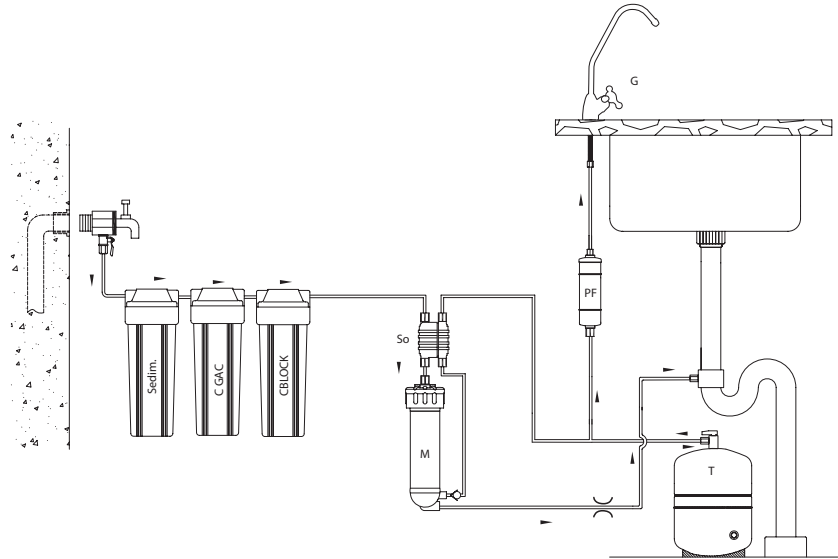
- System provided with a shut-off valve. When the storage tank is full, the water inlet of the system is mechanically cut and water stops going into the drain.
- This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

- Weight: 11,5 kg

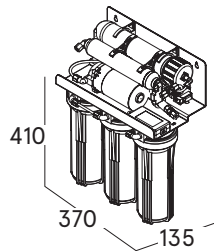


## Hydraulic diagram S/O

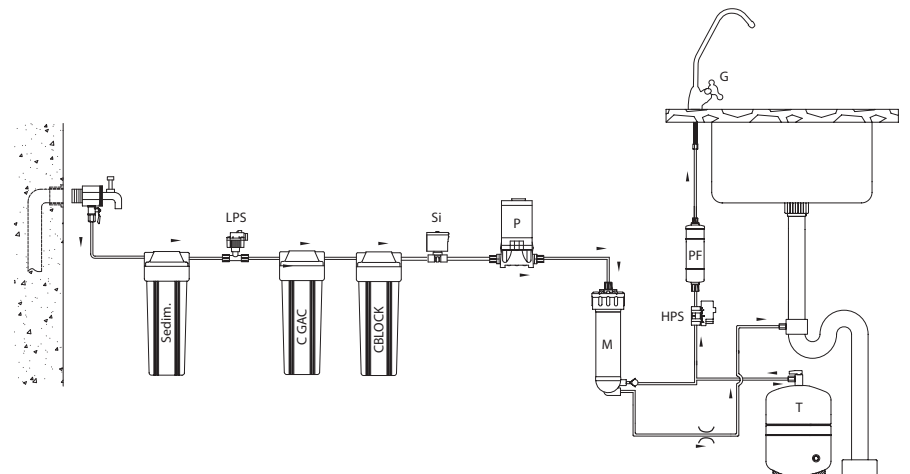


## Dimensions and weight

- Weight: 13,5 kg



## Hydraulic diagram pump



○ Exclusive for SO model.

○ Exclusive for PUMP model.

## Icehome R80 water cooler

Icehome will increase your portfolio of clients, by offering an additional complement for their domestic reverse osmosis system. Cold and room temperature water with all the comfort.



Code	Packaging units	Description	Connections
728802	1	Icehome R80	3/8"

➔ 2 way faucets, pages 160 and 164.



## Regulators

### Accessories for domestic reverse osmosis systems



Code	Packaging units	Description
341100	1	Pressure gauge 1/8"



Code	Packaging units	Description
276700	1	Special connector for pressure gauge 1/4"-1/8"-1/4"
276600	1	Special connector for pressure gauge 3/8"-1/8"-1/4"



Code	Packaging units	Description
138800	1	Special 1/8" double male brass connector



Code	Packaging units	Description
577603	1	Pressure regulator with 1/4" connectors and maximum pressure gauge 10 kg/cm <sup>2</sup>
577602	1	Pressure regulator without accessories



Code	Packaging units	Description	Connection
953163	1	Pressure reducing valve (2.7 bar/40 PSI)	QC 1/4"
953164	1	Pressure reducing valve (2.7 bar/40 PSI)	QC 3/8"
953172	1	Pressure reducing valve (4.8 bar/70 PSI)	QC 1/4"



Code	Packaging units	Description	Connection
771606	1	Mechanical leaking sensor	QC 1/4"



Code	Packaging units	Description
771607	1	Mechanical leaking sensor sponge replacement



Code	Packaging units	Description
750489	1	Electronic leaking sensor with batteries

CS FILTER RANGE IS MANUFACTURED ACCORDING TO THE HIGHEST QUALITY STANDARDS.



Components

### STARFIT®

Starfit: highest quality components. High reliability.



### Green Filter

We manufacture and distribute our filters. Cultivate the loyalty of your clients, keep them satisfied and avoid unauthorised practice with CS filters.



Easy and quick connection.



Activated carbon guarantee for the highest quality with UNE EN 12915-1 certificate.

### I+D

The excellent hydraulic design will prevent pressure drop and premature dirtiness. Designed and developed by the R+D department from Puricom.

Maximum service life. Manufactured using the best plastic materials. Maximum working pressure 8.6 bar.



## CS filters



Code	Packaging units	Description
291803	25	5 µm CS sediment filter. Removes solid particles and water turbidity. Filtering media: melt blown polypropylene. Nominal filtration: 5 micron. Service life: 1 year / 11300 L / 3000 g. (Depending on the characteristics of water). Max. flow: 3.78 LPM / 1 GPM.



Code	Packaging units	Description
291902	25	CS granular activated carbon filter. Removes the substances and particles that generate odours and tastes. Retention/reduction of free chlorine present in water. Reduction of the quantity of organic compounds, trihalomethanes and COD. Filtering media: granular activated carbon from coconut shell. 20 x 40 Mesh. Acid-washed activated carbon. Service life: 1 year / 8300 L / 2200 g. (Depending on the characteristics of water / 1 ppm of free chlorine). Max. flow: 1.9 LPM / 0.5 GPM.



Components



Code	Packaging units	Description
291933	25	PP-GAC combi cartridge

## CS Post-filters



Quick assembly CS filters.

Diameter: 2".

Length: 10".

Inlet connection: 3/8" stem.

Outlet connection: M 1/4" thread.

Housing material: polypropylene.

Temperature: 4 °C - 38 °C.

Max. pressure: 8,6 bar.



Code	Packaging units	Description
291919	25	CS granular activated carbon filter. Removes the substances and particles that generate odours and tastes. Filtering media: granular activated carbon from coconut shell. Service life: 1 year / 5600 L / 1400 g. (Depending on the use and the characteristics of water). Max. flow: 1.9 LPM / 0.5 GPM.



Code	Packaging units	Description
291901	25	CS granular activated carbon + Ag. Removes the substances and particles that generate odours and tastes. Bacteriostatic action. Filtering media: granular activated carbon from coconut shell. Impregnated with silver nanoparticles. Service life: 1 year / 6400 L / 1700 g. (Depending on the use and the characteristics of water). Max. flow: 1.9 LPM / 0.5 GPM.



Code	Packaging units	Description
291920	25	Remineralizing carbon. Removes the substances and particles that generate odours and tastes. Remineralization and pH regulation. Filtering media: granular activated carbon + remineralizing media. Service life: 6 - 12 months / 3000 L / 800 g. (Depending on the use and the characteristics of water) Max. flow: 1.9 LPM / 0.5 GPM.



Code	Packaging units	Description
206601	25	CS Cartridge Wrench



## IN-LINE Greenfilter Quality filters



Components



CALGON CARBON CORPORATION  
UNE EN 12915-1.

### Specifications:

Temperature: 4 °C - 38 °C.

Max. pressure: 8,6 bar.

IN-OUT - Female screw 1/4"



#### 2"x10" Filtration cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
291400	25	10"	2"	5 µm	1/4" - F



#### 2.5"x11" Filtration cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
291300	25	11"	2,5"	5 µm	1/4" - F



#### 2.5"x11" Activated carbon cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
291500	25	11"	2,5"	GAC carbon	1/4" - F



#### 2"x10" Activated post-carbon cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
291600	25	10"	2"	GAC carbon	1/4" - F



#### 2"x10" Remineralizer cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
790200	25	10"	2"	Remineralizer	1/4" - F



#### 2"x10" Activated post-carbon with silver cartridge

Code	Packaging units	Length	Diameter	Filtration	Connection
291604	25	10"	2"	GAC In-Line	1/4" - F



#### 2"x10" In-Line carbon and polyphosphates

Code	Packaging units	Length	Diameter	Filtration	Connection
291619	25	10"	2"	Polyphosphates	1/4" - F

## IN-LINE Classic filters



Components

**Specifications:**

Temperature: 38 °C - 4 °C.

Max. pressure: 8,6 bar.

IN-UT - Female screw 1/4"

**2,5" Classic filtration cartridge**

Code	Packaging units	Length	Diameter	Filtration	Connection
291308	20	11"	2,5"	5 µm	1/4" - F

**2,5" Classic filtration cartridge**

Code	Packaging units	Length	Diameter	Filtration	Connection
757100	20	11"	2,5"	1 µm	1/4" - F

**2,5" Classic activated carbon cartridge**

Code	Packaging units	Length	Diameter	Filtration	Connection
291507	20	11"	2,5"	GAC carbon	1/4" - F

**2" Classic activated carbon cartridge**

Code	Packaging units	Length	Diameter	Filtration	Connection
291617	25	10"	2"	GAC post-carbon	1/4" - F

**2" Classic remineralizer cartridge**

Code	Packaging units	Length	Diameter	Filtration	Connection
291627	25	10"	2"	Remineralizer	1/4" - F

## IN-LINE quick connector filters



Components



### Specifications:

Temperature: 38°C - 4°C.

Max. pressure: 8,6 bar.



#### Quick Connect filtration cartridge 2"x10"

Code	Packaging units	Length	Diameter	Filtration	Connection
651203	25	10"	2"	5 µm	QC-1/4"



#### Quick Connect filtration cartridge 2,5"x11"

Code	Packaging units	Length	Diameter	Filtration	Connection
651204	25	11"	2,5"	5 µm	QC-1/4"



#### Quick Connect activated carbon cartridge 2.5"x11"

Code	Packaging units	Length	Diameter	Filtration	Connection
651202	25	11"	2,5"	GAC carbon	QC-1/4"



#### Quick Connect activated carbon cartridge 2"x10"

Code	Packaging units	Length	Diameter	Filtration	Connection
651201	25	10"	2"	GAC post-carbon	QC-1/4"



#### Quick Connect remineralizer cartridge 2"x10"

Code	Packaging units	Length	Diameter	Filtration	Connection
790210	25	10"	2"	Remineralizer post	QC-1/4"

## Standard filters

### Pressed polypropylene cartridge



Components



#### Specifications:

Filtering media: melt blown polypropylene.  
 Internal diameter / external diameter:  
 28 mm / 64 mm.  
 Efficiency: 95 %.  
 Max. pressure: 6 bar.  
 Max. differential pressure: 5 bar at 21 °C.  
 Max. temperature: 65 °C.

#### PP cartridge



Code	Packaging units	Height	Filtration	Flow L/h
209100	25	10"	1 µm	800
209200	25	10"	5 µm	1500
209300	25	10"	10 µm	2000
209400	25	10"	20 µm	2500
209500	25	10"	50 µm	2600

#### Specifications:

Filtering media: granular activated carbon.  
 Internal diameter / external diameter:  
 28 mm / 72 mm.  
 Max. pressure: 6 bar.  
 Max. differential pressure: 0,8 bar at 20 °C.  
 Max. temperature: 50 °C.

#### Granular carbon activated carbon cartridge (GAC)



Code	Packaging units	Height	Filtration	Flow L/h
213600	25	10"	Granular carbon (GAC)	220
213700	25	20"	Granular carbon (GAC)	480

#### Specifications:

Filtering media: compact activated carbon and polypropylene filtering mesh.  
 Internal diameter / external diameter: 28 mm / 70 mm.  
 Max. pressure: 6 bar.  
 Max. differential pressure: 0,8 bar at 20 °C.  
 Max. temperature: 50 °C.

#### Compact activated carbon cartridge (BLOCK)



Code	Packaging units	Height	Filtration	Flow L/h
214000	25	10"	10 µm	220
214100	25	20"	10 µm	480

## Maintenance packs



Components



Code	Packaging units	Description
763300	10	Pack 3. Box with filter set containing the assembly and maintenance instructions. Includes: Code 209200. 5 µm pressed polypropylene cartridge 9 3/4". Code 213600. GAC activated carbon cartridge 9 3/4". Code 214000. BLOCK pressed carbon cartridge 9 3/4".



Code	Packaging units	Description
763308	10	Pack 4. Box with filter set containing the assembly and maintenance instructions. Includes: Code 209200. 5 µm pressed polypropylene cartridge 9 3/4". Code 213600. GAC activated carbon cartridge 9 3/4". Code 214000. BLOCK pressed carbon cartridge 9 3/4". Code 291600. In-line activated carbon 2" x 10".



Code	Packaging units	Description
763315	10	Pack 4. Box with filter set containing the assembly and maintenance instructions. Includes: Code 209200. 5 µm pressed polypropylene cartridge 9 3/4". Code 213600. GAC activated carbon cartridge 9 3/4". Code 214000. BLOCK pressed carbon cartridge 9 3/4". Code 291627. Remineralizer In-line cartridge 2" x 10".


**Green Filter**  
WATER TREATMENT FILTERS

## Greta filters



### Cartridge for model Greta

Code	Packaging units	Description
648200	25	Replacement cartridge for RO Greta (CMJ)



Code	Packaging units	Description
728900	25	Special wrench for Greta cartridges and quick connectors



Code	Packaging units	Description
291900	25	GAC granular activated carbon


**Green Filter**  
WATER TREATMENT FILTERS

## Reverse osmosis cartridge C.A. model

### Specifications:

Filtering media: depending on the cartridge.

Max. pressure: 6 bar.

Max. temperature: 45 °C.

### Previous to 2013 versions

Code	Packaging units	Description	Material
724000	20	Filtration cartridge 5 µm	PP



Code	Packaging units	Description	Material
723900	20	GAC granular activated carbon	GAC carbon



Code	Packaging units	Description	Material
790206	20	Post-filter	GAC carbon
790207	20	Post-filter assembly kit	



### 2013 Version onwards

Code	Packaging units	Description	Material
724009	20	Filtration cartridge 5 µm	PP



Code	Packaging units	Description	Material
724008	20	GAC granular activated carbon	GAC carbon





## Filmtec and Greenfilter RO membranes



Components

# NSF

According to the requirements of NSF.

(Depending on model).

### Specifications:

Made of polyamide and spirally rolled up.

PH range: 2 - 11.

Max. temperature: 45 °C.

Max. SDI: 5.

Max. free chlorine: <0,1 ppm.

Service life: 2 to 5 years.

(Depending on the use and the characteristics of water).

### 1812 Filmtec membranes

Code	Packaging units	Brand	Production	Max. pressure bar	Salt rejection %
292400	25	Filmtec	50 GPD	10	98
292500	25	Filmtec	75 GPD	10	98
648100	25	Filmtec	100 GPD	21	90



Components

# NSF

According to the requirements of NSF.

(Depending on model).

### Specifications:

Made of polyamide and spirally rolled up.

PH range: 2 - 11.

Max. temperature: 45 °C.

Max. SDI: 5.

Max. free chlorine: <0,1 ppm.

Service life: 2 to 5 years.

(Depending on the use and the characteristics of water).

## Greenfilter membranes



### Greenfilter 1812 membranes except ref. 292704: 2012

Code	Packaging units	Brand	Production	Max. pressure bar	Salt rejection %
767201	25	Greenfilter	50 GPD	10	98
767202	25	Greenfilter	75 GPD	10	98
767203	25	Greenfilter	100 GPD	10	90
292701	25	Greenfilter	150 GPD	10	98
292704	25	Greenfilter	180 GPD	10	97

### 3012/3013/3213 membranes

Code	Packaging units	Brand	Production	Max. pressure bar	Salt rejection %
292703	16	Greenfilter	3012/300 GPD	10	95
292707*	16	Greenfilter	3013/400 GPD	10	95
450702**	1	Greenfilter	3213/600 GPD	10	95
450713	1	Greenfilter	3313/1000 GPD	10	95

\*BEAQUA model, RO C500.

\*\*AQUABIER model, RO C700, RO C1200.



# recomax

MEMBRANE TECHNOLOGY

REVERSE OSMOSIS ULTRASAVER MEMBRANE  
HIGH PERFORMANCE

LOW REJECTION · HIGH WATER SAVING · ECO FRIENDLY



\*PERMEATE  
WATER



REJECTION  
WATER

\* Data obtained as manufacturer's specifications  
with a TDS of 600 ppm and a temperature of 25°C

Code	Packaging units	Brand	Max. pressure bar	Salt rejection %
292718	25	Recomax 1-1	10	98
292722	25	Recomax 1-1 capsulated	10	98

## Capsulated Greenfilter RO membranes

Check valve already built-in



### Specifications:

Maximum hygiene.  
 Made of polyamide and spirally rolled up.  
 PH range: 2 - 11.  
 Max. temperature: 45 °C.  
 Max. SDI: 5.  
 Max. free chlorine: <0,1 ppm.  
 Service life: 2 to 5 years.  
 (Depending on the use and the characteristics of water).

Code	Packaging units	Brand	Production	Max. pressure bar	Salt rejection %
717701	25	Greenfilter	50 GPD	10	98
717704	25	Greenfilter	75 GPD	10	98
717703	25	Greenfilter	100 GPD	10	98
292708	25	Greenfilter	150 GPD	10	98
292709	25	Greenfilter	180 GPD	10	98

### Reverse osmosis membrane housings



Code	Packaging units	Description
292900	35	20 x 12 plastic housing for membrane
713900	1	O-ring for membrane housing 20 x 12
206601	1	Membrane housing wrench 20 x 12



Code	Packaging units	Description
292702	1	30 x 12 plastic membrane housing
292706	1*	30 x 13 plastic membrane housing
450703	1**	32 x 13 plastic membrane housing
450714	1	33 x 13 plastic membrane housing
450715	1	Wrench

\*BEAQUA model, RO C500.

\*\*RO C700, RO C1200 models.

## Booster pumps



### Booster pump with transformer



Code	Packaging units	Model	Voltage
293212	1	UP-6000	24 V
293100	1	UP-7000	24 V
293200	1	UP-8000	36 V
293206	1	UP-9500	24 V
293209	1	UP-9600	24 V

### Booster pump without transformer



Code	Packaging units	Model	Voltage	Description
293211	1	UP-6000	24 V	Pump without transformer
293500	1	UP-7000	24 V	Pump without transformer
293600	1	UP-8000	36 V	Pump without transformer
293203	1	UP-9500	24 V	Pump without transformer
293208	1	UP-9600	24 V	Pump without transformer

### Replacements for Booster pumps



Code	Packaging units	Description
293213	1	Complete head for UP-6000
293700	1	Complete head for UP-7000
346800	1	Complete head for UP-8000
293204	1	Complete head for UP-9500
293213	1	Complete head for UP-9600

## Transformers for Booster pumps



Code	Packaging units	Voltage	Description	Connection
293301	1	240 Vac 50 Hz / 24 Vdc	Conventional (analogic) transformer 0.9 A for Columbia water dispensers. UP-7000	Aerial pump plug



Code	Packaging units	Voltage	Description	Connection
293300	1	100-240 Vac 50/60 Hz: 24 Vdc	Wall connection electronic transformer 1,25 A. UP-7000	C-Aerial pump plug
293400	1	240 Vac 50Hz 36 Vdc (3 pins)	Transformer 36 Vdc UP-8000	



Code	Packaging units	Voltage	Description	Connection
295207	1	100-240 Vac 50/60 Hz: 24 Vdc	Wall connection electronic transformer 1,25 A	C-EU-Jack



Code	Packaging units	Voltage	Description	Connection
295204	1	100-240 Vac 50/60 Hz: 24 Vdc	Electronic transformer 2A	F-EU-Jack



Code	Packaging units	Voltage	Description	Connection
293403	1	220 Vac 50/60 Hz: 24 Vdc.	Electronic transformer 24 Vdc 5A UP-9500/UP-9600A	F-EU-Jack



Code	Packaging units	Voltage	Description	Connection
295215	1	100-240 Vac 50/60 Hz: 24 Vdc	Electronic transformer 2A. No power supply cable included	Jack



Code	Packaging units	Description	Connection
771701	1	Power supply cable	F-EU

## Pressure switches



Code	Packaging units	Description	Connection
294100	1	Low pressure switch	1/4" F
294101	1	Low pressure switch double signal	1/4" F



Code	Packaging units	Description	Connection
294104	1	Low pressure switch	1/4" stem
294105	1	Low pressure switch double signal	1/4" stem



Code	Packaging units	Description	Connection
294200	1	Adjustable high pressure switch 20-40 psi (1 psi = 0.07 bar) for pump systems	1/4" F
294201	1	Adjustable high pressure switch 15-30 psi for systems without pump	1/4" F
294202	1	Adjustable high pressure switch 20-40 psi (1 psi = 0.07 bar) for pump systems double signal	1/4" F



Code	Packaging units	Description	Connection
294300	1	Adjustable high pressure switch 20-40 psi (1 psi = 0.07 bar)	1/4" M JACO



Code	Packaging units	Description	Connection
294301	1	Adjustable high pressure switch 20-40 psi (1 psi = 0.07 bar)	1/4" stem
294302	1	Adjustable high pressure switch 20-40 psi (1 psi = 0.07 bar) double signal	1/4" stem

**!** (1 psi = 0,07 bar)



## Hydraulic valves

### Shut-off valve



Code	Packaging units	Description	Connection
294400	1	4-ways shut-off valve with 6 screws and nuts	1/4" JACO



Code	Packaging units	Description	Connection
900134	1	Shut-off valve with quick connection	1/4" QC

### Check valves



Code	Packaging units	Description	Connection	
			Tube	Thread
294600	1	Insert-type SS check valve 1/8" M to 1/4" quick fitting	1/4"	1/8" M



Code	Packaging units	Description
294700	10	M 1/8" SS check valve



Code	Packaging units	Description
274900	10	Elbow F 1/4" - 1/8" for check valve 294700



Code	Packaging units	Description
275000	10	Elbow F 1/4" - JACO 1/4"

## Electrovalves



Code	Packaging units	Description	Connections
294801	1	24 VDC N.C. electrovalve (2007 Model) with filtering mesh	1/4" F

### Electrovalves with timer for autoflushing



Code	Packaging units	Description	Connections
652400	1	Autoflushing electrovalve with restrictor of 400 cc 24 Vdc N.C. for PJK-010 PC board	1/4" F



Code	Packaging units	Description	Connections
652401	1	Autoflushing electrovalve with restrictor of 400 cc 24 Vdc N.C. for PJK-260	1/4" F



Code	Packaging units	Description	Connections
652402	1	Assembly kit for autoflushing electrovalve with restrictor of 400 cc	1/4" F



Code	Packaging units	Description	Connections
729301	1	Autoflushing electrovalve with restrictor of 1100 cc 24 Vdc N.C. for direct flow RO systems	1/4" F

## Electronic boards



Code	Packaging units	Description	Model
295500	1	PCB + box + aquastop sensor set	PJK-018
295504	1	PCB + box + aquastop sensor set	PJK-260



Code	Packaging units	Description
771601	1	Aquastop leaking sensor replacement



Code	Packaging units	Description	Model
786301	1	Complete wiring for compact systems with PJK-260	PJK-260
658901	1	Complete wiring for compact systems with PJK-019 (leds for quality detector)	



Code	Packaging units	Description	Model
295700	1	Spare PCB for leaking sensor Aquastop	PJK-018



Code	Packaging units	Description	Model
611300	1	Spare PCB for quality sensor	PJK-019
611301	1	Spare PCB for quality sensor (9 Vdc battery)	PJK-019



Code	Packaging units	Description	Model
653700	1	Spare PCB for autoflushing	PJK-010



Code	Packaging units	Description	Model
6583XX	1	Leaking sensor, autoflushing, quality control and filter change timing	PJK-260
6583XX	1	Leaking sensor, autoflushing, quality control and filter change timing, back flushing, self diagnostics	PJK-266

Code depending on model of equipment (SO, PN, SN).



*Software and parameters depending on model.*

## Electronic boards



Code	Packaging units	Description	Model
759700	1	PCB for the CMA/Alison 4 Leds + button	PJK-013

Code	Packaging units	Description	Model
653703	1	PCB for the CMS/Sintra 3 Leds (Leaking)	PJK-028
653707	1	PCB for the CMS/Sintra 6 Leds (Leaking)	PJK-044

Code	Packaging units	Description	Model
653901	1	PCB for the Leds CIJ/Binature 1	PJK-042
653703	1	PCB for the Leds CIJ/Binature 2, 3, 4	PJK-028
295507	1	Frontal PCB with leds for domestic RO Advance Hydraulic	PJK-061
295506	1	Frontal PCB with leds for RO Sintra and Gutzzi	PJK-049
653709	1	Frontal PCB with leds for RO Senna and infinity	PJK-048

## Floating valves



### Level control

Code	Packaging units	Description
577200	1	Mechanical floating valve 1/4"



Code	Packaging units	Description
577300	1	Mechanical floating valve 1/4" with microswitch

## Accessories for faucets



Code	Packaging units	Description
262400	Bags of 25	O-ring for faucet spout. Models: Lewis and Oslo
262401	Bags of 25	O-ring for faucet spout. Models: Robin, Hike



Code	Packaging units	Description
262500	1	Biconic element from faucet inlet 1/4" tube

# NSF

## Components.

Pipes made of food-grade plastic materials.

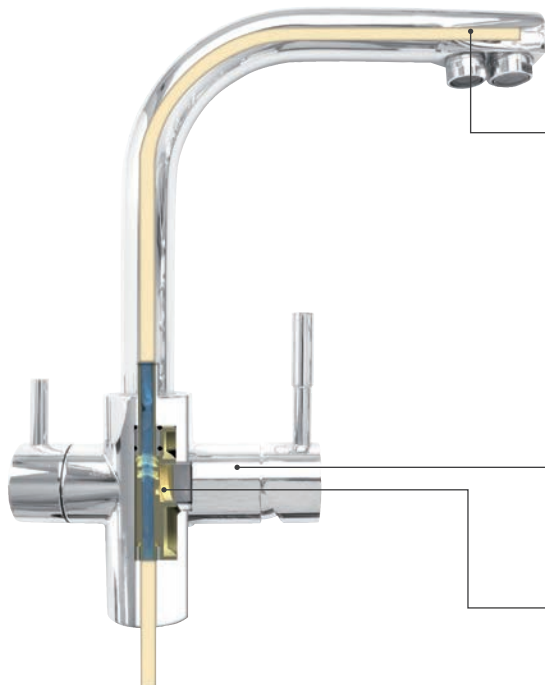


**Metal free.**

Market leaders in the manufacture of faucets without heavy metals.



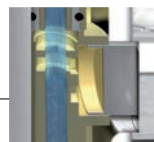
Avoid heavy metals in your drinking water.



Whole tap incorporates a plastic coating NSF certified to prevent contamination of the water through the metal (nickel, cadmium). The treated water will never be in contact with the metal tap thus maintaining its high purity.



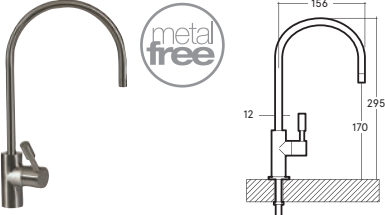
Robust and high quality faucet, manufactured to the highest standards of quality and control. According to NSF standards.



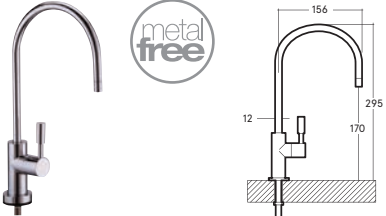
Highly reliable ceramic valve, made of GE ULTEM-CERAMIC and SHANK-GE Noryl. Its manufacturing system guarantees a long life and comfortable use of the tap.

## 1-way reverse osmosis faucet

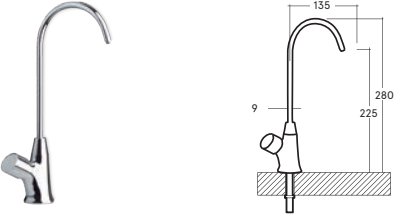
Code	Packaging units	Model	Tube connection	Description
296808	40	Robin Metal Free	1/4"	Faucet with ceramic valve and stainless steel matt chrome finish



Code	Packaging units	Model	Tube connection	Description
296701	40	Hike Metal Free	1/4"	Shiny chrome faucet with ceramic valve



Code	Packaging units	Model	Tube connection	Description
296816	40	Klein	1/4"	Faucet with ceramic valve and shiny chrome finish

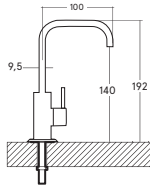


**!** For 3/8" tube connection, ask for a 3/8" - 7/16" connector. Code 953107  
 For 1/4" tube connection, ask for a 1/4" - 7/16" connector. Code 953106



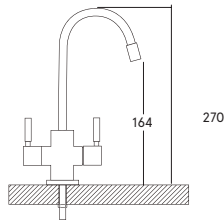
## Special for reverse osmosis


Code	Packaging units	Model	Tube connection	Description
297004	40	Copenhagen	1/4"	Special low height faucet for places that request it. Shiny chrome finish



## 2-way reverse osmosis faucet

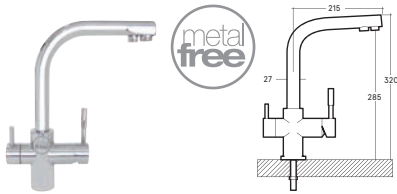
Code	Packaging units	Model	Tube connection	Description
297001	40	Dober	1/4"	2 way faucet with 2 ceramec valves. Shiny chrome finish. Special for domestic RO systems with cold water and hydrogen enriched water




 For 3/8" tube connection, ask for a 3/8" - 7/16" connector. Code 953107  
 For 1/4" tube connection, ask for a 1/4" - 7/16" connector. Code 953106

## 3-way reverse osmosis faucet

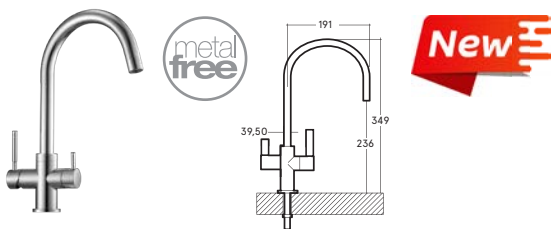
Code	Packaging units	Model	Tube connection	Description
298003	8	Forum-MF	3/8" F	3-way Metal Free shiny chrome finish



### Forum-MF spare parts

Code	Packaging units	Description
262415	1	Gasket kit
658109	1	RO valve kit
658108	1	H/C valve kit

Code	Packaging units	Model	Tube connection	Description
298049	8	Sigma	1/4"	3-way faucet with ceramic valve. Shiny chrome finish

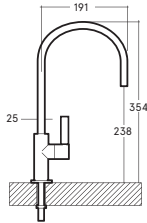


### Sigma spare parts

Code	Packaging units	Description
658117	1	Gasket kit
658118	1	RO valve kit
658116	1	H/C valve kit

**!** For 3/8" tube connection, ask for a 3/8" - 7/16" connector. Code 953107  
 For 1/4" tube connection, ask for a 1/4" - 7/16" connector. Code 953106

Code	Packaging units	Model	Tube connection	Description
298050	8	Nor	1/4"	3 way single-handle faucet with shiny chrome finish

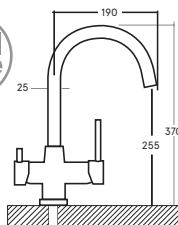


#### Nor spare parts

Code	Packaging units	Description
658117	1	Gasket kit
658115	1	H/C valve kit

#### 4-way reverse osmosis faucet

Code	Packaging units	Model	Tube connection	Description
579302	8	Virka	1/4"	4 way faucet with 2 handles and shiny chrome finish

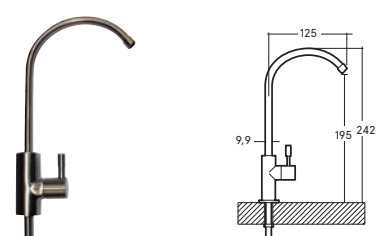


#### Virka spare parts

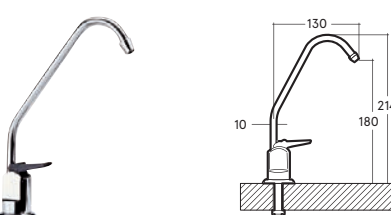
Code	Packaging units	Description
262415	1	Gasket kit
658119	1	RO valve kit
658108	1	H/C valve kit

## 1-way reverse osmosis faucet

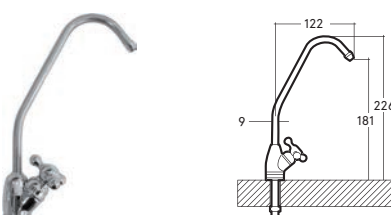
Code	Packaging units	Model	Tube connection	Description
296802	40	Mini Robin	1/4"	Faucet with ceramic valve and stainless steel matt chrome finish



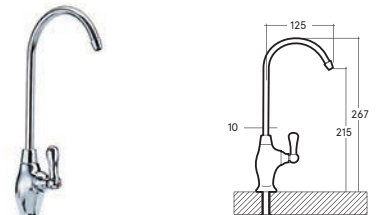
Code	Packaging units	Model	Tube connection	Description
296000	50	Lewis	1/4"	Chrome faucet with lever

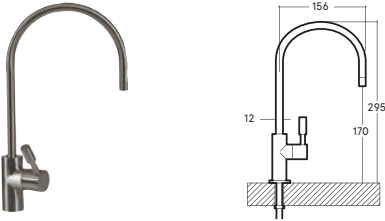


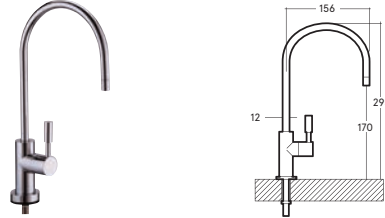
Code	Packaging units	Model	Tube connection	Description
296200	20	Store	1/4"	Chrome faucet with ceramic valve



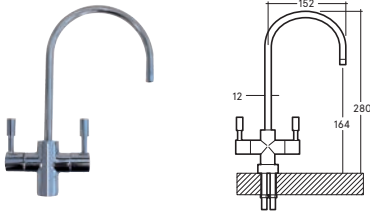
Code	Packaging units	Model	Tube connection	Description
296500	40	Oslo	1/4"	Shiny chrome faucet with ceramic valve

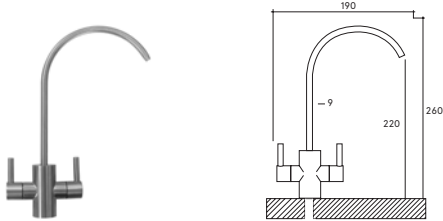


Code	Packaging units	Model	Tube connection	Description
296800	30	Robin	1/4"	Matt chrome faucet with ceramic valve
				

Code	Packaging units	Model	Tube connection	Description
296700	30	Hike	1/4"	Shiny chrome faucet with ceramic valve
				

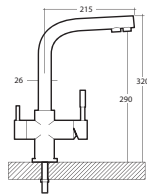
## 2-way reverse osmosis faucets

Code	Packaging units	Model	Tube connection	Description
297000	20	Osaka	1/4"	2-way faucet with 2 ceramic valves. Shiny chrome finish
				

Code	Packaging units	Model	Tube connection	Description
297003	30	Seven	1/4"	2 way faucet with matt chrome finish
				

## 3-way reverse osmosis faucet

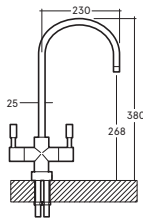
Code	Packaging units	Model	Tube connection	Description
298000	8	Forum	3/8" F	Shiny chrome 3-way single-handle faucet



### Forum spare parts

Code	Packaging units	Description
262404	1	Spart stem seal kit
658106	1	RO valve kit
658105	1	H/C valve kit

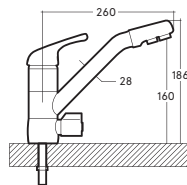
Code	Packaging units	Model	Tube connection	Description
298008	8	Ares	3/8" F	Matt chrome 3-way faucet made of inox



### Ares spare parts

Code	Packaging units	Description
298012	1	Spart stem seal kit
298013	1	Válvula cerámica C/F
298014	1	Válvula cerámica RO

Code	Packaging units	Model	Tube connection	Description
579400	8	Cosmo	3/8" F	3-way single-handle faucet in shiny chrome

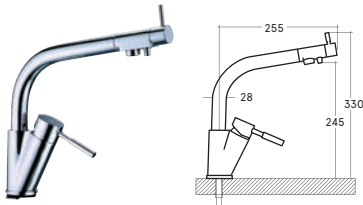


### Cosmo spare parts

Code	Packaging units	Description
262416	1	Spart stem seal kit
658107	1	RO valve kit
658104	1	H/C valve kit



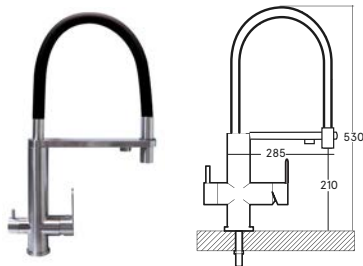
Code	Packaging units	Model	Tube connection	Description
298100	6	Oregon	3/8" F	Shiny chrome 3-way single-handle faucet special location of RO water handle



#### Oregon spare parts

Code	Packaging units	Description
262413	1	Spart stem seal kit
298103	1	RO valve kit
298104	1	H/C valve kit

Code	Packaging units	Model	Tube connection	Description
902606	8	Elit	1/2" F	Modern style design 3-way faucet. Black and matt chrome

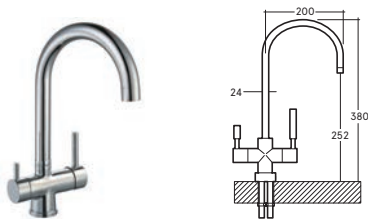


#### Elit spare parts

Code	Packaging units	Description
262425	1	Spart stem seal kit
262426	1	RO valve kit
658108	1	H/C valve kit

### 4-way faucet

Code	Packaging units	Model	Tube connection	Description
902605	6	Lander	3/8" F	Shiny 4-way faucet



#### Lander spare parts

Code	Packaging units	Description
262428	1	Spart stem seal kit
262431	1	RO valve kit
262433	1	H/C valve kit

## Pressurized storage tanks

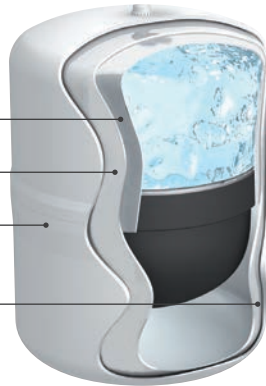
Double layer tank of the highest quality and service life.

Polypropylene liner

Steel + Epoxy

Polypropylene

Double steel and plastic wall



### Specifications:

Internal membrane: butyl.

Internal coating: polypropylene liner.

Max. working pressure: 7 kg/cm<sup>2</sup>.

Pre-load pressure: 0.5 kg/cm<sup>2</sup>.



Code	Packaging units	Material	Diameter mm	Height mm	Capacity gallons	Total l.
262600	1	Steel	210	280	1,8	6,8



Code	Packaging units	Material	Diameter mm	Height mm	Capacity gallons	Total l.
263200	1	Stainless steel	280	360	3,2	12,1



Code	Packaging units	Description	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.
262701*	1	Tank for previous models	Stainless steel	230	360	2,2	8,3
262601**	1	Tank for latest models	Stainless steel	210	280	1,8	6,8

\* *ULTRA, CM, MAGMA, LADYWATER, ALISON, ADVANCE CS1 models.*

\*\* *SINTRA; ADVANCE CS3, INFINITY, SENNA, STARLINE, GUTZZI models.*



Code	Packaging units	Description	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.
263100	1	Tank DUO	Steel/Plast.	280	410	5,5	21
262703	1	Tank DUO	Steel/Plast.	250	370	4,2	16
262704	1	Tank DUO	Steel/Plast.	238	370	3,2	12

## Storage tanks



Code	Packaging units	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.	Real capacity at 3 bars
263300 *	1	Steel	390	580	10,7	40,6	23



Code	Packaging units	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.	Real capacity at 3 bars
263400 *	1	Steel	400	800	20	76	40



Code	Packaging units	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.	Real capacity at 3 bars
263401 *	1	Steel	450	780	30	115	64



Code	Packaging units	Material	Diameter Ø mm	Height mm	Capacity gallons	Total l.	Real capacity at 3 bars
263402 *	1	Steel	450	1000	40	150	79

\* Add connection kit code 263502.

### Storage tanks accessories

Code	Packaging units	Description
263502	1	Connection Kit for pressure tanks: 10,7/20/30/40 Gallons



Code	Packaging units	Description
263600	10	1/4" F - 1/4" M plastic square adaptor

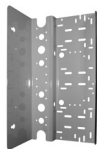


Code	Packaging units	Description
263700	10	1/4" ball valve for tank
263800	10	3/8" ball valve for tank

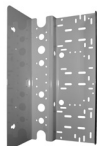


Code	Packaging units	Description
952307	10	1/4" ball valve for tank
952308	10	3/8" ball valve for tank

## Brackets



Code	Packaging units	Material	Description
264100	1	Painted steel	2P 3 x 10" bracket + pump



Code	Packaging units	Material	Description
264400	1	Painted steel	2P 3 x 20" bracket + pump



Code	Packaging units	Material	Description
264500	1	Stainless steel	Wall bracket for faucet



Code	Packaging units	Material	Description
264200	1	Stainless steel	2P/3P 3 x 10" bracket



Code	Packaging units	Material	Connection
764800	1	1/4" wall mounting mixing valve	1/4" F



Code	Packaging units	Material	Connection
764803	1	Polyacetal wall mounting mixing valve	1/4" stem wall mounting



Code	Packaging units	Material	Connection
952400	1	Control valve	1/4" QC
952401	1	Control valve	3/8" QC

## Installation



Code	Packaging units	Description
261900	1	1/4" extension for faucet



Code	Packaging units	Description
262000	10	3/4" F 3/4" M wall extension



Code	Packaging units	Description
262100	10	3/4" F 3/4" M wall extension with 1/4" connection for valve



Code	Packaging units	Description
262200	10	3/4" F 3/4" M wall extension with sliding nut



Code	Packaging units	Description
262202	10	3/4" F 3/4" M wall extension with sliding nut and 1/4" F connection for valve

## Connection



Code	Packaging units	Description
264700	1	Drain clamp 1/4"



Code	Packaging units	Description	Connection
953169	10	Drain clamp - Quick connection	1/4"
953170	10	Drain clamp - Quick connection	3/8"



Code	Packaging units	Description
264800	10	1/2" - 1/2" Wall adaptor + 1/4" F drill hole
264900	10	3/8" - 3/8" Wall adaptor + 1/4" F drill hole



Code	Packaging units	Description
262302	10	1/2" - 1/2" wall adaptor + 1/4" drill hole with sliding nut
264901	10	3/8" - 3/8" wall adaptor + 1/4" drill hole with sliding nut



Code	Packaging units	Description
265000	1	Ball valve tube 1/4" male thread 1/4"
265100	1	Ball valve tube 3/8" male thread 1/4"



Code	Packaging units	Description
265200	1	Ball valve male thread 1/4" female thread 1/4"
265201	1	Ball valve male thread 1/8" female thread 1/4"



## Restrictores de flujo



Code	Packaging units	Description
265400	10	1/4" perforated saddle valve for water inlet



Code	Packaging units	Description
717800	1	1/4" - 1/8" needle valve for demonstration briefcase



Code	Packaging units	Description	Flow	Connection
953160	5	Flow restrictor with quick fitting	300 cc	1/4"
953161	5	Flow restrictor with quick fitting	420 cc	1/4"
953162	5	Flow restrictor with quick fitting	550 cc	1/4"
268401	5	Flow restrictor with quick fitting	2000 cc	1/4"



Code	Packaging units	Description	Flow	Connection
266600	5	Female flow restrictor F 1/4" thread	300 cc	F 1/4"
266800	5	Female flow restrictor F 1/4" thread	420 cc	F 1/4"
267100	5	Female flow restrictor F 1/4" thread	550 cc	F 1/4"
267200	5	Female flow restrictor F 1/4" thread	600 cc	F 1/4"
267300	5	Female flow restrictor F 1/4" thread	800 cc	F 1/4"
268400	5	Female flow restrictor F 1/4" thread	1000 cc	F 1/4"
268402	5	Female flow restrictor F 1/4" thread	1500 cc	F 1/4"



Code	Packaging units	Description	Flow
752900	5	Restrictor insert for JACO	300 cc



Code	Packaging units	Description	Flow
752905	5	Restrictor insert for Tube 1/4"	300 cc

## Clips



Code	Packaging units	Description
267400	10	Clip for 2" cartridges



Code	Packaging units	Description
267500	10	Clip for 2.5" cartridges and membrane housings



Code	Packaging units	Description
267600	10	Double clip for 2" x 2.5" cartridges



Code	Packaging units	Description
267700	10	Double clip for 2.5" x 2.5" cartridges
764400	10	Double clip for 2" x 2" cartridges



Code	Packaging units	Description
764402	1	Double clip for 2" cartridges
764403	1	Double clip for 2.5" cartridges



Code	Packaging units	Description
751200	1	Belt wrench for membrane and filter housings

## Shower filter

Removes chlorine and other chlorinated substances.



Filtering load: KDF and GAC activated carbon.  
Max. temperature: 80 °C.



Code	Packaging units	Description	Connection
289508	1	Shower Filter	1/2" F-M



Code	Packaging units	Description
289603	2	Replacement cartridge shower Filter

**SHOWER FILTER** from Puricom Europe  
Protection and comfort for your skin.



Our Shower Filter will give you the maximum comfort in your daily shower, leaving your skin softer than ever by avoiding chemical products from water.

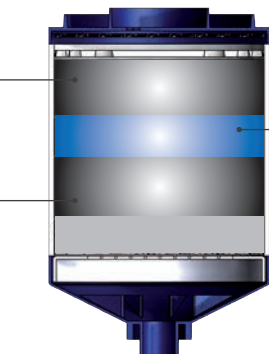


Give your clients a useful and comfortable gift.



GAC ACTIVATED CARBON

GAC ACTIVATED CARBON



KDF® 55



Make the most of your technical assistance service (TAS), by offering an economical but useful product that your clients will appreciate.

Seize the opportunity when contacting your clients and offer them a product that will protect their skin and the skin of their family.



## Low flow faucet aerator for reducing water consumption

Save water and contribute to the preservation of our environment.



Code	Packaging units	Description	Presentation
754113	20	Faucet water saver 1/2 M	1 unit blister



Code	Packaging units	Description	Presentation
754105	20	Faucet water saver 1/2 F	1 unit blister

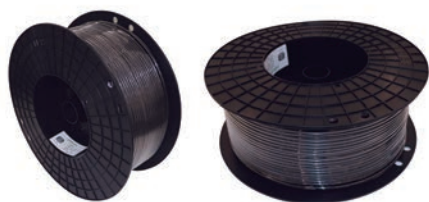


Code	Packaging units	Description	Presentation
754106	26	Shower water saver M	1 unit blister



Code	Packaging units	Description	Presentation
754108	10	Kitchen water saver M	1 unit blister

## DMFIT polyethylene tube (inches)

DMfit®  
Conectores rápidos

Code	Packaging units	Description	OD (outside diameter)	ID (internal diameter)
956002	300 m	1/4 White tube DM	1/4"	0,170
956003	300 m	1/4 Blue tube DM	1/4"	0,170
956005	200 m	5/16" Natural tube DM	5/16"	0,216
956006	200 m	5/16" Black tube DM	5/16"	0,216
956007	200 m	5/16 White tube DM	3/8"	1/4"
956008	200 m	5/16 Blue tube DM	5/16"	0,216
956011	150 m	3/8 White tube DM	3/8"	1/4"
956012	150 m	3/8 Blue tube DM	3/8"	1/4"

DMfit®  
Conectores rápidos

## DMFIT polyethylene tube (metric)

Code	Packaging units	Description	OD (outside diameter)	ID (internal diameter)
956015	500 m	4 Black tube DM	4	2,5
956031	500 m	4 Red tube DM	4	2,5
956018	300 m	6 Natural tube DM	6	4
956019	200 m	6 Black tube DM	6	4
956020	200 m	6 White tube DM	6	4
956021	300 m	6 Blue tube DM	6	4
956022	200 m	8 Natural tube DM	8	6
956023	200 m	8 Black tube DM	8	6
956024	200 m	8 White tube DM	8	6
956025	200 m	8 Blue tube DM	8	6
956027	150 m	10 Black tube DM	10	7
956033	100 m	12 Black tube DM	12	9

## Polyethylene tube



Code	Packaging units	Description	OD (outside diameter)	ID (internal diameter)
952505*	150 m	LDPE 1/4" Natural tube	1/4"	0,170"
952506*	150 m	LDPE 1/4" Black tube	1/4"	0,170"
952500*	150 m	LDPE 1/4" White tube	1/4"	0,170"
952504*	150 m	LDPE 1/4" Blue tube	1/4"	0,170"
952507*	150 m	LDPE 1/4" Red tube	1/4"	0,170"
952509*	150 m	LDPE 3/8" Natural tube	3/8"	0,250"
952510*	150 m	LDPE 3/8" Black tube	3/8"	0,250"
952501*	150 m	LDPE 3/8" White tube	3/8"	0,250"
952508*	150 m	LDPE 3/8" Blue tube	3/8"	0,250"
952511*	150 m	LDPE 3/8" Red tube	3/8"	0,250"
952529*	100 m	LDPE 1/2" Natural tube	1/2"	0,375"
952530*	100 m	LDPE 1/2" Black tube	1/2"	0,375"
952527*	100 m	LDPE 1/2" White tube	1/2"	0,375"
952528*	100 m	LDPE 1/2" Blue tube	1/2"	0,375"
952531*	100 m	LDPE 1/2" Red tube	1/2"	0,375"

### Accesorios



Code	Packaging units	Description	Max. tube Ø
952843	1	Tube cutter	1/2"



Code	Packaging units	Description	Max. tube Ø	Max. Tube Ø
952860	1	Nylon scissors	5/32 (4 mm)	5/8 (16 mm)



Code	Packaging units	Description	Tube
952841	1	Assembly tool	3/16, 1/4, 5/16, 3/8, 1/2

**!** \* Customized tube available under request for minimum quantities of 2000m. per code.



## Starfit Jaco connectors



Code	Packaging units	Description	Connection	
			Tube	M Thread
273900	10	Male connector	1/4"	1/8"
274000	10	Male connector	1/4"	1/4"
274100	10	Male connector	1/4"	3/8"
274200	10	Male connector	3/8"	3/8"
274300	10	Male connector	3/8"	1/4"



Code	Packaging units	Description	Connection	
			Tube	M Thread
274400	10	Male thread elbow	1/4"	1/8"
274500	10	Male thread elbow	1/4"	1/4"
274600	10	Male thread elbow	1/4"	3/8"
274700	10	Male thread elbow	3/8"	1/4"
274800	10	Male thread elbow	3/8"	3/8"
274900	10	Male thread elbow	1/4"	1/8"



Code	Packaging units	Description	Connection		
			Tube	Tube	M Thread
275100	10	Male thread tee	1/4"	1/4"	1/4"
275200	10	Male thread tee	3/8"	3/8"	1/4"



Code	Packaging units	Description	Connection		
			Tube	Thread	M Thread
275300	10	Male side threaded tee	1/4"	1/4"	1/8"
275400	10	Male side threaded tee	1/4"	1/4"	1/4"
275500	10	Male side threaded tee	3/8"	3/8"	3/8"



Code	Packaging units	Description	Tube connection Ø
275700	10	Tee	1/4"
275800	10	Tee	3/8"

## Starfit Jaco connectors



Code	Packaging units	Description	Connection	
			Tube	Tube
275900	10	Union conector	1/4"	1/4"
276000	10	Union conector	3/8"	3/8"
276100	10	Union conector	3/8"	1/4"



Code	Packaging units	Description	Connection		
			Tube	Tube	Thread
275600	10	Mixed tee	1/4"	3/8"	1/4"



Code	Packaging units	Description	Connection	
			Thread	Thread
276200	10	Double male connector	1/4"	1/4"
276300	10	Double male connector	3/8"	3/8"
276400	10	Double male connector	1/2"	1/2"
276500	10	Double male connector	3/4"	3/4"



Code	Packaging units	Description
276800	25	Insert for 1/4" tube



Code	Packaging units	Description
276900	25	Insert for 3/8" tube



*DMfit*<sup>®</sup>  
Conectores rápidos

## Acetal fittings (white/inch)

**Water & food use.** Starfit products are manufactured from safe, non-toxic materials meeting the requirements of the most recognized international certificates. Our products are widely used in water purification, food/beverage and pneumatic systems.

**Function & Quality.** Starfit provides quick and convenient assembly – saving time & expense. Our ISO9001 registered quality system ensures our customers a superior level of product quality. Defects are easily detectable and maintenance is easy with its easy dismantling for access.

**Collet Design.** Our unique oval collet design is superior and more practical, and is an improvement welcomed by our worldwide customers in all industries.

**Applications.** Beyond water and food use, fittings can be used with air, gases, vacuum, & liquids. And all connections can be assembled & disassembled repeatedly. A broad of sizes covers a broad scope of applications.

Color. White (Acetal).

O-ring. NBR.



## Acetal fittings



Code	Packaging units	Description	Tube	Tube	Thread
951405	10	Bulkhead union	1/4	1/4	M16 x P1
951417	10	Bulkhead union	1/4	3/8	M20 x P1,5
951418	10	Bulkhead union	5/16	5/16	M20 x P1,5
951419	10	Bulkhead union	3/8	1/4	M20 x P1,5
951406	10	Bulkhead union	3/8	3/8	M20 x P1,5
951420	10	Bulkhead union	1/2	1/2	M27 x P1,5



Code	Packaging units	Description	Stem	Thread M
950542	10	Stem adapter - BSPT(PT) Thread	5/16	1/4
950543	10	Stem adapter - BSPT(PT) Thread	5/16	3/8
950544	10	Stem adapter - BSPT(PT) Thread	3/8	1/4
950545	10	Stem adapter - BSPT(PT) Thread	3/8	3/8
950546	10	Stem adapter - BSPT(PT) Thread	1/2	1/2



Code	Packaging units	Description	Tube
952106	10	Cross	1/4
952107	10	Cross	5/16
952108	10	Cross	3/8
952109	10	Cross	1/2



Code	Packaging units	Description	Tube	Tube
951913	10	Three way divider	3/8	1/4
951914	10	Three way divider	1/2	3/8

## Acetal fittings



Code	Packaging units	Description	Tube	Stem
950213	10	Stem elbow union	1/4	1/4
950214	10	Stem elbow union	1/4	3/8
950215	10	Stem elbow union	5/16	5/16
950216	10	Stem elbow union	5/16	3/8
950217	10	Stem elbow union	3/8	3/8
950218	10	Stem elbow union	3/8	1/2
950219	10	Stem elbow union	1/2	1/2



Code	Packaging units	Description	Tube	Tube
950724	10	Union connector	1/4	1/4
950725	10	Union connector	5/16	5/32
950726	10	Union connector	5/16	3/16
950727	10	Union connector	5/16	1/4
950728	10	Union connector	5/16	5/16
950729	10	Union connector	3/8	3/16
950730	10	Union connector	3/8	1/4
950731	10	Union connector	3/8	5/16
950732	10	Union connector	3/8	3/8
950733	10	Union connector	1/2	5/16
950734	10	Union connector	1/2	3/8
950735	10	Union connector	1/2	1/2
950736	10	Union connector	3/8	7.5 mm



Code	Packaging units	Description	Tube
952010	10	Tube end stop	1/4
952012	10	Tube end stop	3/8
952013	10	Tube end stop	1/2

## Acetal fittings



Code	Packaging units	Description	Stem
952016	10	Male tube end stop	1/4
952017	10	Male tube end stop	5/16
952018	10	Male tube end stop	3/8
952019	10	Male tube end stop	1/2



Code	Packaging units	Description	Tube In	Tube Out
951916	10	Two way divider	1/4	1/4
951917	10	Two way divider	5/16	5/16
951918	10	Two way divider	3/8	5/16
951919	10	Two way divider	3/8	3/8
951920	10	Two way divider	3/8	1/2
951921	10	Two way divider	1/2	1/2



Code	Packaging units	Description	Tube	Thread
951803	10	Kitchen faucet adapter - NPSM Thread	1/4	1/2-14
951804	10	Kitchen faucet adapter - NPSM Thread	3/8	1/2-14



For installing undercounter filters & RO systems.



Code	Packaging units	Description	Tube	Tube
951922	10	U bend	1/4	1/4
951923	10	U bend	5/16	5/16
951924	10	U bend	3/8	3/8
951925	10	U bend	1/2	1/2



## Acetal fittings



Code	Packaging units	Description	Tube	Thread
951801	10	Adaptador. Thread UNEF	1/4	9/16-24
951802	10	Adaptador. Thread UNEF	3/8	9/16-24

For installing undercounter filters and RO systems.



Code	Packaging units	Description	Thread	Thread
951800	10	Both female - BSP (P) Thread	3/4	1/4

For installing undercounter filters and RO systems.



Code	Packaging units	Description	Tube	F Thread
950955	10	Female adapter - BSP (P) Thread (Flat type)	3/8	1/2
950956	10	Female adapter - BSP (P) Thread (Flat type)	3/8	5/8
950957	10	Female adapter - BSP (P) Thread (Flat type)	1/2	3/8
950958	10	Female adapter - BSP (P) Thread (Flat type)	1/2	1/2
950959	10	Female adapter - BSP (P) Thread (Flat type)	1/2	5/8

Incluye junta interior.



Code	Packaging units	Description	Tube	F Thread
950939	10	Female adapter - UNF Thread (cone type)	1/4	7/16-20
950940	10	Female adapter - UNF Thread (cone type)	5/16	7/16-20
950941	10	Female adapter - UNF Thread (cone type)	3/8	7/16-20



Code	Packaging units	Description	Tube	F Thread
950942	10	Female adapter - UNF Thread (cone type)	1/4	7/16-20
950943	10	Female adapter - UNF Thread (cone type)	5/16	7/16-20
950944	10	Female adapter - UNF Thread (cone type)	3/8	7/16-20
950945	10	Female adapter - UNF Thread (cone type)	3/8	5/8-18

7/16 corresponds to 1/4 MFL. 5/8 corresponds to 3/8 MFL.

## Acetal fittings



Code	Packaging units	Description	Tube	F Thread
950960	10	Female adapter for 1 way faucet - UNS Thread (cone type)	1/4	7/16-24
950961	10	Female adapter for 1 way faucet - UNS Thread (cone type)	5/16	7/16-24
950962	10	Female adapter for 1 way faucet - UNS Thread (cone type)	3/8	7/16-24

Includes inner O-ring.



Code	Packaging units	Description	Tube	F Thread
950964	10	Female adapter - UN Thread (cone-type)	3/8	1/2-16
950965	10	Female adapter - UN Thread (cone-type)	1/2	1/2-16

Includes inner O-ring.



Code	Packaging units	Description	Stem	M Thread
950532	10	Stem adapter - NPTF Thread	1/4	1/8
950533	10	Stem adapter - NPTF Thread	1/4	1/4
950534	10	Stem adapter - NPTF Thread	5/16	1/8
950535	10	Stem adapter - NPTF Thread	5/16	1/4
950536	10	Stem adapter - NPTF Thread	5/16	3/8
950537	10	Stem adapter - NPTF Thread	3/8	1/4
950538	10	Stem adapter - NPTF Thread	3/8	3/8
950539	10	Stem adapter - NPTF Thread	1/2	3/8
950540	10	Stem adapter - NPTF Thread	1/2	1/2

## Acetal fittings



Code	Packaging units	Description	Tube	M Thread
950358	10	Male connector - NPTF Thread	1/4	1/8
950359	10	Male connector - NPTF Thread	1/4	1/4
950360	10	Male connector - NPTF Thread	1/4	3/8
950361	10	Male connector - NPTF Thread	1/4	1/2
950362	10	Male connector - NPTF Thread	5/16	1/8
950363	10	Male connector - NPTF Thread	5/16	1/4
950364	10	Male connector - NPTF Thread	5/16	3/8
950365	10	Male connector - NPTF Thread	3/8	1/8
950366	10	Male connector - NPTF Thread	3/8	1/4
950367	10	Male connector - NPTF Thread	3/8	3/8
950368	10	Male connector - NPTF Thread	3/8	1/2
950369	10	Male connector - NPTF Thread	1/2	3/8
950370	10	Male connector - NPTF Thread	1/2	1/2



Code	Packaging units	Description	Tube	Tube
950022	10	Elbow union	1/4	1/4
950023	10	Elbow union	5/16	5/32
950024	10	Elbow union	5/16	3/16
950025	10	Elbow union	5/16	1/4
950026	10	Elbow union	5/16	5/16
950027	10	Elbow union	3/8	3/16
950028	10	Elbow union	3/8	1/4
950029	10	Elbow union	3/8	5/16
950030	10	Elbow union	3/8	3/8
950031	10	Elbow union	1/2	1/4
950032	10	Elbow union	1/2	5/16
950033	10	Elbow union	1/2	3/8
950034	10	Elbow union	1/2	1/2

## Acetal fittings



Code	Packaging units	Description	Tube	M Thread
952211	10	Male elbow - NPTF Thread	1/4	1/8
952212	10	Male elbow - NPTF Thread	1/4	1/4
952213	10	Male elbow - NPTF Thread	1/4	3/8
952214	10	Male elbow - NPTF Thread	5/16	1/4
952215	10	Male elbow - NPTF Thread	5/16	3/8
952216	10	Male elbow - NPTF Thread	3/8	1/4
952217	10	Male elbow - NPTF Thread	3/8	3/8
952218	10	Male elbow - NPTF Thread	1/2	3/8
952219	10	Male elbow - NPTF Thread	1/2	1/2



Code	Packaging units	Description	Tube	Tube	Tube
950615	10	Tee union	1/4	1/4	1/4
950616	10	Tee union	5/16	5/16	5/16
950617	10	Tee union	3/8	3/8	1/4
950618	10	Tee union	3/8	3/8	3/8
950619	10	Tee union	1/2	1/2	3/8
950620	10	Tee union	1/2	1/2	1/2



Code	Packaging units	Description	Tube	F Thread
950933	10	Female adapter - NPTF Thread	1/4	1/8
950934	10	Female adapter - NPTF Thread	1/4	1/4
950935	10	Female adapter - NPTF Thread	5/16	1/8
950936	10	Female adapter - NPTF Thread	5/16	1/4
950937	10	Female adapter - NPTF Thread	3/8	1/8
950938	10	Female adapter - NPTF Thread	3/8	1/4



Code	Packaging units	Description	Tube	F Thread
950946	10	Female adapter- BSP(P) Thread (cone type)	1/4	3/8
950947	10	Female adapter- BSP(P) Thread (cone type)	1/4	1/2
950948	10	Female adapter- BSP(P) Thread (cone type)	5/16	3/8
950949	10	Female adapter- BSP(P) Thread (cone type)	5/16	1/2
950950	10	Female adapter- BSP(P) Thread (cone type)	3/8	3/8
950951	10	Female adapter- BSP(P) Thread (cone type)	3/8	1/2
950952	10	Female adapter- BSP(P) Thread (cone type)	3/8	5/8
950953	10	Female adapter- BSP(P) Thread (cone type)	1/2	5/8

## Acetal fittings



Code	Packaging units	Description	Tube	Tube
952400	10	Flow control valve union connector	1/4	1/4
952401	10	Flow control valve union connector	3/8	3/8



Code	Packaging units	Description	Tube	Tube
952404	10	Flow control valve elbow union	1/4	1/4
952405	10	Flow control valve elbow union	3/8	3/8



Code	Packaging units	Description	Tube	F Thread
952408	10	Flow control valve female adapter - NPTF Thread	1/4	1/4
952409	10	Flow control valve female adapter - NPTF Thread	3/8	3/8



Code	Packaging units	Description	Tube	M Thread
952412	10	Flow control valve male connector - NPTF Thread	1/4	1/4
952413	10	Flow control valve male connector - NPTF Thread	3/8	3/8



Code	Packaging units	Description	Tube	M Thread
952301	10	Hand valve male connector	1/4	1/4
952302	10	Hand valve male connector	3/8	3/8
952303	10	Hand valve male connector	1/2	1/2

## Acetal fittings



Code	Packaging units	Description	Fitting*	Tube	Tube
952304	10	Hand valve union connector	S*	1/4	1/4
952305	10	Hand valve union connector	S*	5/16	5/16
952300	10	Hand valve union connector	S*	3/8	3/8
952306	10	Hand valve union connector	S*	1/2	1/2



Code	Packaging units	Description	Tube	F Thread
952313	10	Hand valve female adapter union connector	3/8	1/2



Code	Packaging units	Description	Tube	F Thread
952307	10	Hand valve female adapter	1/4	1/4
952308	10	Hand valve female adapter	3/8	1/4
952309	10	Hand valve female adapter	3/8	3/8
952310	10	Hand valve female adapter	3/8	1/2
952311	10	Hand valve female adapter	1/2	3/8
952312	10	Hand valve female adapter	1/2	1/2



Code	Packaging units	Description	Tube	Tube
952315	10	Hand valve union connector (short handle)	3/8	3/8



Code	Packaging units	Description	Tube
952316	10	Mounting clip	3/8

! \*Fitting S = small size.



## Check valve



Code	Packaging units	Description	Tube out	Tube In
951300	10	Check valve	1/4	1/4
951307	10	Check valve	1/4	5/16
951301	10	Check valve	5/16	5/16
951302	10	Check valve	3/8	3/8
951303	10	Check valve	1/2	1/2



Code	Packaging units	Description	Tube	M Thread
951310	10	Mini check valve - NPTF thread	1/4	1/8

## In-line filters



Code	Packaging units	Description	Tube	Tube
953000	50	Inch size - standard 100 mesh	1/4	1/4
953001	50	Inch size - standard 100 mesh	5/16	5/16
953002	50	Inch size - standard 100 mesh	3/8	3/8
953003	40	Inch size - standard 100 mesh	1/2	1/2





# 5. Commercial and industrial RO

Commercial and industrial RO

Applications

Aquabier

Beaqua

Purecleer Mini

Purecleer Panel

Purecleer Base

Purecleer Standard

Purecleer Compact 403

Purecleer Compact 800

Specials projects



# C500 C700

RO COMERCIAL 500 RO COMERCIAL 700

The most versatile direct flow RO.

### Description

450685. COMMERCIAL RO SYSTEM C-500. Including a prefiltration made of (sediment 5µm, Carbon GAC and Carbon block), 400 GPD membrane and auto flushing. Manometer , inlet and drain connectors. In this case faucet and tank are not included because depending on the installation it is better to use a bigger or smaller pressure tank as well as faucet model.

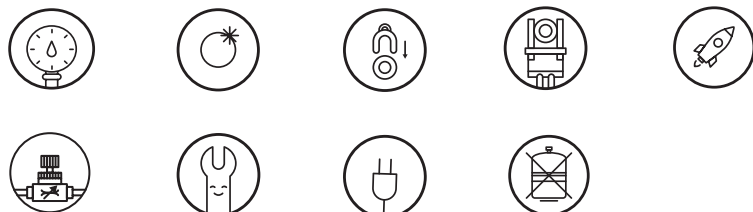
450699. COMMERCIAL RO SYSTEM C-700 . Including a prefiltration made of (sediment 5µm, Carbon GAC and Carbon block), 600 GPD membrane and auto flushing. Manometer , inlet and drain connectors. In this case faucet and tank are not included because depending on the installation it is better to use a bigger or smaller pressure tank as well as faucet model.



## Consummables for periodic maintenance



1. 209200. Spun pp cartridge 9 3/4" 5µ.
2. 213600. GAC cartridge 10".
3. 214000. Carbon block cartridge 9 7/8" 10µ.
4. 292707. Membrane 400 GPD greenfilter (Membrane 600 GPD ref. 450702 model C700).



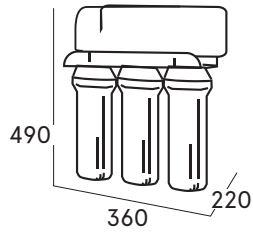
## Features

### Start and stop of the system

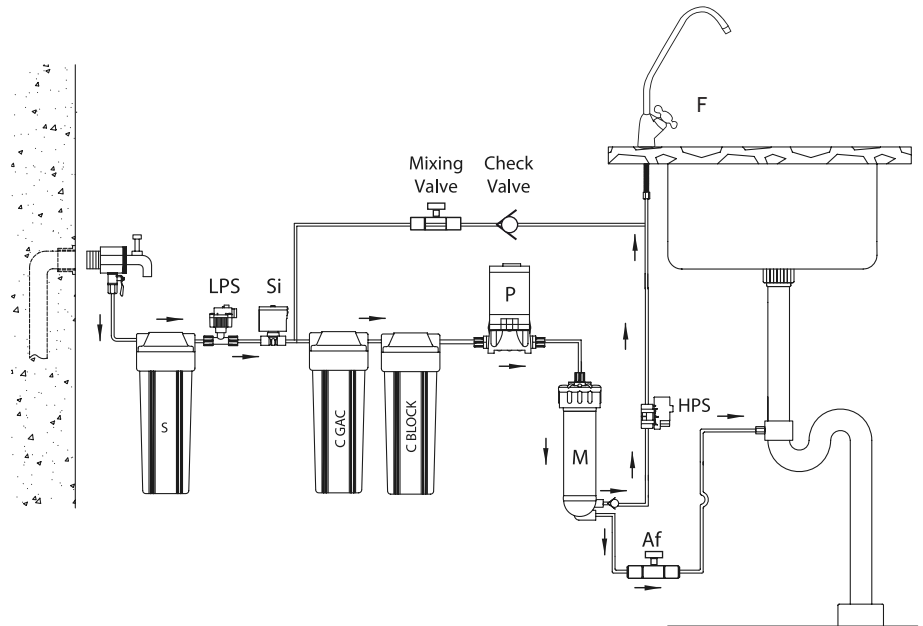
This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

Weight: 12 kg



## Hydraulic diagram







The most versatile commercial RO.

**Description**

450701. COMMERCIAL RO SYSTEM C-1200. Including a 20" prefiltration made of (sediment 5µm, Carbon GAC and Carbon block), 2 X 600 GPD membrane with 2 X Diaphragm pumps and auto flushing with reverse osmosis water ( 2 small pressure tanks included). Inlet and drain connectors. In this case faucet and tank are not included because depending on the installation it is better to use a bigger or smaller pressure tank as well as faucet model.



Consummables for periodic maintenance



1. 209800. Spun pp cartridge 20" 5µm.
2. 213700. GAC cartridge 20".
3. 214100. Carbon block cartridge 20" 10µm.
4. 450702. Membrane 600 GPD greenfilter.





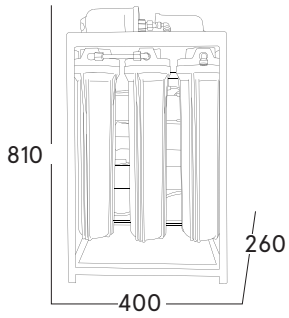
## Features

### Start and stop of the system

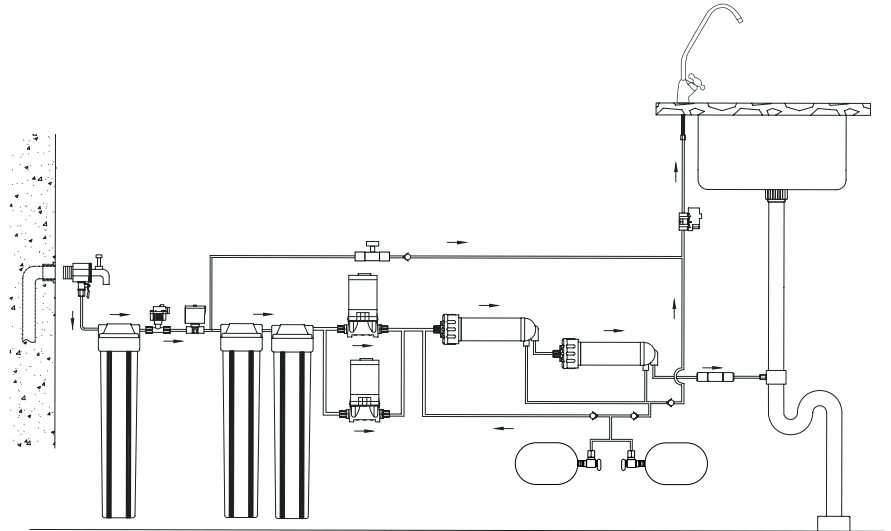
This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

Weight: 26 kg



## Hydraulic diagram





reverse  
**cp600**  
osmosis

The most compact commercial RO.

**Description**

796215. IND. RO SYSTEM PREMIUM CP-600. Including a 18" FT bayonetted prefiltration made of (sediment 5µm, Carbon GAC X 2 and Carbon block), 3 X capsulated 180 GPD membrane (first two membranes in parallel and rejection of both goes to the third so ecofriendly recovery of 1 liter permeate – 1 liter drain), auto flushing, manometer and mixing valve. inlet and drain connectors. In this case faucet and tank are not included because depending on the installation it is better to use a bigger or smaller pressure tank as well as faucet model.



Consumables for periodic maintenance



1. 799571. PP 5µm FT cartridge 18".
2. 799572. GAC FT cartridge 18".
3. 799572. GAC FT cartridge 18".
4. 799573. BLOCK FT cartridge 18".
5. 292709. Capsulated membrane 180 GPD Greenfilter.
6. 292709. Capsulated membrane 180 GPD Greenfilter.
7. 292709. Capsulated membrane 180 GPD Greenfilter.



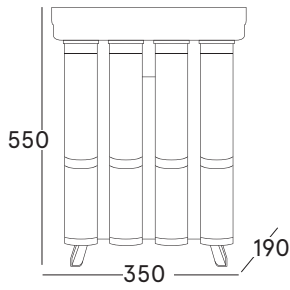
## Features

### Start and stop of the system

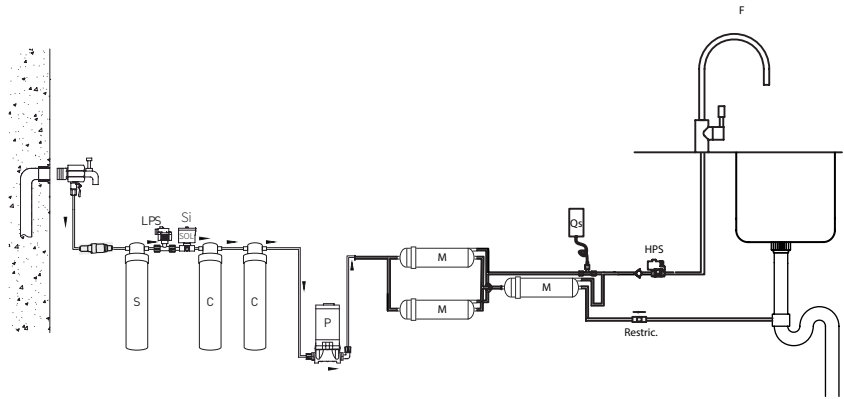
This system is provided with a low (pump protection) and high pressure switches for operation control. It stops the system when the tank is full and starts again when it is partially emptied.

## Dimensions and weight

Weight: 14 kg



## Hydraulic diagram



## Applications



Domestic / hotel industry  
Ice makers  
Glass washing  
Household applications

aquaBier



Hotel and catering sector  
Espresso machines  
Ice cube makers

BeAqua<sub>4000</sub>



Industrial sector and  
Horeca sector  
Glass washing  
Industrial dishwashers  
Household applications

PureClear

Mini System



Industry  
 Service / Consumption  
 Car wash tunnels  
 Industrial ice makers

**PureClear**  
INDUSTRIAL REVERSE OSMOSIS

Panel RO System



Industry  
 Cooling towers  
 Agriculture and chemical industry

**PureClear**  
INDUSTRIAL REVERSE OSMOSIS

Base RO System



Industry  
 Pharmaceutical  
 Electronics

**PureClear**  
INDUSTRIAL REVERSE OSMOSIS

Standard RO System

**aquabier** Designed for feeding dishwasher, ice machines, soda dispensers, coffee machines.



Front view



Internal view



Lateral view accumulation and pressure group

**D** Designed in Barcelona

## Ósmosis Aquabier

Thanks to the compact design and high performance, this system is ideal for hotel industry, specially for dishwashers that requires high quality water and constant pressure. It incorporates all necessary stages and a stainless steel pressure group.

### General specifications:

Production: 400 L/day.  
3 white 10" filter housings.  
5 µm 10" melt blown polypropylene pre-filter.  
10" GAC carbon pre-filter.  
10" BLOCK carbon pre-filter.  
Booster pump.  
Current transformer/adaptor 220 VAC -24 VDC for operation.  
Inlet electrovalve.  
Low pressure switch.  
600 GPD 3213 membrane.  
Flow restrictor for rejection 2000 cc.

Inox check valve.  
Water tank: 35 l.  
Stainless steel pressure group  
1/4 CV.

### Technical specifications:

Operating voltage: 220 V monophase/50 Hz.  
Max. TDS: 1500 ppm.  
Max. hardness: 15 °F.  
Working temperature: 4-40°C.  
Inlet pressure: between 2 and 6 bar.  
Outlet pressure: 3 bar at 11 l/minute.

### Dimensions:

Height: 833 mm.  
Width: 478 mm.  
Length: 458 mm.

\* Production calculated at 25 °C, 250 ppm and using soft water.

Code	Packaging units	Description	Recommended production	Membranes units
796216	1	White AQUABIER. Lacquered galvanized iron cabinet	400	1 x 3013-600 GPD
796217	1	Stainless steel AQUABIER. Stainless steel 304 cabinet	400	1 x 3013-600 GPD





Reverse osmosis systems for community and semi-industrial applications.



## Commercial RO Bequa

Thanks to the small dimensions and high performance, this system is ideal for small business, the hotel and catering sector or industrial applications, which require high quality water.

Includes all necessary treatment stages. Its performance can be notably improved if soft water is used.

### General specifications:

Production: 3400 L/day.  
 3 white 20" filter housings.  
 5 µm 20" melt blown polypropylene pre-filter.  
 20" GAC carbon pre-filter.  
 20" BLOCK carbon pre-filter.  
 Rotary vane pump 400 L/h.  
 Motor 1/2 CV.  
 Low pressure switch.  
 High pressure switch.  
 Current transformer/adaptor for operation.  
 Inlet electrovalve.

3 x 400 GPD 3013 membranes.  
 Flow restrictor for rejection 2500 cc.  
 Check valve.  
 Time-controlled electrovalve for membrane flushing.  
 Auto-flushing system with permeated water (optional).  
 Material: Stainless steel/plastic.

### Technical specifications:

Operating voltage: 220 V single-phase/50 Hz.  
 Max. TDS: 1500 ppm.  
 Max. hardness: softened water.  
 Working temperature: 4-40 °C.

Inlet pressure: between 2 and 6 bar.

### Dimensions:

Height: 725 mm.  
 Width: 620 mm.  
 Length: 385 mm.

Appropriate pre-treatment must be considered according to the quality of water to be treated.

Production calculated at 25 °C, 250 ppm and using soft water.

Code	Packaging units	Description	Production L/day	Water recovery %	Membranes units
796204	1	Bequa	3400	40-55	3 x 3013-400 GPD

### Options

Code	Packaging units	Description	Capacity galons
262703	1	Pressure tank for flushing with osmosis water	4,2

### Membranes

Code	Packaging units	Description
292707	1	3013 400 GPD membrane

**!** Please, ask for other voltages and frequencies.

**PureClear**

Specially designed systems for domestic and industrial use.

**PURECLEER MINI.**



**D3** Designed  
in Barcelona

## Pureclear Mini

Automatic and compact systems assembled on an iron structure, with baked-on paint coating and anti-corrosion treatment.

### General specifications:

2 x 9 3/4" housings for 5 and 1 µm filtration.  
Brass electrovalves.  
Low pressure switch.  
Brass rotary vane pump.  
TFC membranes.  
Medium pressure PRFV housings.  
Electrical power board with programmer and TDS.  
Automatic flushing system.  
Rejection flowmeter.

Production flowmeter.  
Rejection adjustment valve.  
Recirculation adjustment valve.  
2 Pressure gauges.  
Front panel made of lacquered, anodized aluminium.

### Technical specifications:

Operating voltage:  
220 V single-phase/50 Hz.  
Max. TDS: 2500 ppm.  
Inlet pressure: between 2 and 6 bar.

### Dimensions:

Height: 900 mm.  
Width: 450 mm.  
Length: 400 mm.

Appropriate pre-treatment must be considered according to the quality of water to be treated.

Production calculated at 18 °C and 2000 ppm.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
232700	1	1400	20 - 45	2	25 x 21
232800	1	2000	27 - 55	3	25 x 21
233000	1	3300	32 - 45	2	25 x 40

### Options

Code	Packaging units	Description
238901	1	Flowmeter mixing kit + Electrovalve and needle valve for mixing water

Code	Packaging units	Description
539405	1	Digital conductivity meter for treated water

**!** Please, ask for other voltages and frequencies.

## PureClear

PURECLEAR PANEL.



**D** Designed  
in Barcelona



### Pureclear Panel

Automatic and compact systems assembled on an aluminium panel for wall mounting, and anti-corrosion treatment.

#### General specifications:

2 x 9 3/4" housings for 5 and 1 µm filtration.  
Brass electrovalves.  
Low pressure switch.  
Brass rotary vane pump.  
TFC membranes.  
Medium pressure PRFV housings.  
Electrical power board with programmer and TDS.  
Automatic flushing system.  
Rejection flowmeter.

Recirculation flowmeter.  
Production flowmeter.  
Rejection adjustment valve.  
Recirculation adjustment valve.  
3 Pressure gauges.  
Front panel made of lacquered aluminium.

#### Technical specifications:

Operating voltage 220/380 V  
single-phase/three-phase/50 Hz.  
Max. TDS 2500 ppm.  
Inlet pressure: between 2 and 6 bar.

#### Dimensions:

Height: 1300 mm.  
Width: 200 mm.  
Length: 980 mm.

Appropriate pre-treatment must be considered according to the quality of water to be treated.

Production calculated at 18 °C at 2000 ppm.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
233600	1	1680	19 - 35	1	25 x 40
233700	1	3360	32 - 45	2	25 x 40
233800	1	5040	42 - 55	3	25 x 40
233900	1	6720	48 - 65	4	25 x 40
234000	1	4800	30 - 50	1	40 x 40

#### Options

Code	Packaging units	Description
238902	1	Flowmeter mixing kit + Electrovalve and needle valve for mixing water

Code	Packaging units	Description
539405	1	Digital conductivity meter for treated water

**!** Para Please, ask for other voltages and frequencies. this system can be manufactured with multicellular pump to be installed in the floor with 2x4040 membranes (Code 234101).

## PureClear

INDUSTRIAL REVERSE OSMOSIS

### PURECLEAR BASE.



## Pureclear Base

Automatic and compact systems assembled on an iron structure, with baked-on paint finish and anti-corrosion treatment.

### General specifications:

2 x 20" housings for 5 and 1 µm filtration.  
 Brass electrovalves.  
 Low pressure switch.  
 Stainless steel 304 multicellular pump.  
 TFC membranes.  
 Medium pressure PRFV housings.  
 Electrical power board with programmer and TDS.  
 Automatic flushing system.  
 Rejection flowmeter.  
 Recirculation flowmeter.

Production flowmeter.  
 Rejection adjustment valve.  
 Recirculation adjustment valve.  
 4 Pressure gauges.  
 Polyamide and PVC tubes.  
 Front panel made of lacquered, anodized aluminium.

### Technical specifications:

Operating voltage 380 V  
 three-phase/50 Hz.  
 Max. TDS 3500 ppm.

Inlet pressure:  
 between 2 and 6 bar.

### Dimensions:

Height: 1700 mm.  
 Width: 650 mm.  
 Length: 500 mm.

Appropriate pre-treatment must be considered according to the quality of water to be treated.

Production calculated at 18°C at 2000 ppm.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
234400	1	3600	32 - 45	2	25 x 40
234500	1	5280	42 - 55	3	25 x 40
234600	1	6600	48 - 65	4	25 x 40
234800	1	4800	30 - 50	1	40 x 40
234900	1	9600	33 - 50	2	40 x 40
235000	1	14200	39 - 65	3	40 x 40
235100	1	19200	48 - 65	4	40 x 40
235101	1	24000	50 - 70	5	40 x 40
235102	1	28800	50 - 70	6	40 x 40

## Options

Code	Packaging units	Description
238900	1	Flowmeter mixing kit + Electrovalve and needle valve for mixing water
539405	1	Digital conductivity meter for treated water
239200	1	Flushing system kit



Please, ask for other voltages and frequencies.



## Pureclear Estándar

Automatic and compact systems assembled on an iron structure, with baked-on paint coating and anti-corrosion treatment.

### General specifications:

2 x 20" housings for 5 and 1  $\mu\text{m}$  filtration.  
Brass inlet electrovalve.  
Brass/SS flushing electrovalve or motorised valve.  
Low pressure switch.  
Multicellular pump made of AISI 316 stainless steel.  
TFC membranes.  
PRFV housings.  
Electrical power board with programmer and TDS.  
Automatic flushing system with permeated water.  
Rejection flowmeter.  
Recirculation flowmeter.

Production flowmeter.  
Rejection adjustment valve.  
Recirculation adjustment valve.  
4 Pressure gauges.  
AISI 316 SS/polyamide/PVC tubes.  
Front panel made of lacquered, anodized aluminium.  
Conductivity meter.

### Technical specifications:

Operating voltage 380 V three-phase/50 Hz.  
Max. TDS 6000 ppm.  
Inlet pressure: between 2 and 6 bar.

### Dimensions:

Height: 1700 mm.  
Width: 650 mm.  
Length: 1500 mm.  
Appropriate pre-treatment must be considered according to the quality of water to be treated.  
Production calculated at 18 °C at 2000 ppm.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
236400	1	3600	32 - 45	2	25 x 40
236500	1	5850	42 - 55	3	25 x 40
236600	1	6600	48 - 65	4	25 x 40
236800	1	4800	30 - 50	1	40 x 40
236900	1	9600	33 - 50	2	40 x 40
237000	1	14200	39 - 65	3	40 x 40
237100	1	19200	48 - 65	4	40 x 40
237200	1	24000	50 - 70	5	40 x 40
237201	1	28800	50 - 70	6	40 x 40

**!** Note: the components of the materials used for manufacturing depend on inlet water.  
For TDS values higher than 6000 ppm, please ask for a quotation. Please, ask for other voltages and frequencies.



**PureClear**  
PROFESSIONAL REVERSE OSMOSIS

**PURECLEER  
COMPACT 403.**



## Pureclear compact 403

Automatic and compact systems assembled on a painted iron structure, and with anti-corrosion treatment.

### General specifications:

Multi-cartridge system for filtration.  
Pneumatic electrovalves.  
Low pressure switch.  
Multicellular pump made of SS 316.  
TFC membranes.  
PRFV housings.  
Electrical power board with programmer and TDS.  
Automatic flushing system with permeated water.

Rejection flowmeter.  
Production flowmeter.  
Rejection adjustment valve.  
Glycerine pressure gauges.  
PVC/stainless steel tubes.  
Inlet and outlet conductivity meter.

### Technical specifications:

Operating voltage 380 V  
three-phase/50 Hz.  
Inlet pressure: between 2 and 6 bar.

### Dimensions:

Depending on the quotation.

Production calculated at 18 °C and 2000 ppm.

Appropriate pre-treatment must be considered according to the quality of water to be treated.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
237600	1	43000	50 - 70	9	40 x 40
237700	1	48000	50 - 70	12	40 x 40
237800	1	77000	50 - 75	16	40 x 40

### Options

Code	Packaging units	Description
239500	1	Redox potential
239400	1	PHmeter

**!** *These systems are quoted under request.  
Please, ask for other voltages and frequencies.*

**PureClear**  
INDUSTRIAL WATER TREATMENT

PURECLEER  
COMPACT 800.



## Pureclear compact 800

Automatic and compact systems assembled on a painted iron structure, and with anti-corrosion treatment.

### General specifications:

Multi-cartridge system for filtration.  
Pneumatic electrovalves.  
Low pressure switch.  
Multicellular pump made of SS 316.  
TFC membranes.  
PRFV housings.  
Electrical power board with programmer and TDS.  
Automatic flushing system with permeated water.

Rejection flowmeter.  
Production flowmeter.  
Rejection adjustment valve.  
Glycerine pressure gauges.  
PVC/stainless steel tubes.  
Inlet and outlet conductivity meter.

### Technical specifications:

Operating voltage 380 V  
three-phase/50 Hz.  
Inlet pressure: between 2 and 6 bar.

### Dimensions:

Depending on the quotation.

Production calculated at  
18 °C at 2000 ppm.

Appropriate pre-treatment must be  
considered according to the quality  
of water to be treated.

Code	Packaging units	Production L/day	Water recovery %	Membranes units	Type of membrane
237900	1	72000	50 - 55	3	80 x 40
238000	1	96000	50 - 60	4	80 x 40
238100	1	144000	50 - 70	6	80 x 40
238200	1	216000	50 - 65	9	80 x 40
238400	1	288000	50 - 70	12	80 x 40

### Options

Code	Packaging units	Description
239500	1	Redox potential
239400	1	PHmeter

**!** *These systems are quoted under request.  
Please, ask for other voltages and frequencies.*



## Specials projects

Puricom Europe has a technical department specialised in industrial projects, which allows us to meet your requirements. A sample of some of the projects that have been carried out is shown below: Complete Reverse Osmosis plants for brackish water, with a production of up to 2,000 m<sup>3</sup>/day. This water can be used for irrigation, industry, drinking water...: Desalination plants to treat water with a high salinity level, for both brackish or sea water. Double pass RO systems to obtain low conductivities for pharmaceutical processes, laboratories, ...

If you need a special system, do not hesitate to contact us for a customised project.



Ultrafiltration system of 4.000 l/day for the purification of drinking water installed in Uganda.



Industrial Reverse Osmosis of 400.000 l/day for a steam boiler treatment installed in Relizane (Argelia).





Industrial Reverse Osmosis of 60.000 l/day installed in Argelia.



Industrial Reverse Osmosis of 43.000 l/day for the purification of drinking water in a chicken farm installed in Lérida (Spain).





## 6. Direct Sales

Neatwork

Neatwork Direct sales

Higienisation

Maintenance

## Sanitizing case

Automatic system for the sanitation of domestic reverse osmosis equipments. Easy to be used, it is only necessary to connect the reverse osmosis equipment to the suitcase. The suitcase will carry out automatically the whole sanitation process.



Be professional and give the best service assuring an efficient and effective sanitization of the RO system during every yearly maintenance.



Code	Packaging units	Description
268216	1	Sanitizing case



Code	Packaging units	Description
743317	25	Granulated mono dose to sanitize RO systems

## Sanitizing products for softeners



**NeatWork**



Code	Packaging units	Description
611000	20	CLEAN SOFTENER. Single-dose granulated product for prevention and/or cleaning of water softeners. 30 gr.



Code	Packaging units	Description
652100	5	BACWATER. Bactericidal product for the sanitization of systems. Container of 120 cc

## Double demonstration briefcase composition: softener and reverse osmosis



Faucet connection kit.  
2 Test tubes.  
Test tubes holder.  
2 Erlenmeyer of 150 ml.  
Hardness analyser.  
Disposable portable softener.  
150 cc bottle of precipitator 1. Demo drop crystal.  
150 cc bottle of precipitator 2. Demo drop green.  
150 cc bottle of soap.  
Electronic TDS meter.  
Advanced electrolysis precipitator, WA.TEST (Optional).  
150 cc bottle with chlorine determination reagent.  
4 Drop dispenser.  
2 Iron electrodes WA.TEST (Optional).



Code	Packaging units	Description
269313	1	Double demonstration briefcase with WA.TEST
269314	1	Double demonstration briefcase without WA.TEST



Code	Packaging units	Description
268208	1	WA.TEST electrolysis precipitator
268203	1	WA.TEST transformer for electrolysis precipitator



Code	Packaging units	Description
714403	1	Demo housing + resin cartridge
766100	1	10" resin cartridge



Code	Packaging units	Description
270800	1	Holder for 2 test tubes made of transparent methacrylate



Code	Packaging units	Description
270600	2	Transparent plastic test tube 15 x 100 for demonstration



Code	Packaging units	Description
704500	2	100 ml Erlenmeyer glass flask for soap demonstration in softened water. Includes the plugs.



## Demonstration reagents



Code	Packaging units	Description
271404	5	Reagent for hardness precipitation in demonstrations: Reagent 1 supplied in a 150 ml bottle, combined with reagent 2



Code	Packaging units	Description
271504	5	Reagent for hardness precipitation in demonstrations: Reagent 2 supplied in a 150 ml bottle, combined with reagent 1



Code	Packaging units	Description
271604	5	Soap Solution. Soap reagent for demonstrations with softened water. Supplied in a 150 ml bottle



Code	Packaging units	Description
271301	5	Chlorine reagent. Supplied in a 150 ml bottle

## Universal adaptor

Special adaptor for water softener test.



NeatWork



Insert the stem in the universal faucet adaptor.



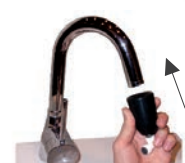
Make sure that the stem is correctly inserted (the ribbed part must be inside the hole of the adaptor).



The stem must be perfectly fitted inside the elbow.



Connect the elbow.



Now the universal adaptor can be placed on the faucet.



The adaptor is ready to be used.

Code	Packaging units	Description
401300	1	Faucet adaptor, specially designed for demonstrations
951104	1	1/4" hose - stem adaptor
950022	1	1/4" elbow
401301	1	Univeral adaptor kit

## Hydron Demo case



Code	Packaging units	Description
970235	1	Empty Demo case "HYDRON"
970262*	1	"HYDRON" Demo case ("HYDRON" not included)

\*includes codes: 330909, 330903, 330904, 271700, 267900, 271807 y 271301.



Code	Packaging units	Description
330909	1	Blue test reagent 10ml (hydrogen analyzer)



Code	Packaging units	Description
330903	1	ORP meter eco



Code	Packaging units	Description
330904	1	ORP meter



Code	Packaging units	Description
330910	1	Digital hydrogen meter



Code	Packaging units	Description
330911	1	Electrode hydrogen meter for 330910



Code	Packaging units	Description
271701	1	Dpd - phenol ozone analyzer

## Portable meters



Code	Packaging units	Description
267900	1	Portable ppm meter from 0 to 9990
330900	1	Multi-parameter meter for conductivity, TDS and temperature
268000	1	ppm meter from 0 to 9990 Blue



Code	Packaging units	Description
330901	1	Multi-parameter O.R.P. reader
267800	1	Portable pH analyser



Code	Packaging units	Description
268100	1	Digital pressure meter for reverse osmosis tanks (psi, bar, kg/cm <sup>2</sup> , pa)
268101	1	Mechanical pressure meter in psi for reverse osmosis tanks



Code	Packaging units	Description
261701	1	Standard solution with 342 ppm to calibrate a domestic TDS



Code	Packaging units	Description
270700	1	Pressure gauge with rubber conical connector for demonstration



Code	Packaging units	Description
766510	1	Manometer kit

## Analysers and accessories



### Reagents



Code	Packaging units	Description
271700	5	Chlorine- PH analyzer by DPD – PHENOL system. Simple and efficient way to measure Chlorine and PH for potable water and swimming pools



Code	Packaging units	Product	Uses
318300	1	DPD-1	Box with 250 free chlorine DPD-1 determinations
318500	1	DPD-3	Box with 250 total chlorine DPD-3 determinations
318700	1	Phenol red	Box with 250 pH determinations



Code	Packaging units	Description
271807	1	Hardness analyser Greencontrol



Code	Packaging units	Product	Description
318901	1	Reagent B	Reagent B for hardness analyser of 250 cc Greencontrol
319001	1	Reagent A	Reagent A for hardness analyser of 250 cc Greencontrol

## Reverse osmosis demonstration briefcase composition

Portable equipment for reverse osmosis water treatment. The briefcase is composed of the main components of the filtration system used in a domestic water treatment equipment.



Conductivity meter  
Demonstration of the reduction of salts as a consequence of treating water with reverse osmosis.



CS pre-filter  
Removes turbidity and solids in suspension.



CS GAC pre-filter  
Removes chlorine, odours and tastes.



GAC post-filter  
Improves the organoleptic characteristics of water.



Membrane  
Reduces salts, heavy metals and microorganisms.



Pump  
Increases inlet pressure.



Accessories  
Accessories for the connections.



Code	Packaging units	Description
269408	1	Osmosis demonstration briefcase with pump

## WA.TEST Electrolysis demonstration briefcase



WA.TEST electrolysis precipitator.  
2 WA.TEST aluminium electrodes.  
2 WA.TEST iron electrodes.  
WA.TEST transformer.



Code	Packaging units	Description
268204	1	WA.TEST electrolysis demonstration briefcase



Code	Packaging units	Description
268208	1	WA.TEST electrolysis precipitator



Code	Packaging units	Description
268206	2	WA.TEST aluminium electrodes



Code	Packaging units	Description
268207	2	WA.TEST iron electrodes



Code	Packaging units	Description
268203	1	WA.TEST transformer



## System for programming RO units with PJK board



Code	Packaging units	Description
761901	1	Kit to program PJK-260 Eprom PC board + CD with software
761900	1	Kit to program PJK-250 Eprom PC board + CD with software

## Demonstration briefcase connectors



NeatWork



Code	Packaging units	Description
265900	10	1/4" faucet double adaptor



Code	Packaging units	Description
265500	10	Universal adaptor with clamp



Code	Packaging units	Description
265600	1	Universal adaptor with screws



Code	Packaging units	Description
265700	10	Reducing adaptor



Code	Packaging units	Description
265800	10	Pipe adaptor

## Sanitizing products for domestic reverse osmosis units as well as office dispensers and HORECA systems



NeatWork



Code	Packaging units	Description
652100	5	BACWATER. Bactericidal product for the sanitization of the equipment. Container of 120 cc



Code	Packaging units	Description
795800	1	Stand with wheels for compact systems. Easy maintenance



Code	Packaging units	Description
652200	40	OXIBAC 250 SPRAY CLEANER . made of Hydrogen peroxide



Code	Packaging units	Description
652300	10	OXIBAC 1000 CLEANER – made of Hydrogen peroxide



Code	Packaging units	Description
293000	1	Pro citric acid 500 gr. Citric acid to clean domestic membranes



Code	Packaging units	Description
271200	1	30 ml drop dispenser



Code	Packaging units	Description
318701	100 tiras	MEASURING STRIPS to check rests of hydrogen peroxide





# The hydrogenated water revolution


In our everyday life we come into contact with numerous chemical compounds and consume food with a high oxidative capacity. Hydrogen-enriched makes it an element contributing to a healthier lifestyle.

**H<sub>2</sub>** Hydrogen generation

**ORP** ORP reduction

 Easy maintenance

 Tap water not treated

 Filtered / RO Water treated



HAKTIVA  
HYDROGEN WATER



## Hydron

Hydrogen water generator. Hydron has been designed to take up as little space as possible in the kitchen. It offers several installation possibilities for you to choose the one that best suits your needs.



### Technical Specifications

Production: 0,7 - 1 L./min.

H<sub>2</sub> concentrations: 1200 ppb\*

Working pressure (min. - max.): 1 bar - 5 bar

Working temperature (min. - max): 5°C - 35 °C

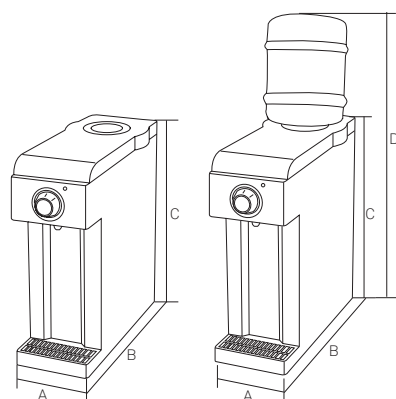
ORP values: -400 mV - -700 mV (\*)

TDS (min. - max): 10 ppm- 150 ppm

Hardness (max.): < 5°HF

Chlorine: chlorine-free.

Power supply: DC 24 V / 5 A



Code	A	B	C	D
970224	148	360	360	-
970224 + 970198	148	360	360	575 mm

Código	Description	Weight Kg
970224	Hydrogen water generator	4,5

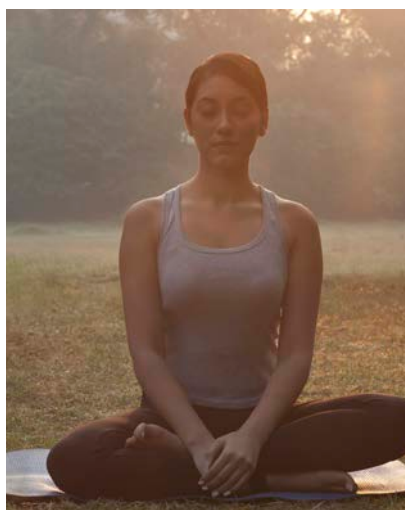
\* (\*) Depending on inlet quality water.

Código	Description
970198	Conversion kit to countertop





Everything you need to know  
about Hydron and hydrogenated water:  
[www.hydron.eu/eng/hydrogen-water-faq.html](http://www.hydron.eu/eng/hydrogen-water-faq.html)



### The hydrogen revolution.

Hydrogen is the chemical element with atomic number 1. It is the lightest of all elements and the most abundant in the universe, though not in the Earth.

Hydrogen is quite common in nature in combination with other elements such as oxygen, carbon or nitrogen (it is a part of water, the human body, plant and animal organisms, etc.).

1

Option A



2

Below work surface  
installation

## Versatile and functional equipment

### 1. Counter Top Work (Two options available):

**Option A.** Hydron can be installed on the top of the counter of your kitchen by connecting it to a high quality water network or a reverse osmosis equipment.

**Option B.** It can also be installed with an electrical connection and a hydraulic supply by using glass bottle. This water may be osmosis water or bottled water with a very low mineralisation, meaning you will always have access to hydrogen-rich water (hydrogenated water) whenever you want it.

For this second type of installation, you must purchase the bottle kit (Ref. 970198).

### 2. Undersink:

Hydron + reverse osmosis in your 1, 2, 3 or 4-way tap. Meaning you will have access to hydrogen-rich, osmosis hot and cold water according to the tap installed.

## Haktiva

Hydrogen generator system, easy to use and install, compact and ideal for small productions.



### Technical Specifications

H<sub>2</sub> concentrations: 800-1200 ppb\*  
 Working pressure (min. – max.): 1 bar – 5 bar  
 Working temperature (min. – max): 3°C – 40 °C  
 ORP values: -400 mV – -700 mV (\*)  
 TDS (min. – max): 10 ppm– 300 ppm  
 Hardness (max.): < 5°HF  
 Chlorine: chlorine-free.  
 Power supply: DC 24 V / 1,2 A

### Special Specifications

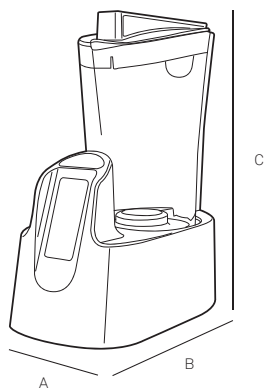
Polarity inversion function to clean the electrodes.  
 Electronic warnings to take care of the unit properly.

### ORIGINAL COMPONENTS:

Body.  
 Jar.  
 Adaptor.

### ORIGINAL CONSUMABLES:

Ozone filter.  
 Softening filter.



Code	A	B	C
795114	160	290	326 mm

Código	Description	Capacity L.	ORP Values	Weight Kg
970042	Hydrogen water generator	2	-400 mV – -700 mV (*)	1,9

\* (\*) Depending on inlet quality water.

## Hydron demo case



Code	Packaging units	Description
970235	1	Empty Demo case "HYDRON"
970262*	1	"HYDRON" Demo case ("HYDRON" not included)

\*includes codes: 330909, 330903, 330904, 271700, 267900, 271807 y 271301.



Code	Packaging units	Description
330909	1	Blue test reagent 10ml (hydrogen analyzer)



Code	Packaging units	Description
330903	1	ORP meter eco



Code	Packaging units	Description
330904	1	ORP meter



Code	Packaging units	Description
330910	1	Digital hydrogen meter



Code	Packaging units	Description
330911	1	Electrode hydrogen meter for 330910



Code	Packaging units	Description
271701	1	Dpd - phenol ozone analyzer









## Specifications and types of treatment

### Filtration components:

5 µm Sediment filter 11.5 x 2.5 1/4 stem connectors.  
GAC Activated carbon filter 11.5 x 2.5 1/4 stem connectors.

### Ultrafiltration components:

5 µm Sediment filter 11.5 x 2.5 1/4 stem connectors.  
GAC Activated carbon filter 11.5 x 2.5 1/4 stem connectors.  
Ultrafiltration membrane 11,5" x 2,5" stem connectors.

### Reverse osmosis system:

5 µm Sediment filter 11.5 x 2.5 1/4 stem connectors.  
2 x GAC Activated carbon filters 11.5 x 2.5 1/4 stem connectors.  
Reverse osmosis capsulated membrane 80 gallons.  
State-of-the-art Detox filter, which prevents microbial proliferation.

### Main components:

Cabinet made of ABS, side panels made of iron with baked-on paint finish. Tank is made of food grade plastic material. Cold water tank is made of AISI-304 stainless steel with double floating valve and air suction filter. Hot water tank made of AISI-304 stainless steel. Cooling compressor from LG. Water is heated by means of an electrical resistance. Hydraulic connections are made of plastic and stainless steel. Adjustable cold water thermostat. Safety hot water thermostat.

### Product specifications:

Cold water temperature: 2-15 °C. Hot water temperature: 80-85 °C. Min. working pressure: 2 bar.

Max. working pressure: 7 bar. Refrigerant for compressor: R-134 a.  
Working voltage: 220-240 VAC / 50-60 Hz.

Please, ask for other connectors, voltages and power frequencies.

### Optional components:

Ultrafiltration membrane. UV lamp.  
Remineralising filter.

### Power according to each model:

Water dispenser	Compressor	Hot water
FC-400	90 W	500 W
FC-2203 F	120 W	430 W
FC-2203 UF	120 W	430 W
FC-2203 ROP	120 W	430 W
FC-1050 F	90 W	430 W
FC-1050 UF	90 W	430 W
FC-1050 ROP	90 W	430 W
FC-4000 ROP	130 W	800 W
FC-5500 ROP	150 W	800 W
FC-750 F	100 W	430 W
FC-750 UF	100 W	430 W
FC-750 ROP	100 W	430 W
FC-750 F S	100 W	360 W
FC-750 UF S	100 W	360 W
FC-750 RO S	100 W	360 W
FC-2000 ROP INOX	200 W	-
FC-1700 F	200 W	-
FC 1700 UF	200 W	-
FC-1800 F	350 W	-
FC-1800 UF	350 W	-
FC-1850	350 W	-
FC-1900 F	350 W	-
FC-1900 UF	350 W	-
FC-550	100 W	2900 W
FC-1300 ROP	120 W	430 W
FC-900 F	100 W	430-510 W
FC-900 UF	100 W	430-510 W
FC-900 ROP	100 W	430-510 W
FC-950 F	100 W	430-510 W
FC-950 UF	100 W	430-510 W
FC-950 ROP	100 W	430-510 W
FC-800 F	100 W	430-510 W
FC-800 UF	100 W	430-510 W
FC-800 ROP	100 W	430-510 W
CS-18	190 W	-
CS-20	190 W	-



Energy saving system. The dispenser detects the ambient light and switch the system to standby mode when it gets dark.



Production of hot water at 80°C - 85°C.



Multifunction information system by LED.



Antibacterial output protector plastic made. Replaceable and washable.



Security system for hot water to avoid children manipulation. Warning label included.



Top counter unit. Ideal for small offices and homes.



Filtration system.



Equipment designed for high consumptions, nursing homes, hotels, canteens, etc.



Water tank for extra storage at room temperature made of plastic.



Filtration and ultrafiltration system.



System with cup holders built-in.



Cold water tank with large capacity. Made of stainless steel.



Reverse osmosis system.



Electronic tap easy to use. Clean and hygienic system not having possibility to touch the nozzle as conventional dispensers.



Alkaline filter. PH adjuster.



Reverse osmosis system with pump for higher production.



Stainless steel cabinet special for outdoor or places with pollution.



System with pedal to have a more hygienic and comfortable use.



Water production at room temperature.



It incorporates a high neck faucet for filling glasses and bottles.



System equipped with germicidal action - UV led.



Producción de agua a Temperature con gas 4 °C - 12 °C.



Forced ventilation system for outdoor, high consumption or warm countries.



Producción de agua Cold. 4 °C - 12 °C.



Cold Room Hot Tank

CS-18 **New**

ABS table-top dispenser.



**Specifications**

Production: 12 l/h.  
 Continuous production: 3 l.  
 Temperature: 3 - 8 °C.  
 Cooling gas: R 134A 70 gr.  
 Compressor power: 190 W.  
 Water inlet connection: 6 mm.  
 Gas inlet connection: 4 mm.  
 Materials: ABS housing.  
 Weight: 17,5 Kg.  
 Electromechanical version.

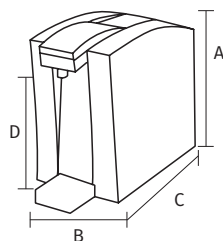
**Included accessories**

M3/8" - F1/4" - F3/8" wall adaptor.  
 M1/4" ball valve.  
 2 m of 6 mm tube.  
 High-efficiency carbon block cartridge.  
 Disposable 600 gr CO<sup>2</sup> cylinder.

Code	Model	Temperature	Type of treatment
795734	CS-18	Cold, hot and room water	Filtration

Cooling capacity l/h	Sparkling water production capacity l	Sparkling water tank capacity l
12	8	3



A	B	C	D
375	230	480	250 mm



CS-20 **New**

Equipment suitable for domestic use, offices, pubs and cafes. Available with connection to the network or a built-in tank in the equipment. ABS table-top dispenser. No installation required.



**Specifications**

Production: 12 l/h.  
 Continuous production: 3 l.  
 Temperature: 3 - 8 °C.  
 Cooling gas: R 134A 70 gr.  
 Compressor power: 190 W.  
 Water inlet connection: 6 mm.  
 Gas inlet connection: 4 mm.  
 Materials: ABS housing.  
 Weight: 19 Kg.  
 Electromechanical version.

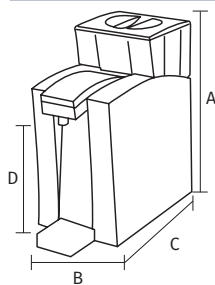
**Included accessories**

M3/8" - F1/4" - F3/8" wall adaptor.  
 M1/4" ball valve.  
 2 m of 6 mm tube.  
 High-efficiency carbon block cartridge.  
 Disposable 600 gr CO<sup>2</sup> cylinder.

Code	Model	Temperature	Type of treatment	Cooling capacity l/h
795741	CS-20	Cold, room and sparkling warter	Filtration	12

Sparkling water production capacity l	Tank capacity l	Sparkling water tank capacity l
8	4,5	3



A	B	C	D
470	230	480	250 mm



FC-550 FACT



(In process)

Water treatment system of:

FC-550 FACT

1 Micro carbon 8" cartridge.

1 FACT cartridge ( Fibrillated Adsorbent Cellulose technology).

Last generation versatile dispenser with compact design.

Touch screen at the front digital panel.

Direct production of cold and hot water.

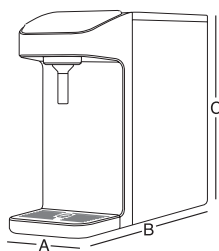
Code	Model	Temperature	Weight kg	Presentation
795767	F-550	Cold, hot and room water	13	Counter top

Cooling capacity l/h	Heating capacity l/h	Cold water tank capacity l
4	5	0,9

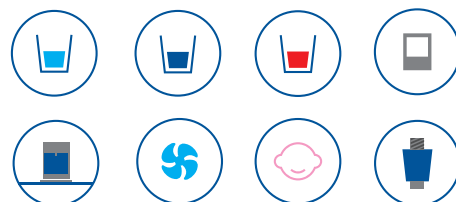


**Fitted and standard as UV led LAMP for germicidal action.**

- Volume regulation (125ml, 250ml, 500 ml).
- Temperatures selection.
- Exclusive cellulose technology cartridge to reduce bacteria's due to its cellulose fibers.



A	B	C
180	514	407 mm



FC-400 **New**

columbia.  
aqua



Type of water treatment:

**FC-400 F**

1 Filter 5 µm 2,5 x 11,5 (Code 243200)  
1 Filter GAC 2,5 x 11,5 (Code 243300)

**FC-400 UF**

1 Filter 5 µm 2,5 x 11,5 (Code 243200)  
1 Filter GAC 2,5 x 11,5 (Code 243300)  
1 Membrane UF (Code 243407)

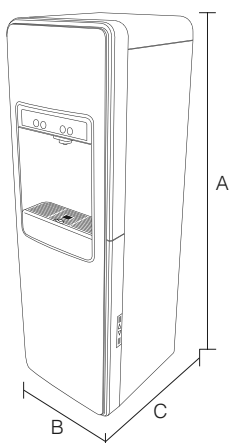
**FC-400 ROP**

1 Filter PP - GAC (Code 213613)  
1 Membrane 50 GPD (Code 717701)  
1 Post remineralizer 10 x 2 (Code 291920)

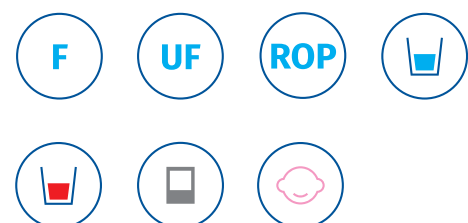


Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
761618	FC-400 F	Cold-Hot	Filtration	5	5	3 l	2 l
761619	FC-400 UF	Cold-Hot	Ultrafiltration	5	5	3 l	2 l
761620	FC-400 ROP	Cold-Hot	Reverse osmosis	5	5	3 l	2 l

Code	Booster pump	Weight kg	Presentation	Color
761618	No	19	Free standing	Black White version - 761615
761619	No	19	Free standing	Black White version - 761616
761620	Yes	21	Free standing	Black White version - 761617



A	B	C
1050	320	360 mm



FC-800 **New**



Energy saving system

Type of water treatment:

**FC-800 F**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

**FC-800 UF**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

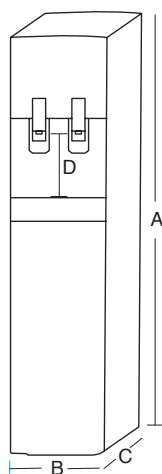
**FC-800 ROP**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Remineralizer 2,5 x 11,5 (Code 243406)

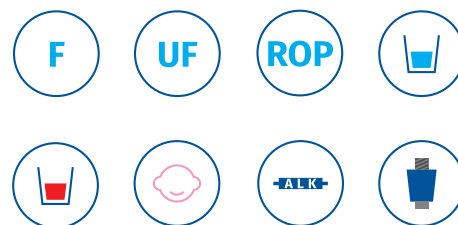


Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
795759	FC-800 F	Cold-Hot	Filtration	4	5	3 l	2 l
795762	FC-800 UF	Cold-Hot	Ultrafiltration	4	5	3 l	2 l
795760	FC-800 ROP	Cold-Hot	Reverse osmosis	4	5	3 l	2 l

Code	Booster pump	Weight kg	Presentation
795759	No	22	Free standing
795762	No	22	Free standing
795760	Yes	22	Free standing



A	B	C	D
1100	260	360	165 mm





FC-900 **New**



Energy saving system



Type of water treatment:

**FC-900 F**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

**FC-900 UF**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

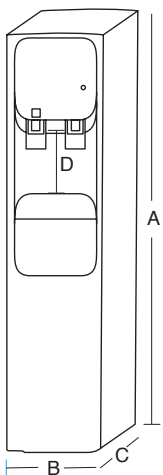
**FC-900 ROP**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Remineralizer 2,5 x 11,5 (Code 243406)



Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
795756	FC-900 F	Cold-Hot	Filtration	4	5	3 l	1,8 l
795761	FC-900 UF	Cold-Hot	Ultrafiltration	4	5	3 l	1,8 l
795755	FC-900 ROP	Cold-Hot	Reverse osmosis	4	5	3 l	1,8 l

Code	Booster pump	Weight kg	Presentation
795756	No	22	Free standing
795761	No	22	Free standing
795755	Yes	22	Free standing



A	B	C	D
1100	260	360	160 mm



FC-950 **New**

columbia  
aqua



Energy saving system



Type of water treatment:

**FC-950 F**  
1 Filter 5 µm 2,5 x 11,5 (Code 243200)  
1 Filter GAC 2,5 x 11,5 (Code 243300)

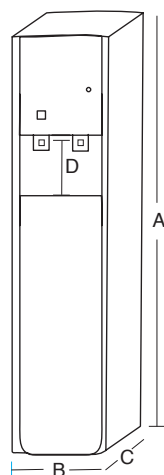
**FC-950 UF**  
1 Filter 5 µm 2,5 x 11,5 (Code 243200)  
1 Filter GAC 2,5 x 11,5 (Code 243300)  
1 Membrane UF (Code 243407)

**FC-950 ROP**  
1 Filter 5 µm 2,5 x 11,5 (Code 243200)  
1 Filter GAC 2,5 x 11,5 (Code 243300)  
1 Membrane 80 GPD (Code 717702)  
1 Remineralizer 2,5 x 11,5 (Code 243406)



Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
795793	FC-950 F	Cold-Hot	Filtration	4	5	3 l	1,8 l
795794	FC-950 UF	Cold-Hot	Ultrafiltration	4	5	3 l	1,8 l
795792	FC-950 ROP	Cold-Hot	Reverse osmosis	4	5	3 l	1,8 l

Code	Booster pump	Weight kg	Presentation
795793	No	22	Free standing
795794	No	22	Free standing
795792	Yes	22	Free standing



A	B	C	D
1100	260	360	160 mm



FC-750



Type of water treatment:

FC-750 F S

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

FC-750 UF S

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

FC-750 RO S

- 1 Combined Filter 5 µm GAC 2,5 x 11,5 (Code 243402)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)

FC-750 F

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

FC-750 UF

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

FC-750 ROP

- 1 Combined Filter 5 µm GAC 2,5 x 11,5 (Code 243402)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)



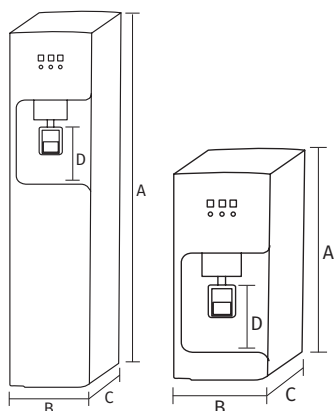
Energy saving system



Counter top version

Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
754332	FC-750 F	Cold-Hot	Filtration	4	5	3 l	1,8 l
754333	FC-750 UF	Cold-Hot	Ultrafiltration	4	5	3 l	1,8 l
754329	FC-750 ROP	Cold-Hot	Reverse osmosis	4	5	3 l	1,8 l
754339	FC-750 F S	Cold-Hot	Filtration	4	5	3 l	1,4 l
754340	FC-750 UF S	Cold-Hot	Ultrafiltration	4	5	3 l	1,4 l
754338	FC-750 RO S	Cold-Hot	Reverse osmosis	4	5	3 l	1,4 l
754337	FC-750 ROP S	Cold-Hot	Reverse osmosis	4	5	3 l	1,4 l

Code	Booster pump	Weight kg	Presentation
754332	No	22	Free standing
754333	No	22	Free standing
754329	Yes	22	Free standing
754339	No	19	Counter top
754340	No	19	Counter top
754338	No	19	Counter top
754337	Yes	19	Counter top



A	B	C	D
1100	260	347	160
493	260	460	160 mm





# FC-1050



Energy saving system



## Type of water treatment:

### FC-1050 F

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

### FC-1050 UF

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

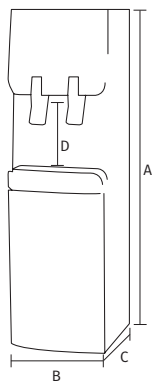
### FC-1050 ROP

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Remineralizer 2,5 x 11,5 (Code 243406)



Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity	
						Cold	Hot
754200	FC-1050 F	Cold-Hot	Filtration	5	5	2,7 l	1,8 l
754201	FC-1050 UF	Cold-Hot	Ultrafiltration	5	5	2,7	1,8 l
754203	FC-1050 ROP	Cold-Hot	Reverse osmosis	5	5	2,7 l	1,8 l

Code	Booster pump	Weight kg	Presentation
754200	No	23	Free standing
754201	No	23	Free standing
754203	Yes	23	Free standing



A	B	C	D
1025	300	340	175 mm



# FC-2203



### Type of water treatment:

#### FC-2203 F

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

#### FC-2203 UF

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

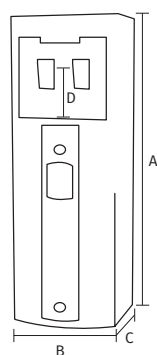
#### FC-2203 ROP

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 2 Filters GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)



Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Capacity of cold water tank	
						Cold	Hot
240600	FC-2203 F	Cold-Hot	Filtration	5	5	2,5 l	1,7 l
240608	FC-2203 UF	Cold-Hot	Ultrafiltration	5	5	2,5 l	1,7 l
240400	FC-2203 ROP	Cold-Hot	Reverse osmosis	5	5	2,5 l	1,7 l

Code	Booster pump	Weight kg	Presentation
240600	No	27	Free standing
240608	No	27	Free standing
240400	Yes	27	Free standing



A	B	C	D
1156	340	347	140 mm



FC-1300 ROP **New**



Energy saving system



2 led UV lamps at the cold water tank.

Type of water treatment:

**FC-1300 F**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)

**FC-1300 UF**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 1 Filter GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane UF (Code 243407)

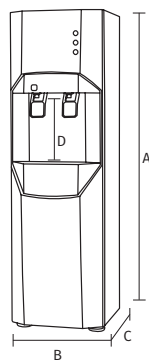
**FC-1300 ROP**

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 2 Filters GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)

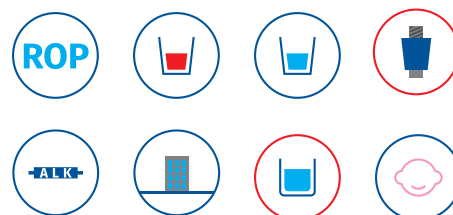


Code	Packaging units	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Capacity of cold water tank	
						Cold	Hot
795865	FC-1300 F	Cold-Hot	Filtration	6	7	7,5	3
795866	FC-1300 UF	Cold-Hot	Ultrafiltration	6	7	7,5	3
795863	FC-1300 ROP	Cold-Hot	Reverse osmosis	6	7	7,5	3

Code	Booster pump	Weight kg	Presentation
795863	Yes	28	Free standing
795865	No	28	Free standing
795866	No	28	Free standing



A	B	C	D
1205	380	430	235 mm





# FC-4000 ROP



### Type of water treatment:

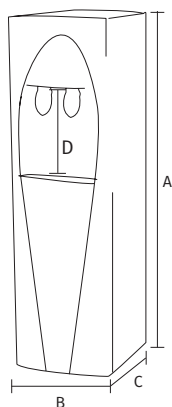
#### FC-4000 ROP

- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 2 Filters GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)

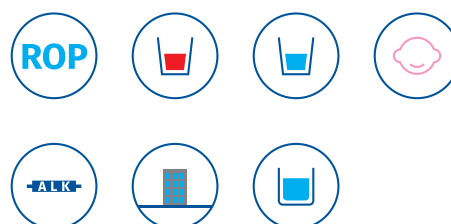


Code	Packaging units	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity		
						Cold	Hot	Reservoir
241600	FC-4000 ROP	Cold-Hot	Reverse osmosis	6	7	5,7 l	2 l	16 l

Code	Booster pump	Weight kg	Presentation
241600	Yes	42	Free standing



A	B	C	D
1300	370	440	180 mm





# FC-5500 ROP



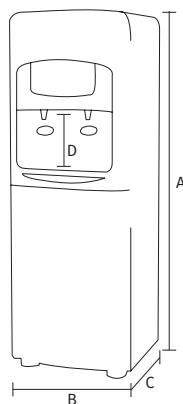
Type of water treatment:

- FC-5500 ROP
- 1 Filter 5 µm 2,5 x 11,5 (Code 243200)
- 2 Filters GAC 2,5 x 11,5 (Code 243300)
- 1 Membrane 80 GPD (Code 717702)
- 1 Filter Remineralizer 2,5 x 11,5 (Code 243406)

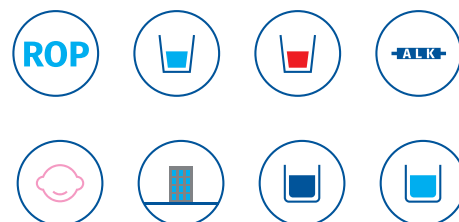


Code	Packaging units	Temperature	Type of treatment	Cooling capacity l/h	Heating capacity l/h	Tank capacity		
						Cold	Hot	Reservoir
241805	FC-5500 ROP	Cold-Hot	Reverse osmosis	8	8	7 l	7,5 l	25 l

Code	Booster pump	Weight kg	Presentation
241805	Yes	56	Free standing



A	B	C	D
1350	480	480	195 mm



FC-1700 / FC 1800



Type of water treatment:

**FC-1700 F**

- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)

**FC-1700 UF**

- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)
- 1 Membrane UF (Code 243407)

**FC-1800 F**

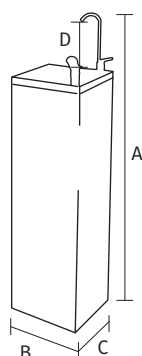
- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)

**FC-1800 UF**

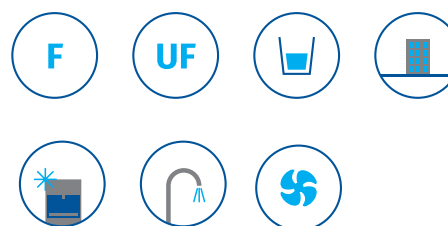
- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)
- 1 Membrane UF (Code 243407)

Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Output flow l/h
728608	FC-1700 F	Cold	Filtration	18	50
728609	FC-1700 UF	Cold	Ultrafiltration	18	50
728600	FC-1800 F	Cold	Filtration	30	60
772800	FC-1800 UF	Cold	Ultrafiltration	30	60

Code	Model	Cooling capacity W	Weight kg	Presentation
728608	FC-1700 F	200	25	Free standing
728609	FC-1700 UF	200	25	Free standing
728600	FC-1800 F	350	25	Free standing
772800	FC-1800 UF	350	25	Free standing



A	B	C	D
1260	305	305	220 mm



FC-1850 **New**

columbia  
aqua

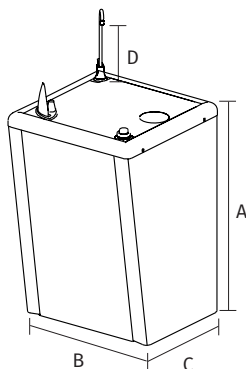


Wall mounted equipment ideal for schools  
It allows to adapt the height to the age of the pupils.

Without treatment.  
to be added outside the system.

Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Output flow l/h
724109	FC-1850	Cold	Without treatment	30	60

Code	Cooling capacity W	Weight kg	Presentation
724109	350	23	Wall



A	B	C	D
525	360	285	210 mm



# FC-1900 INOX



With pedal.

### Type of water treatment:

#### FC-1900 F

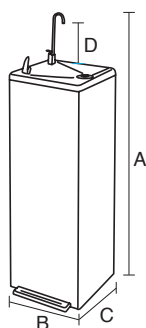
- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)

#### FC-1900 UF

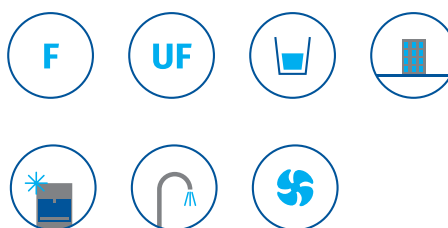
- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 1 Filter GAC CS 2,5 x 10,5 (Code 291902)
- 1 Membrane UF (Code 243407)

Code	Model	Temperature	Type of treatment	Cooling capacity l/h	Output flow l/h
724703	FC-1900 F	Cold	Filtration	35	60
724705	FC-1900 UF	Cold	UltraFiltration	35	60

Code	Cooling capacity W	Weight kg	Presentation
724703	400	25	Free standing
724705	400	25	Free standing



A	B	C	D
1030	360	570	200 mm



# FC-2000 ROP INOX



Reverse osmosis.

## Type of water treatment:

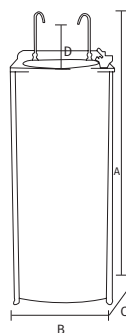
### FC-2000 ROP INOX

- 1 Filter 5 µm CS 2,5 x 10,5 (Code 291803)
- 2 Filters GAC CS 2,5 x 10,5 (Code 291902)
- 1 Membrane 75 GPD (Code 292500)
- 1 Remineralizer filter 2 x 10 CS (Code 291920)

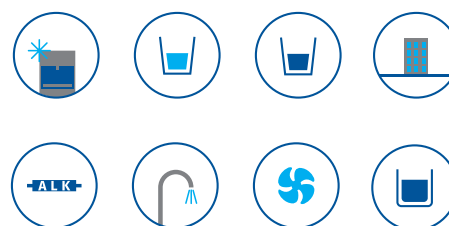


Code	Packaging units	Temperature	Type of treatment	Cooling capacity l/h	Capacity of cold water tank	
					Cold	Reservoir
242603	FC-2000 ROP	Cold-Natural	Reverse osmosis	8	2,2 l	16 l (2 tanks 8 L each)

Code	Booster pump	Weight kg	Presentation
242603	Yes	36	Free standing



A	B	C	D
1270	430	315	220 mm





## Accessories and spare parts



Components



Code	Packaging units	Description
242701	1	Blue cup dispenser
242700	1	Standard dispenser



Code	Packaging units	Description
242702	1	Cup dispenser with magnetic bracket



Code	Packaging units	Description
242800	3000	Transparent plastic cup 220 cc



Code	Packaging units	Length	Diameter	Filtration
243402	30	11,5"	2,5"	Combinated filter (5 µm + GAC)



Code	Packaging units	Length	Diameter	Filtration
717702	30	11,5"	2,5"	Capsulated membrane 80 GPD

## Accessories and spare parts



\*  
Components  
(Depending on  
model).



Code	Packaging units	Length	Diameter	Filtration
243200*	30	11,5"	2,5"	Filtration cartridge 5 µm



Code	Packaging units	Length	Diameter	Filtration
243300*	30	11,5"	2,5"	GAC activated carbon



Code	Packaging units	Length	Diameter	Filtration
243400	30	12,5"	2,5"	Detox filter



Code	Packaging units	Length	Diameter	Filtration
243406*	30	12,5"	2,5"	Remineralizer Filter



Code	Packaging units	Length	Diameter	Filtration
291803	25	11"	2,5"	Filtration 5 µm
291902	25	11"	2,5"	Granular carbon cartridge GAC
291920	25	10"	2"	Remineralizer cartridge



Code	Packaging units	Length	Diameter	Filtration
790309	25	5	2,5"	Carbon Block cartridge Columbia Soda

## Accessories and spare parts



Components  
(Depending  
on model).



Code	Packaging units	Length	Diameter	Filtration
243407*	30	11,5"	2,5"	Ultrafiltration cartridge without rejection



Code	Packaging units	Length	Diameter	Filtration
243101	30	11,5"	2,5"	Ultrafiltration cartridge with rejection



Code	Packaging units	Length	Diameter	Filtration
243405*	30	11,5"	2,5"	PostFilter GAC



Code	Packaging units	Description
636200	1	Electric level control for FC-1000-1500-2004-2500-2203-2212-3000-4000 water dispensers
636209	1	Electric level control for FC-700-800-900-950-750-1300-1050 water dispensers



Code	Packaging units	Description
640400	1	Solenoid valve 1/4" NC 220 VAC - Filtration and ultrafiltration models
640401	1	Solenoid valve 1/4" NC 24 VDC - Inlet for RO models
640411	1	Solenoid valve 1/4" NC 12 VDC - Inlet for FC-750
640410	1	Double solenoid valve 1/4" NC 12 VDC - Outlet for FC-750 with RO
761613	1	Solenoid valve 1/4" NC 24 VDC - Inlet for FC-400
761612	1	Solenoid valve 1/4" NC 24 VDC - Outlet for FC-400



Code	Packaging units	Description	Connexion
636003	1	Water Block. Adjustable safety system 5-50 l	MF 3/4"
636004	1	External reset Water Block	

## Accessories and spare parts



Code	Packaging units	Description
637401	30	Tap push-button hot water FC-4000
637501	30	Tap push-button cold water FC-4000



Code	Packaging units	Description
754204	30	Tap push-button hot water FC-1050 / FC-800
754205	30	Tap push-button cold water FC-1050 / FC-800



Code	Packaging units	Description
637100	1	Square tap push-button, black, hot water FC-2203
637300	1	Square tap push-button, black, cold water FC-2203



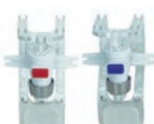
Code	Packaging units	Description
637400	30	Tap push-button hot water FC-3000
637500	30	Tap push-button cold water FC-3000



Code	Packaging units	Description
637503	30	Tap push-button hot water FC-5500
637502	30	Tap push-button cold water FC-5500



Code	Packaging units	Description
754451	30	Tap push-button hot water FC-1300
754452	30	Tap push-button cold water FC-1300



Code	Packaging units	Description
795782	30	Tap push-button hot water FC-900
795781	30	Tap push-button cold water FC-900



Code	Packaging units	Description
730300	1	Tap push-button cold water FC-5500



Code	Description
754211	Hygiene guard threaded nozzle for models FC-1050/5500/800/1300
754506	Hygiene guard threaded nozzle for models FC-700/750
754218	Hygiene guard threaded nozzle for models FC-2210/900

## General hydraulic diagrams

### Dispenser equipped with filtration system

FC 2203 F | FC 1050 F | FC 750 F | FC 800 F | FC 900 F | FC 950 F



### Dispenser equipped with ultrafiltration system

FC 2203 UF | FC 1050 UF | FC 750 UF | FC 800 UF | FC 900 UF | FC 950 UF



### Dispensers equipped with RO. Small format

FC 750 ROP | FC 750 ROP S



### Dispensers equipped with RO without accumulation

FC 1050 ROP | FC 800 ROP | FC 900 ROP | FC 950 ROP



**Dispensers equipped with RO with accumulation**

FC 2203 ROP | FC 1300 ROP | FC 4000 ROP | FC 5500 ROP



**Dispenser equipped with osmosis and pressure reservoir tank**

FC 2000 ROP INOX



**Dispenser equipped with filtration system**

FC 1700 F | FC 1800 F | FC 1900 F



**Dispenser equipped with ultrafiltration system**

FC 1700 UF | FC 1800 UF | FC 1900 UF







## 9. Horeca

Columbia HG 30 E TOP

Columbia HG 30 TOP / HF 30 TOP

Columbia HG 45 E TOP / HF 45 E TOP

Columbia HG 45 TOP / HF 45 TOP

Columbia HGL-45

Columbia HF 45 IN / HG 55 IN / HF 55 IN

Columbia HG 65 E TOP / HF E 65 TOP

Columbia HG 65 IN / HF 65 IN

Columbia HG 70 E TOP / HF E 70 TOP

**Warm water equipment**

**Dispenser water**

**Lógico aqua filtering sets**



Room temperature water production



Hourly production



Chilled/room temperature water mix



Premium product



Chilled water production



No installation required



Electronic equipment



Different towers to choose



Warm water production



Volume regulation



Height adjustable dispenser



Recirculation



Equipment with sparkling water



No volume regulation



Mechanic equipment



Touch-sensitive equipment



30 lph



Room temperature



Chilled

## Columbia HG 30 E TOP

Equipment suitable for offices, pubs, cafés and small restaurants. Table-top Dispenser. Electronic, ABS-Steel.

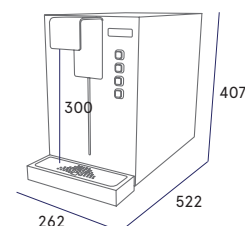


### Specifications:

Production: 30 l/h.  
 Continuous production: 7 l.  
 Temperature: 3 - 10 °C.  
 Cooling gas: R 134A 90 g  
 Compressor power: 1/10 CV.  
 Water outputs: 1.  
 Water inlet connection: 8 mm.  
 Gas inlet connection: 6 mm.  
 Materials used for manufacture:  
 Steel and ABS.  
 Version: Electronic.

### Accessories included:

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer.



Electronic



Volume regulation

Code	Description	Weight Kg
980314	Electronic ABS-steel Table-top Dispenser HG 30 E TOP ABS Sparkling water	28

## Columbia HG 30 TOP / HF 30 TOP

Equipment suitable for offices, pubs, cafés and small restaurants. Table-top Dispenser. Mechanic, ABS-Steel.

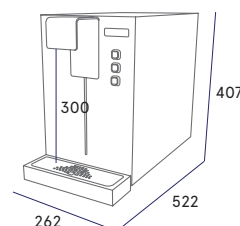


### Specifications:

Production: 30 l/h.  
 Continuous production: 7 l.  
 Temperature: 3 - 10 °C.  
 Cooling gas: R 134A 75 g  
 Compressor power: 1/10 CV.  
 Water outputs: 1.  
 Water inlet connection: 8 mm.  
 Gas inlet connection: 6 mm.  
 Materials used for manufacture:  
 Steel and ABS.  
 Version: Electromechanical.

### Accessories included:

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer.



Mechanical

Code	Description	Weight Kg
980287	Mechanical ABS-steel Table-top Dispenser HG 30 TOP	28
980313	Mechanical ABS-steel Table-top Dispenser HF 30 TOP	28



Production Room temperature Chilled

## Columbia HG 45 E TOP / HF 45 E TOP

Equipment suitable for offices, pubs, cafés and small restaurants. Table-top Dispenser. Electronic, ABS-Steel.



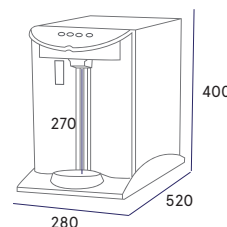
### Specifications:

Production: 45 l/h.  
 Continuous production: 9 l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 2 kg.  
 Cooling gas: R 134A 75 g  
 Compressor power: 1/10 CV.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture:  
 Steel and ABS.

**Only HG models:**  
 Gas inlet connection: 6 mm.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).



Electronic Volume regulation Chilled/room temperature water mix.

\* Ref. 980009

Code	Description	Weight Kg
980006	Electronic ABS-steel Table-top Dispenser HG 45 E TOP ABS Sparkling water	22
980009	Electronic ABS-steel Table-top Dispenser HF 45 E TOP ABS	27

## Columbia HG 45 TOP / HF 45 TOP

Equipment suitable for offices, pubs, cafés and small restaurants. Table-top Dispenser. Mechanic, ABS-Steel.



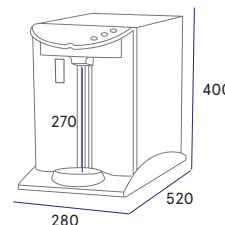
### Specifications:

Production: 45 l/h.  
 Continuous production: 9 l.  
 Temperature: 3 - 10 °C.  
 Ref. 9800295: Temperature for warm water: 95°C.  
 Ice bank capacity: 2 kg.  
 Cooling gas: R 134A 75 g  
 Compressor power: 1/10 CV.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture:  
 Steel and ABS.  
 Version: Electromechanical.

**Only HG models:**  
 Gas inlet connection: 6 mm.

### Accessories included:

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).



Mechanical Warm

\* Ref. 980295

Code	Description	Weight Kg
980004	Mechanical ABS-steel Table-top Dispenser HG 45 TOP Sparkling water	22
980008	Mechanical ABS-steel Table-top Dispenser HF 45 TOP	27
980295	Mechanical ABS-steel Table-top Dispenser HFC 45 TOP	24



Premium product



Production



Room temperature



Chilled

## Columbia HGL 45 E TOP

Table-top Dispenser. Electronic, glass-stainless steel.

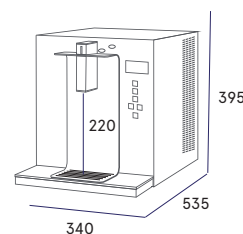


### Specifications:

Production: 45 l/h.  
 Continuous production: 9 l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 2 kg.  
 Cooling gas: R 134A 75 g  
 Compressor power: 1/10 CV.  
 Water inlet connection: 8 mm.  
 Gas inlet connection: 6 mm.  
 Materials used for manufacture: Steel and ABS.

### Accessories included

Adaptor F3/4" - Stem 8 mm. Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).



Electronic



No volume regulation



Touch-sensitive



Height adjustable dispenser

Code	Description	Weight Kg
980127	Electronic glass-stainless steel Table-top Dispenser HGL 45 E TOP	30

## Columbia HF 45 IN / HG 55 IN / HF 55 IN

Equipment suitable for offices, pubs, cafés and small restaurants.  
 Under-counter Dispenser. Steel.



### Specifications:

Temperature: 3 - 10 °C.  
 Ice bank capacity:  
 2 kg (HF 45 IN Model).  
 4 kg (HG 55 IN - HF 55 IN Models)  
 Cooling gas: R 134A 75 g  
 Compressor power:  
 1/10 CV (HF 45 IN Model).  
 1/6 CV (HG 55 IN - HF 55 IN Models)  
 Water inlet connection: 8 mm.  
 Materials used for manufacture: Steel.

### Only HG models:

Gas inlet connection: 6 mm.



Production



Room temperature



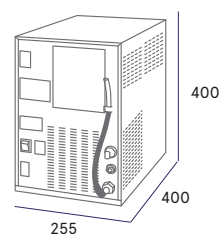
Chilled



Different towers to choose

### Accessories included:

2 Adaptors M3/8" - 8 mm  
 1 m tube 8 mm  
 1 m tube 6 mm  
 CO<sup>2</sup> pressure reducer (only HG models).



Code	Description	Continuous production L.	Production L.	Weight Kg
980040	Steel Under-counter Dispenser HF 45 IN	9	45	22
980217	Steel Under-counter Dispenser HG 55 IN Sparkling water	12	55	27
980434	Steel Under-counter Dispenser HF 55 IN	12	55	23





Production



Room temperature



Chilled

## Columbia HG 65 E TOP / HF 65 E TOP

Equipment suitable for offices, pubs, cafés and medium-sized restaurants.  
Table-top Dispenser. Electronic, stainless steel.



### Specifications:

Production: 65 l/h.  
Continuous production: 40l.  
Temperature: 3 - 10 °C.  
Ice bank capacity: 4,5 kg.  
Cooling gas: R 134A 160 g  
Compressor power: 1/6 CV.  
Water inlet connection: 8 mm.  
Materials used for manufacture: Stainless steel.

### Only HG models:

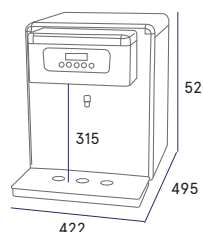
Gas inlet connection: 8 mm.  
Water outputs:  
3 (1 chilled, 1 room temp., 1 sparkling).

### Only HF models:

Water outputs:  
3 (2 chilled, 1 room temp.).

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
Elbow 8 mm.  
Adaptor M3/8" - 8 mm.  
HG 65 E TOP: 2 m tube 8 mm.  
HF 65 E TOP: 1 m tube 8 mm.  
CO<sup>2</sup> pressure reducer (Only HG models).



Electronic



Volume regulation

Code	Description	Weight Kg
980115	Table-top Dispenser HG 65 E TOP with basic tray Sparkling water	47
980378	Table-top Dispenser HG 65 E TOP with high tray incl. drain Sparkling water	47
980379	Table-top Dispenser HG 65 E TOP with built-in tray Sparkling water	47
980057	Table-top Dispenser HF 65 E TOP with basic tray	32
980380	Table-top Dispenser HF 65 E TOP with high tray incl. drain	32
980381	Table-top Dispenser HF 65 E TOP with built-in tray	32

➔ Mechanical version, please get your complete KMO WATER catalogue.



Production



Room temperature



Chilled



Different towers to choose

## Columbia HG 65 IN / HF 65 IN

Equipment suitable for offices, pubs, cafés and medium-size restaurants. Under-counter Dispenser. Steel.



### Specifications:

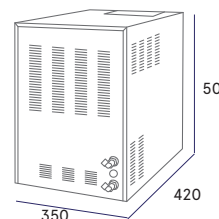
Production: 65 l/h.  
Continuous production: 40l.  
Temperature: 3 - 10 °C.  
Ice bank capacity: 4,5 kg.  
Cooling gas: R 134A 160 g  
Compressor power: 1/6 CV.  
Water inlet connection: 8 mm.  
Materials used for manufacture: Steel.

### Only HG models:

Gas inlet connection: 8 mm.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
Elbow 8 mm.  
Adaptor M3/8" - 8 mm.  
HG 65 IN: 2 m tube 8 mm.  
HF 65 IN: 1 m tube 8 mm.  
CO<sup>2</sup> pressure reducer (Only HG model).



Code	Description	Weight Kg
980193	Steel Under-counter Dispenser HG 65 IN Sparkling water	37
980192	Steel Under-counter Dispenser HF 65 IN	29



Production



Room temperature



Chilled

## Columbia HG 70 E TOP / HF 70 E TOP

Equipment suitable for offices, pubs, cafés and small restaurants. Under-counter Dispenser. Steel.



### Specifications:

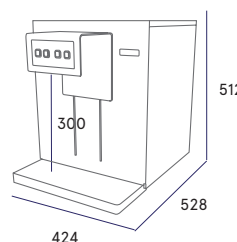
Production: 30 l/h.  
 Continuous production: 7 l.  
 Temperature: 3 - 10 °C.  
 Cooling gas: R 134A 90 g  
 Compressor power: 1/10 CV.  
 Water outputs: 1.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture: Steel and ABS.

### Only HG models:

Gas inlet connection: 8 mm.

### Accessories included:

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 1 m tube 8 mm.  
 1 m tube 6 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).



Electronic



Volume regulation

Code	Description	Weight Kg
980318	Table-top Dispenser HG 70 E TOP with basic tray Sparkling water	49
980386	Table-top Dispenser HG 70 E TOP with high tray incl. drain Sparkling water	49
980387	Table-top Dispenser HG 70 E TOP with built-in tray Sparkling water	49
980316	Table-top Dispenser HF 70 E TOP with basic tray	35
980404	Table-top Dispenser HF 70 E TOP with high tray incl. drain	35
980405	Table-top Dispenser HF 70 E TOP with built-in tray	35

➔ Mechanical version, please get your complete KMOWATER catalogue.



Producción



Ambiente



Fría

## Columbia HG 120 E

Equipment suitable for offices, pubs, cafés and medium-size restaurants. Under-counter Dispenser. Steel.

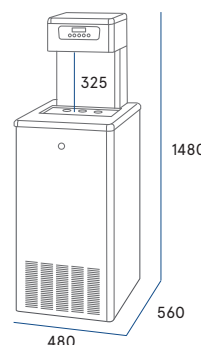


### Specifications:

Production: 120 l/h. Continuous production: 70l. Temperature: 3 - 10 °C.  
 Ice bank capacity: 6.5 kg.  
 Cooling gas: R 134A 250 g  
 Compressor power: 1/3 CV.  
 Water outputs: 3 (1 chilled, 1 room temp., 1 sparkling).  
 Water inlet connection: 8 mm.  
 Materials used for manufacture: Steel.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 2 m tube 8 mm.  
 CO<sup>2</sup> pressure reducer.



Electronic



Volume regulation

Code	Description	Weight Kg
980021	Electronic stainless steel Floor Dispenser HG 120 ES Sparkling water	53

➔ Mechanical version, please get your complete KMOWATER catalogue.



Production



Room temperature



Chilled

## Columbia HG 120 E TOP / HF 120 E TOP

Equipment suitable for communities and medium-sized restaurants. Table-top Dispenser. Electronic, stainless steel.



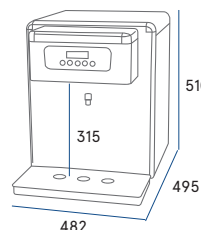
### Specifications:

Production: 120 l/h.  
 Continuous production: 70l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 6.5 kg.  
 Cooling gas: R 134A 250 g  
 Compressor power: 1/3 CV.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture: Stainless steel.  
 Water outputs:  
 3 (1 chilled, 1 room temp., 1 sparkling).  
 Model HF 120 E TOP:  
 3 (2 chilled, 1 room temp.).

Only HG models:  
 Gas inlet connection: 8 mm.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).  
 HG 120 E TOP: 2 m tube 8 mm.  
 HF 120 E TOP: 1 m tube 8 mm.



Electronic



Volume regulation

Code	Description	Weight Kg
980015	Table-top Dispenser HG 120 E TOP with basic tray Sparkling water	50
980392	Table-top Dispenser HG 120 E TOP with high tray incl. drain Sparkling water	50
980393	Table-top Dispenser HG 120 E TOP with built-in tray Sparkling water	50
980012	Table-top Dispenser HF 120 E TOP with basic tray	39
980394	Table-top Dispenser HF 120 E TOP with high tray incl. drain	39
980395	Table-top Dispenser HF 120 E TOP with built-in tray	39

➔ Mechanical version, please get your complete KMOWATER catalogue.



Production



Room temperature



Chilled



Different towers to choose

## Columbia HG 120 IN / HF 120 IN

Equipment suitable for communities and medium-sized restaurants. Under-counter Dispenser. Steel.

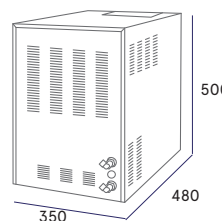


### Specifications:

Production: 120 l/h.  
 Continuous production: 70l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 6,5 kg.  
 Cooling gas: R 134A 250 g  
 Compressor power: 1/3 CV.  
 Water inlet connection: 8 mm.  
 Gas inlet connection:  
 8 mm. (Only HG model)  
 Materials used for manufacture: Steel.  
 Max. tube length up to the tower: 1.5 m.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Adaptor M3/8" - 8 mm.  
 HG 120 IN: 2 m tube 8 mm.  
 HF 120 IN: 1 m tube 8 mm.  
 CO<sup>2</sup> pressure reducer (Only HG model).



Code	Description	Weight Kg
980022	Steel Under-counter Dispenser HG 120 IN Sparkling water	46
980053	Steel Under-counter Dispenser HF 120 IN	37

➔ Mechanical version, please get your complete KMOWATER catalogue.



180 lph



Room temperature



Chilled

## Columbia HG 180 E TOP / HF 180 E TOP

Equipment suitable for communities and medium-sized restaurants. Table-top Dispenser. Electronic, stainless steel.



### Specifications:

Production: 180 l/h.  
 Continuous production: 100l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 11.5 kg.  
 Cooling gas: R 134A 390 g  
 Compressor power: 1/3 CV.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture:  
 Stainless steel.

### Only HG models:

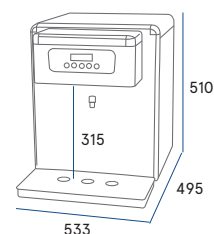
Gas inlet connection: 8 mm.  
 Water outputs:  
 3 (1 chilled, 1 room temp., 1 sparkling).

### Only HF models:

Water outputs:  
 3 (2 chilled, 1 room temp.).

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 CO<sup>2</sup> pressure reducer (only HG models).  
 HG 180 E TOP: 2 m tube 8 mm.  
 HF 180 E TOP: 1 m tube 8 mm.



Electronic



Volume regulation

Code	Description	Weight Kg
980058	Table-top Dispenser HG 180 E TOP with basic tray Sparkling water	54
980396	Table-top Dispenser HG 180 E TOP with high tray incl. drain Sparkling water	54
980397	Table-top Dispenser HG 180 E TOP with built-in tray Sparkling water	54
980060	Table-top Dispenser HF 180 E TOP with basic tray	47
980398	Table-top Dispenser HF 180 E TOP with high tray incl. drain	47
980399	Table-top Dispenser HF 180 E TOP with built-in tray	47

➔ Mechanical version, please get your complete KMOWATER catalogue.



180 lph



Room temperature



Chilled



Different towers to choose

## Columbia HG 180 IN / HF 180 IN

Equipment suitable for communities and big-sized restaurants. Under-counter Dispenser. Steel.



### Specifications:

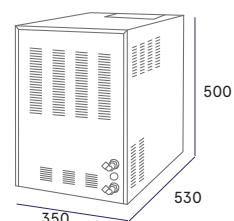
Production: 180 l/h.  
 Continuous production: 100l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 11,5 kg.  
 Cooling gas: R 134A 390 g  
 Compressor power: 1/3 CV.  
 Water inlet connection: 8 mm.  
 Materials used for manufacture: Steel.  
 Max. tube length up to the tower: 1.5 m.

### Only HG models:

Gas inlet connection: 8 mm.

### Accessories included

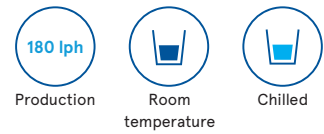
Adaptor F3/4" - Stem 8 mm.  
 2 x Adaptor M3/8" - 8 mm.  
 HG 180 IN: 2 m tube 8 mm.  
 HF 180 IN: 1 m tube 8 mm.  
 CO<sup>2</sup> pressure reducer (Only HG model).



Code	Description	Weight Kg
980072	Steel Under-counter Dispenser HG 180 IN Sparkling water	52
980075	Steel Under-counter Dispenser HF 180 IN	43

➔ Recirculation version, please get your complete KMOWATER catalogue.





## Columbia HG 180 E

Equipment for communities, hotels, buffets and large restaurants. Floor Dispenser. Electronic, stainless steel.

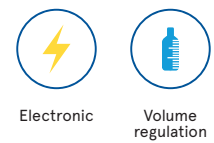
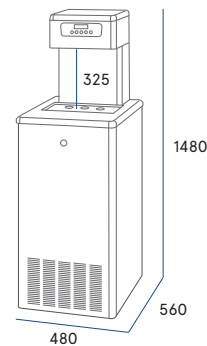


### Specifications:

Production: 180 l/h.  
 Continuous production: 100l.  
 Temperature: 3 - 10 °C.  
 Ice bank capacity: 11,5 kg.  
 Cooling gas: R 134A 390 g  
 Compressor power: 1/3 CV.  
 Water outputs: 3 (1 chilled, 1 room temp., 1 sparkling).  
 Water inlet connection: 8 mm.  
 Gas inlet connection: 8 mm.  
 Materials used for manufacture: Steel.

### Accessories included

Adaptor F3/4" - Stem 8 mm.  
 Elbow 8 mm.  
 Adaptor M3/8" - 8 mm.  
 2 m tube 8 mm.  
 CO<sup>2</sup> pressure reducer.



Code	Description	Weight Kg
980062	Electronic stainless steel Floor Dispenser HG 180 ES Electronic Sparkling water	56

➔ Mechanical version, please get your complete KMOWATER catalogue.





Producto premium



Táctil



Caliente

## Columbia HC 215 E IN

Warm water dispenser system for the Horeca and domestic markets. To drill on the counter (warm water only).



Warm Water Boiler

### Specifications:

State-of-the-art equipment that allows you to have warm water instantly (up to 98°C) to prepare any beverage in just a few seconds.

Design faucet with insulating body and touch control screen. Only available with press function.

Undercounter installation. Space saving.

Premium product

Italian modern and functional design.

The use of high quality materials make this equipment suitable for those establishments where the design is an essential part of your identity.

Modular: separate unit for warm water. Open warm water tank: The steam produced is channelled through the drain.

Constant temperature (98 °C) from the first glass. Anti-boiling function.

The operating phase of the warm water (ready, heating, off) is indicated by light signals on the control screen. Safety function to prevent accidents.

Energy saving mode after two hours without being used.

Connection to ø6 mm tube.

Production: 50 l / h.

Warm water continuous production: 3l.

Temperature for warm water: 98°C.

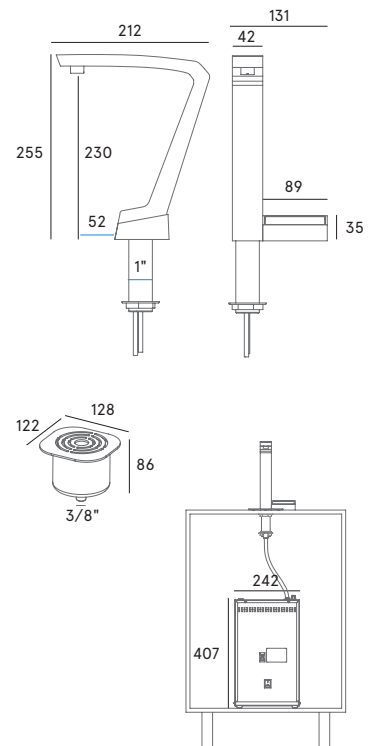
Tank volume: 5l.

Water inlet connection: 8mm.

Heater power: 2600W.

Materials used for manufacture:

Stainless steel.



Electronic

Code	Description	Weight Kg
980340	Warm Water Equipment HC 215 E IN	19.5

➔ Version with cold and sparkling, please get your complete KMOWATER catalogue.



## Mechanical Dispenser Tower Borne, 2 or 3 faucets



Room temperature



Chilled

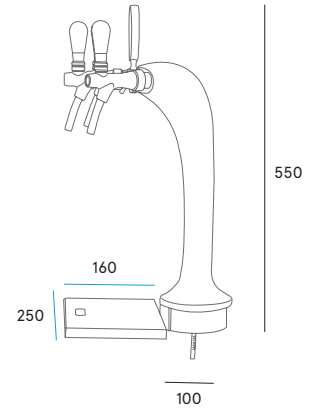


Sparkling



### Specifications:

Tower made of brass with 2/3 faucets ready to fix on the countertop or the bar with a pin hole. Includes non-inserted tray. Connection to  $\varnothing 8$  mm tube.

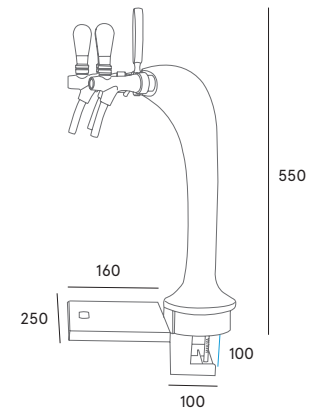


## Mechanical Dispenser Tower Borne, 2 or 3 faucets, with clamp



### Specifications:

Tower made of brass with 2/3 dispensing faucets and a bar bracket with a STAINLESS STEEL fixing bar clamp, including a removable STAINLESS STEEL tray. Connection to  $\varnothing 8$  mm tube.



Code	Description
980425	Dispenser Tower Borne with 3 faucets to drill on the counter
980423	Mechanical Dispenser Tower Borne with 3 faucets and clamp
980426	Mechanical Dispenser Tower Borne with 2 faucets to drill on the counter
980424	Mechanical Dispenser Tower Borne with 2 faucets and clamp Mechanical



Room temperature



Chilled



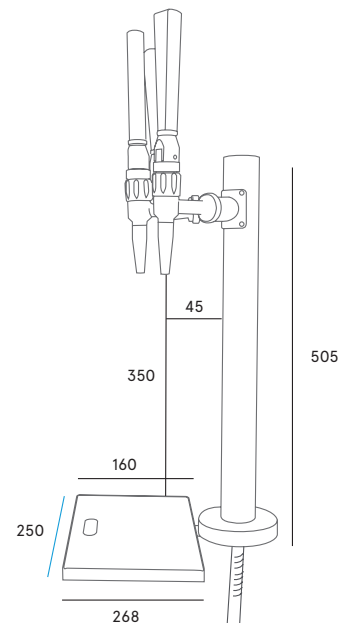
Sparkling

## Mechanical Dispenser Tower, 3 faucets, Oldem

The Oldem tower is inspired by Nordic minimalism. The dispensing bar with a diameter of 4.2 cm is painted in ceramic white and the shiny stainless steel faucets make it a modern and different product.

### Specifications:

Mechanical tower made of BRASS.  
With 3 dispensing faucets for 3 types of water to choose from and a dowel with a diameter of 1" that includes a STAINLESS tabletop tray.  
Connection to  $\varnothing 8$  mm tube.



Code	Description
980413	Mechanical Dispenser Tower Oldem, 3 types of water, ready to drill

➔ Version with clamp, please get your complete KMOWATER catalogue.



Room temperature



Chilled



Sparkling



Electronic



Volume regulation

## Electronic Dispenser Tower Italy

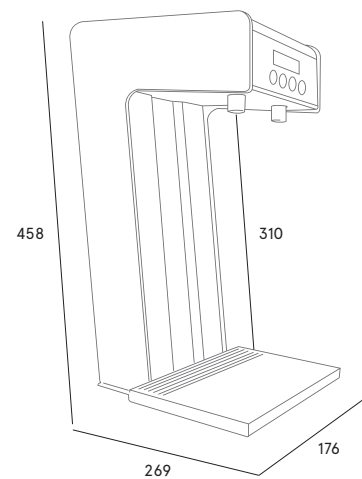
To drill on the counter. Three types of water.



### Specifications:

Electronic tower made of STAINLESS STEEL and ALUMINIUM. Modern and functional design. Two water outlets with adjustable water volume and temperature. Selection and configuration of the tower with a configurable digital display. 1" diameter dowel.

Water outputs: 2 (1 chilled / room temp., 1 sparkling). Connection to  $\varnothing 8$  mm tube.



Code	Description
980037	Electronic Dispenser Tower Italy, 3 types of water
980119	Centering device for 2 bottles

➔ Version with clamp, please get your complete KMOWATER catalogue.

## Lógico Aqua Premium UF 12

Filtering set for low conductivity water. System with ultra-filtration cartridge for facilities with risk factors such as hospitals, schools and nursing homes. Suitable for HF | HG 30-45 equipment.



### Components:

1 x Lógico Aqua Sediments 17.  
1 x Lógico Aqua Premium UF 12.  
1 x Double Lógico Aqua head.  
1 x Pressure regulator.  
1 x Digital down counter.  
1 x Assembly accessories.  
Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

Flow: 4 l/min.  
Filtering capacity with 1ppm of chlorine:  
6,000 l.

Code	Description
980306	Lógico Aqua Premium UF 12 Filtering Set

## Double Lógico Aqua Premium UF 12

Filtering set for low conductivity water. System with ultra-filtration cartridge for facilities with risk factors such as hospitals, schools and nursing homes. Suitable for HF | HG 65-80-120-180 equipment.



### Components:

1 x Lógico Aqua Sediments 17.  
2 x Lógico Aqua Premium UF 12.  
1 x Triple Lógico Aqua head.  
1 x Pressure regulator.  
1 x Digital down counter.  
1 x Assembly accessories.  
Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

Flow: 8 l/min.  
Filtering capacity with 1ppm of chlorine:  
12,000 l.

Code	Description
980307	Lógico Aqua Premium UF 12 Double Filtering Set

## Lógico Aqua Premium Filtration - UF 12

Filtering set for low conductivity water. System with ultra-filtration cartridge for facilities with risk factors such as hospitals, schools and nursing homes. Suitable for HF | HG 30-45 equipment.



### Components:

- 1 x Lógico Aqua Sediments 17.
- 1 x Carbon Lógico Aqua Premium12.
- 1 x Lógico Aqua Premium UF 12.
- 1 x Triple Lógico Aqua head.
- 1 x Pressure regulator.
- 1 x Digital down counter.
- 1 x Assembly accessories.
- Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

- Flow: 4 l/min.
- Filtering capacity with 1ppm of chlorine: 6.1 l.

Code	Description
980308	Lógico Aqua Premium Filtration - UF 12 Filtering Set

## Double Lógico Aqua Premium Filtration - UF 12

Filtering set for low conductivity water. System with ultra-filtration cartridge for facilities with risk factors such as hospitals, schools and nursing homes. Suitable for HF | HG 65-80-120-180 equipment.



### Components:

- 1 x Lógico Aqua Sediments 17.
- 1 x Lógico Aqua Premium 17.
- 2 x Lógico Aqua Premium UF 12.
- 1 x Triple Lógico Aqua head.
- 1 x Single Lógico Aqua head
- 1 x Pressure regulator.
- 1 x Digital down counter.
- 1 x Assembly accessories.
- Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

- Flow: 8 l/min.
- Filtering capacity with 1ppm of chlorine: 12,000 l.

Code	Description
980309	Lógico Aqua Premium Filtration - UF 12 Double Filtering Set

## Lógico Aqua Premium 12

Filtering set for low conductivity water. Suitable for HF | HG 30-45 equipment.



### Components:

1 x Lógico Aqua Premium 17 Filtration.  
 1 x Lógico Aqua Premium 12.  
 1 x Double Lógico Aqua head.  
 1 x Pressure regulator.  
 1 x Digital down counter.  
 1 x Assembly accessories.  
 Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

Flow: 4 l/min.  
 Filtering capacity with 1ppm of chlorine: 12,000 l.

Code	Description
980150	Lógico Aqua Premium UF 12 Filtering Set

## Double Lógico Aqua Premium 12

Filtering set for low conductivity water. Suitable for HF | HG 65-80-120-180 equipment.



### Components:

1 x Lógico Aqua Premium 17 Filtration.  
 2 x Lógico Aqua Premium 12.  
 1 x Triple Lógico Aqua head.  
 1 x Pressure regulator.  
 1 x Digital down counter.  
 1 x Assembly accessories.  
 Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

Flow: 8 l/min.  
 Filtering capacity with 1ppm of chlorine: 24,000 l.

Code	Description
980151	Lógico Aqua Premium 12 Double Filtering Set



## Lógico Aqua Premium 17

Filtering set for low conductivity water. Suitable for HF | HG 55-65-80 equipment.



### Components:

- 1 x Lógico Aqua Premium 17 Filtration.
- 1 x Carbon Lógico Aqua Premium 17.
- 1 x Double Lógico Aqua head.
- 1 x Pressure regulator.
- 1 x Digital down counter.
- 1 x Assembly accessories.
- Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

- Flow: 6.5 l/min.
- Filtering capacity with 1ppm of chlorine: 35,000 l.

Code	Description
980233	Lógico Aqua Premium 17 Filtering Set

## Double Lógico Aqua Premium 17

Filtering set for low conductivity water. Suitable for HF | HG 120-180 equipment.



### Components:

- 1 x Lógico Aqua Premium 17 Filtration.
- 2 x Carbon Lógico Aqua Premium 17.
- 1 x Triple Lógico Aqua head.
- 1 x Pressure regulator.
- 1 x Digital down counter.
- 1 x Assembly accessories.
- Connection to  $\varnothing 3/8''$  mm tube.

### Specifications:

- Flow: 13 l/min.
- Filtering capacity with 1ppm of chlorine: 70,000 l.

Code	Description
980234	Lógico Aqua Premium 17 Double Filtering Set



Please, Get your  
**KMOWATER** complete  
catalogue.

Horeca systems

Catalogue  
Price list  
01



# 10. Bottles

Columbia Aqua bottles

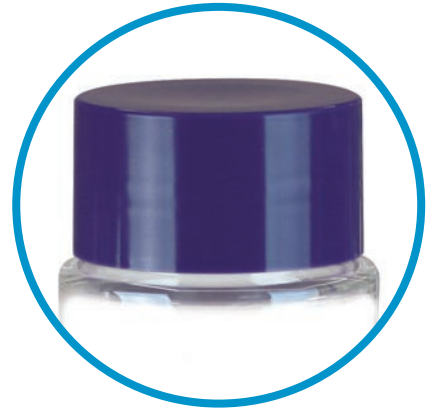
Runbott bottles

# New Bottles Golden

Ergonomic and elegant.  
Its wide mouth facilitates  
filling, emptying and  
washing.



Available with a screw  
lid of two colors to  
differentiate the bottles  
with and without gas.



Two capacities available  
to choose the one that  
best suits your needs.



50 cl

70 cl

columbia.  
aqua

## Golden 50 cl/70 cl



Capacity: 50 cl/70 cl.  
 Weight: 500 gr/600 gr.  
 Total height: 249 mm/276 mm.  
 Diameter: 72 mm/79 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
710065	Golden 50 cl bottle without customisation. Silver cap.
710066	Golden 70 cl bottle without customisation. Silver cap.
710067	Golden 50 cl bottle without customisation. Blue lid
710068	Golden 70 cl bottle without customisation. Blue lid
800227	Golden 50 cl Columbia Aqua grey lid
800228	Golden 70 cl Columbia Aqua grey lid
800229	Golden 50 cl Columbia Aqua blue lid
800230	Golden 70 cl Columbia Aqua blue lid

Code	Model
800136	Golden 50 cl. bottle with customised glazing
800137	Golden 70 cl bottle with customised glazing

Code	Model
710089	Silver lid in a bag of 24 units
710090	Blue lid in a bag of 24 units

## Söder 85 cl



Capacity: 85 cl.  
 Weight: 406 gr.  
 Packaging: 20 units.  
 Total height: 290 mm.  
 Diameter: 95 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
701075	Söder 85 cl bottle without customisation.
701076	Söder 85 cl Columbia Aqua
701078	Söder 85 cl bottle for Columbia Aqua sparkling water

Code	Model
700154	Söder 85 cl bottle with customised glazing



## Brenva 50/75 cl



Capacity: 50 cl/75 cl.  
 Weight: 570 gr/ 750 gr.  
 Packaging: 24 units.  
 Total height: 224 mm/260 mm.  
 Diameter: 89 mm/101 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
700113	Brenva 50 cl bottle without customisation
700117	Brenva 50 cl bottle Columbia Aqua
700118	Brenva 50 cl bottle for Columbia Aqua sparkling water
700055	Brenva 75 cl bottle without customisation
700116	Brenva 75 cl Columbia Aqua
800201	Brenva 75 cl bottle for Columbia Aqua sparkling water

Code	Model
700145	Brenva 50 cl bottle with customised glazing
700146	Brenva 75 cl bottle with customised glazing

## Madison 50/70 cl



Capacity: 50 cl/70 cl.  
 Weight: 480 gr/620 gr.  
 Packaging: 24 units.  
 Total height: 247 mm/272 mm.  
 Diameter: 66 mm/73,5 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
701033	Madison 50 cl bottle without customisation
800231	Madison 50 cl Columbia Aqua
800232	Madison 50 cl bottle for Columbia Aqua sparkling water
700072	Madison 70 cl bottle without customisation
800233	Madison 70 cl Columbia Aqua
800234	Madison 70 cl bottle for Columbia Aqua sparkling water

Code	Model
700147	Madison 50 cl bottle with customised glazing
700148	Madison 70 cl bottle with customised glazing

Code	Model
700102	Black plastic lid in a bag of 24 units

## Midi 70 cl



Capacity: 70 cl.  
 Weight: 755 gr.  
 Packaging: 24 units.  
 Total height: 238,5 mm.  
 Diameter: 88 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
700295	Midi 70 cl bottle without customisation
800206	Midi 70 cl Columbia Aqua
800208	Midi 70 cl bottle for Columbia Aqua sparkling water

Code	Model
700296	Midi 70 cl bottle with customised glazing

Code	Model
700051	Aluminium lid in a bag of 24 units

## Vega 1 l



Silicone pressure lid available.

Capacity: 1 l.  
 Weight: 600 gr.  
 Packaging: 20 units.  
 Total height: 263 mm.  
 Diameter: 89 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
701086	Vega 1 l bottle without customisation
800209	Vega 1 l Columbia Aqua
800210	Vega 1 l bottle for Columbia Aqua sparkling water

Code	Model
700150	Vega 1 l bottle with customised glazing

Code	Model
700134	Silicone lid in a bag of 20 units

## Lorena 1 l



Capacity: 1 l.  
 Weight: 530 gr.  
 Packaging: 24 units.  
 Total height: 290 mm.  
 Diameter: 90 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
701087	Lorena 1 l bottle without customisation
800211	Lorena 1 l Columbia Aqua
800212	Lorena 1 l bottle for Columbia Aqua sparkling water.

Code	Model
700153	Lorena 1 l bottle with customised glazing

## Brooklyn 75 cl



Capacity: 75 cl.  
 Weight: 650 gr.  
 Packaging: 24 units.  
 Total height: 278 mm.  
 Diameter: 79 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
710021	Brooklyn 75 cl bottle without customisation
800214	Brooklyn 75 cl Columbia Aqua
800215	Brooklyn 75 cl bottle for Columbia Aqua sparkling water

Code	Model
700277	Brooklyn 75 cl bottle with customised glazing

Code	Model
700051	Aluminium lid in a bag of 24 units

## Vertex 70 cl



Capacity: 70 cl.  
 Weight: 780 gr.  
 Packaging: 20 units.  
 Total height: 258 mm.  
 Diameter: 85 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
700271	Vertex 70 cl bottle without customisation
800218	Vertex 70 cl Columbia Aqua
800220	Vertex 70 cl bottle for Columbia Aqua sparkling water

Code	Model
700274	Vertex 70 cl bottle with customised glazing

Code	Model
700051	Aluminium lid in a bag of 24 units

## Minuit 35/50 cl



Capacity: 35/50 cl.  
 Weight: 400 gr/575 gr.  
 Packaging: 24 units.  
 Total height: 177,4 mm/194 mm.  
 Diameter: 73,7 mm/81 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
710078	Minuit 35 cl bottle without customisation
800221	Minuit 35 cl Columbia Aqua
800222	Minuit 35 cl bottle for Columbia Aqua sparkling water
701063	Minuit 50 cl bottle without customisation
800223	Minuit 50 cl Columbia Aqua
800224	Minuit 50 cl bottle for Columbia Aqua sparkling water

Code	Model
800195	Minuit 35 cl bottle with customised glazing
800146	Minuit 50 cl bottle with customised glazing

Code	Model
701064	Aluminium lid in a bag of 24 units

## Narvik 1 l



Capacity: 1 l.  
 Weight: 380 gr.  
 Packaging: 24 units.  
 Total height: 295 mm.  
 Diameter: 91 mm.  
 Customized layout: Plate fee under request.  
 (1-ink printing, color to choose).

Code	Model
701085	Narvik 1 l bottle without customisation
800225	Narvik 1 l Columbia Aqua
800226	Narvik 1 l bottle for Columbia Aqua sparkling water

Code	Model
700151	Narvik 1 l bottle with customised glazing

runbött  
ceramic coating

runbott.com

## Thermo bottle Runbott 60 cl

### A new way to hydrate. Temperature, taste and sustainability.

These three concepts make RUNBOTT much more than a normal reusable bottle.

The secret is in its interior, which is made with a ceramic coating to maintain the temperature of our drink for a long time without exposing it to metals and the resulting unpleasant flavours.

It is so easy to clean; with just a little tap water your RUNBOTT will be ready for a new adventure again.



Code	Description	MOQ
970302	Thermo bottle. Blue color.	16



Code	Description	MOQ
970303	Thermo bottle. White color.	16



Code	Description	MOQ
970310	Thermo bottle. Turquoise color.	16



Code	Description	MOQ
970306	Thermo bottle. Black color.	16



Code	Description	MOQ
970308	Thermo bottle. Red color.	16



Code	Description	MOQ
970305	Thermo bottle. Lime green color.	16





Code	Description	MOQ
970307	Thermo bottle. Purple color.	16



Code	Description	MOQ
970304	Thermo bottle. Fuchsia color.	16



Code	Description	MOQ
970309	Thermo bottle. Pink color.	16

Personal branding on the opposite side of the bottle keeping RUNBOTT on the other: CONSULT US.

970272 · Screen printing (Plate fee) 1 color + handling:

970271 · PLATE FEE 1 COLOR · CONSULT US



## Display Runbott 16 with 16 bottles of 4 colors



Code	Description
970311	Display (Blue-white-red-fuchsia)
970336	Display (Lime green-black-purple-pink)





# 11. Ultraviolet systems

## General applications

### UV Compact

0,12-0,24 m<sup>3</sup>/h

0,36-0,48 m<sup>3</sup>/h

0,96-1,2 m<sup>3</sup>/h

1,4-1,7 m<sup>3</sup>/h

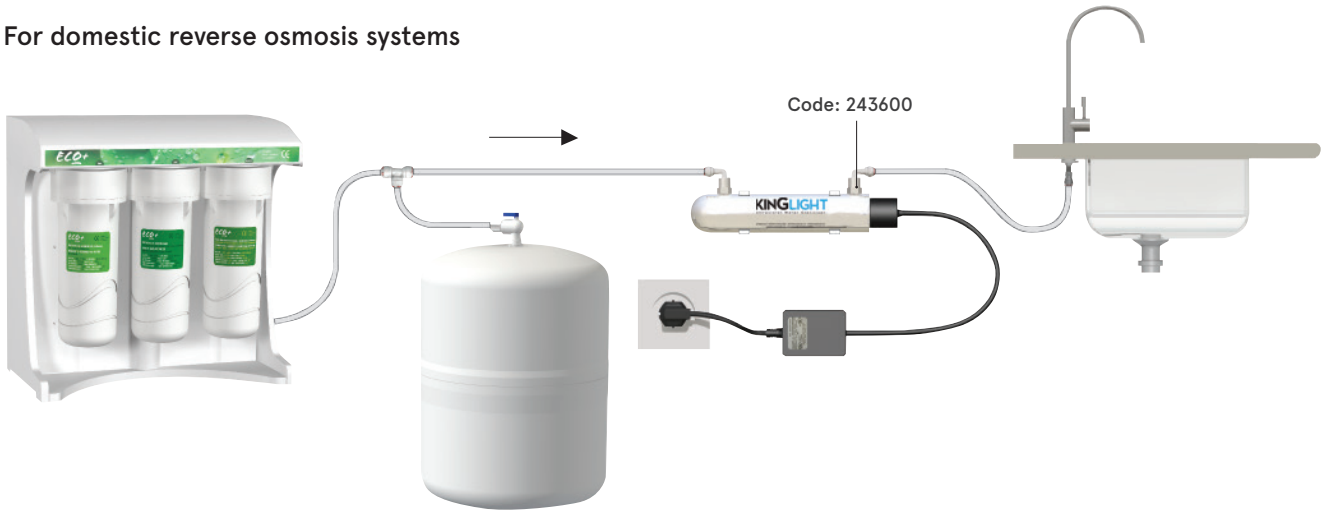
2,8-3,3 m<sup>3</sup>/h

4,8-5,8 m<sup>3</sup>/h

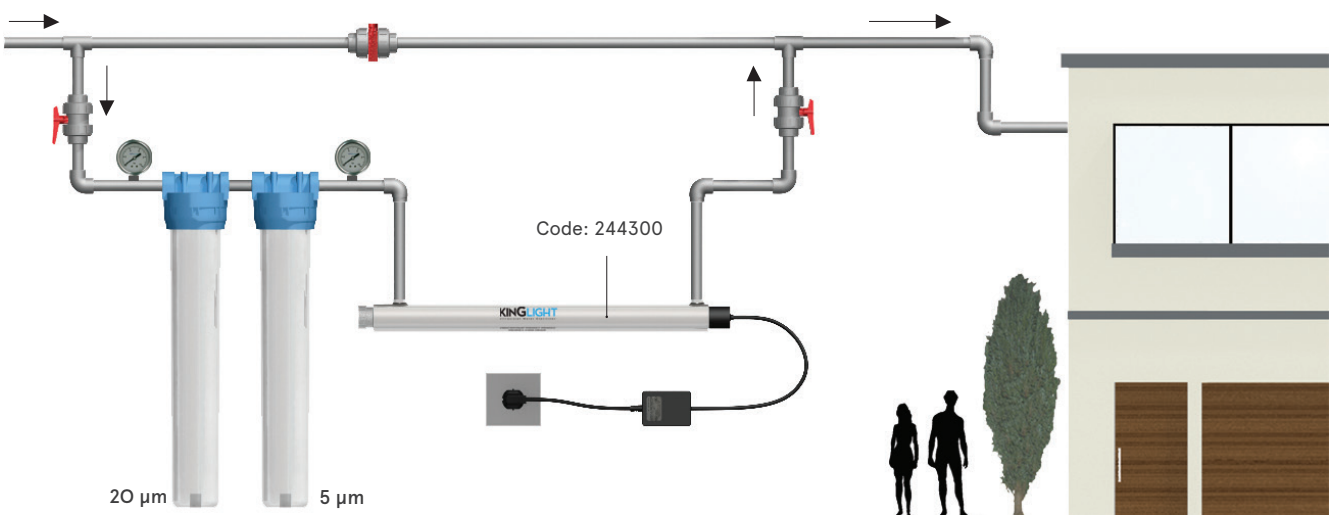
10-12 m<sup>3</sup>/h

## General applications

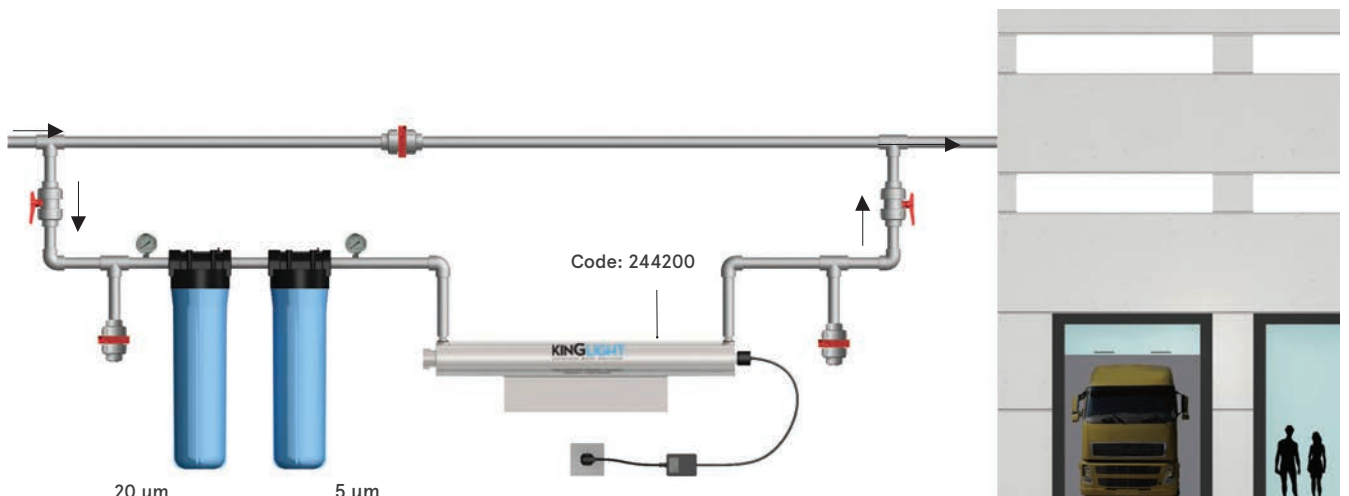
### For domestic reverse osmosis systems



### Whole house application



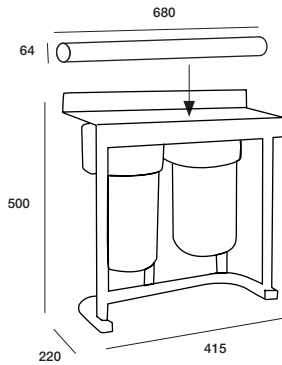
### For industry





## UV Compact 32

UV Compact 32 is an ultraviolet system with the filtration included and ready to work. It can be placed on the wall or on the floor.



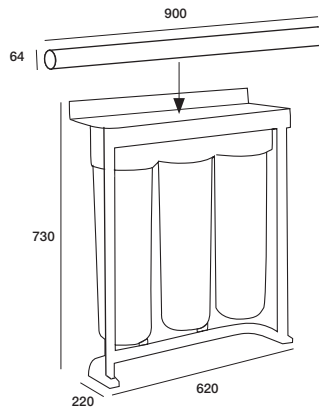
### System components:

- Structure in stainless steel 304.
- 2 Filters BIG of 10" blue colour. Connection 1" F.
- 1 polypropilene cartridge 50 microns 10" (211000).
- 1 carbon block cartridge 10" (214200).
- UV system 32 w.

Code	Packaging units	No. of lamps	Power W	Treatment flow	Inlet Connection	Outlet Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
724502	1	1	32	1,4 m <sup>3</sup> /h	1"-F	1/2"-F	8	Led/alarm	9000	Inox 304

## UV Compact 39

UV Compact 39 is an ultraviolet system with the filtration included and ready for work. It can be placed on the wall or on the floor.



### System components:

- Structure in stainless steel 304.
- 3 Filters BIG of 20" blue colour. Connection 1".
- 1 polypropilene cartridge 50 microns 20" (211200).
- 1 polypropilene cartridge 5 microns 20" (211100).
- 1 carbon block cartridge 20" (214300).
- UV system 39 w.

Code	Packaging units	No. of lamps	Power W	Treatment flow	Inlet Connection	Outlet Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
724503	1	1	39	2,8 m <sup>3</sup> /h	1"-F	3/4"-F	8	Led/alarm	9000	Inox 304



## UV0240LH / 1 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
243600	1	1	6	0,12 m <sup>3</sup> /h	0,24 m <sup>3</sup> /h	1/4" F	6	Led	5000	Inox 304

### UV lamp spare part

Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
244600	1	6	150 mA	15,5	212

### Philips replacement

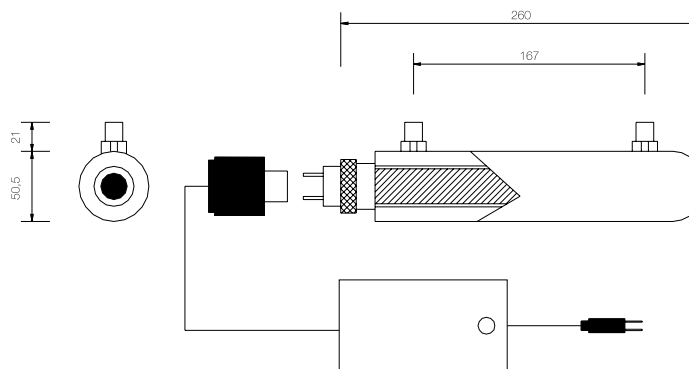
Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
244603	1	6	150 mA	15,5	212

### Q-sleeve spare part

Code	Packaging units	Diameter mm.	Length mm.
245100	1	23	240

### Ballast spare part

Code	Packaging units	Input voltage	Connection
245602	1	220-240 V	C



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.





## UV0480LH / 2 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244000	1	1	14	0,36 m <sup>3</sup> /h	0,48 m <sup>3</sup> /h	1/4" F	8	Led	9000	Inox 304

### UV lamp spare part

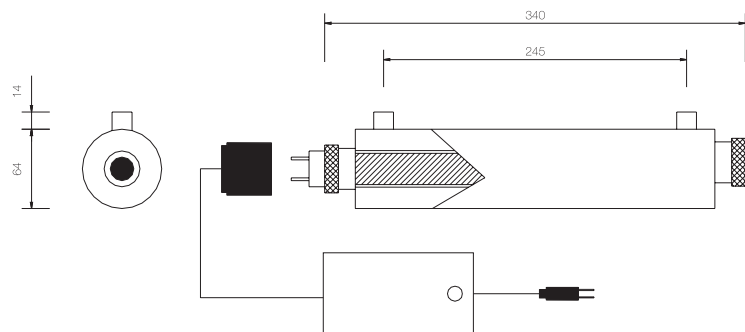
Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
244800	1	14	425 mA	15,5	287

### Q-sleeve spare part

Code	Packaging units	Diameter mm.	Length mm.
245200	1	23	300

### Ballast spare part

Code	Packaging units	Input voltage	Connection
245700	1	220-240 V	C



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.



## UV1200LH / 4 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244100	1	1	24	0,96 m <sup>3</sup> /h	1,2 m <sup>3</sup> /h	1/2" F	8	Led/alarm	9000	Inox 304

### UV lamp spare part

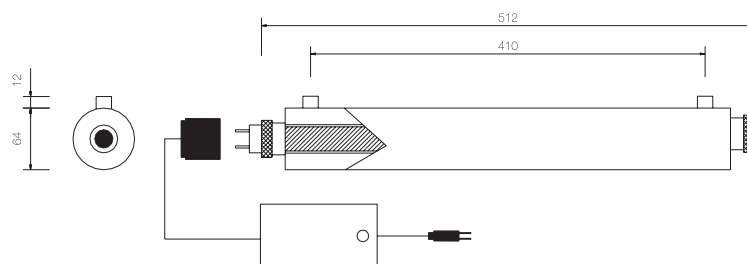
Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
244500	1	24	425 mA	15,5	450

### Q-sleeve spare part

Code	Packaging units	Diameter mm.	Length mm.
245500	1	23	500

### Ballast spare part

Code	Packaging units	Input voltage	Connection
776400	1	220-240 V	C



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.



## UV1700LH / 6 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244300	1	1	32	1,4 m <sup>3</sup> /h	1,7 m <sup>3</sup> /h	1/2" F	8	Led	9000	Inox 304

### UV lamp spare part

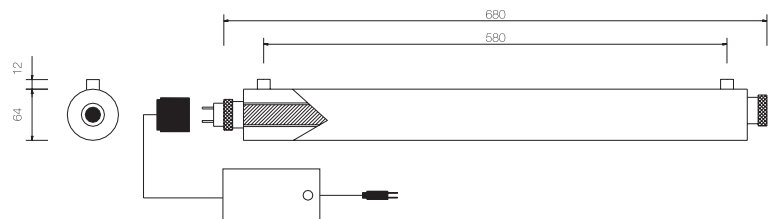
Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
244900	1	32	425 mA	15,5	645

### Q-sleeve spare part

Code	Packaging units	Diameter mm.	Length mm.
245300	1	23	670

### Ballast spare part

Code	Packaging units	Input voltage	Connection
776400	1	220-240 V	C



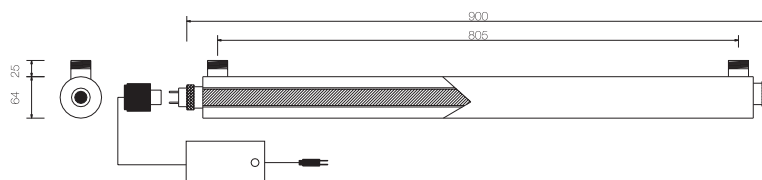
**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.



## UV3300LH / 12 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
243900	1	1	39	2,8 m <sup>3</sup> /h	3,3 m <sup>3</sup> /h	3/4" F	8	Led/alarm	9000	Inox 304

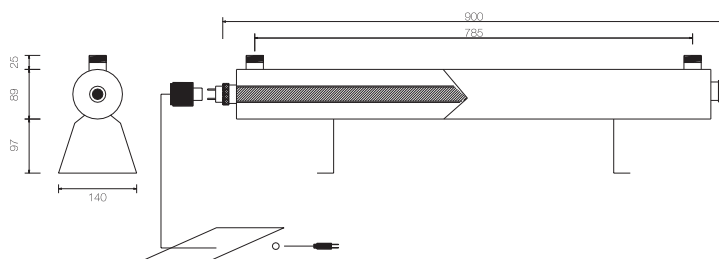


**!** Power supply: 220 V/50 Hz.  
Spare parts in page 301.

## UV3300LH / 12 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
243700	1	1	39	2,8 m <sup>3</sup> /h	3,3 m <sup>3</sup> /h	3/4" F	8	Led/alarm	9000	Inox 304



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.  
UV lamp spare parts in page 301.

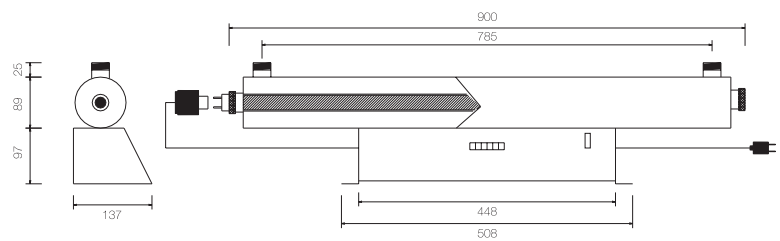


## UV3300LH / 12 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
243800	1	1	39	2,8 m <sup>3</sup> /h	3,3 m <sup>3</sup> /h	3/4" F	8	Led/alarm	9000	Inox 304

Includes hour meter.

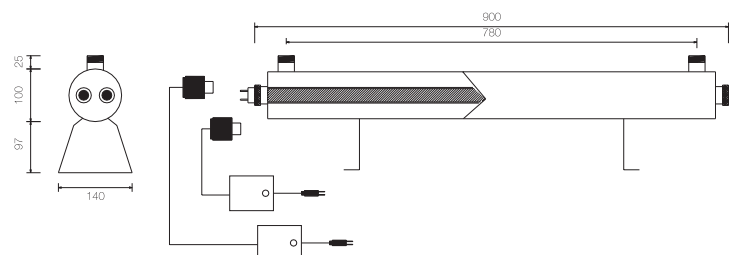


**!** Power supply: 220 V/50 Hz.  
Spare parts in page 301.

## UV5800LH / 24 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244400	1	2	39x2	4,8 m <sup>3</sup> /h	5,8 m <sup>3</sup> /h	1" F	8	Led/alarm	9000	Inox 304



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.  
UV lamp spare parts in page 301.

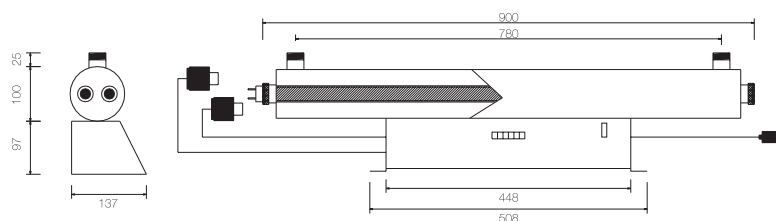


## UV5800LH / 24 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow a 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244200	1	2	39x2	4,8 m <sup>3</sup> /h	5,8 m <sup>3</sup> /h	1" F	8	Led/alarm	9000	Inox 304

includes hour meter

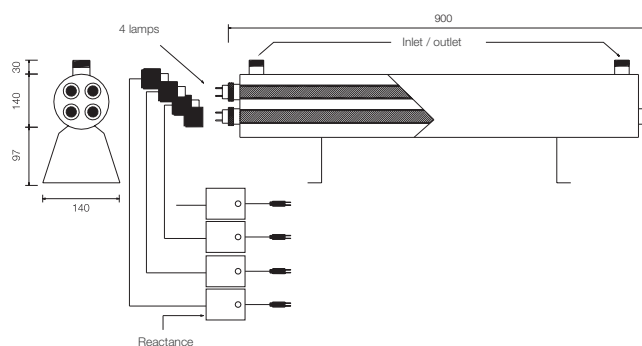


**!** Power supply: 220 V/50 Hz.  
Spare parts in page 301.

## UV12000LH / 48 GPM



Code	Packaging units	No. of lamps	Power W	Filtered water flow a 10 µm	RO water flow.	Connection	Max. pressure kg/cm <sup>2</sup>	Lamp failure indicator	Lamp life h	Material
244201	1	4	39x4	10 m <sup>3</sup> /h	12 m <sup>3</sup> /h	1 1/2" F	8	Led/alarm	9000	Inox 304



**!** Power supply: 220 V/50 Hz. To ensure the proper operation and germicidal capacity of the UV systems, inlet water must be filtered at 10-5 µm. Please ask our technical department. Please, ask for other connectors, voltages and power frequencies.

UV lamp spare parts in page 301.



## Spare parts for systems with 39 W lamp

### UV lamp spare part

Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
245000	1	39	425 mA	15,5	842

### Phillips UV lamp

Code	Packaging units	Power W	Current	Diameter mm.	Length mm.
245014	1	39	150 mA	15,5	212

### Q-sleeve spare part

Code	Packaging units	Diameter mm.	Length mm.
245400	1	23	895

### Ballast spare part

Code	Packaging units	Input voltage	Connection
776400	1	220-240 V	C



# 12. Dosing and Control instrumentation

Chlorination

Dosing series AKS 630

Dosing series TPG 603

Dosing accessories

## Regulation/measuring Amperometric chlorination Sentinel 2

Measuring and regulation system with recirculation for chlorine and pH amperometric Sentinel 2.



### Description

- |   |  |
|---|--|
| 1. Tank outlet valve.                               | 9. Foot valve.   |
| 2. Recirculation pump.                              | 10. Chlorine level control.                              |
| 3. Check valve.                                     | 11. Chlorine tank.                                       |
| 4. Pump outlet valve.                               | 12. Injection point.                                     |
| 5. By-pass  | 13. Inlet to recirculation tank.                         |
| 6. Sentinel 2                                       | 14. Water tank.  |
| 7. Junction cable between Sentinel and dosing pump. | 15. Protection and control board for recirculation pump. |
| 8. Dosing pump.                                     | 16. Power supply   |



## Regulation/measuring. Proportional chlorination Sentinel

Chlorination system with pulse-emitter water-meter. Proportional chlorination Sentinel.



### Description

1. Well.
2. By-pass.
3. Protection filter.
4. Pulse-emitter water-meter.
5. Junction cable between water-meter and dosing pump.
6. Proportional dosing pump.
7. Chlorine tank.
8. Tube injection point.
9. Chlorine level control.
10. Treated water tank.
11. Foot valve.

## Sentinel AKS Diaphragm dosing pumps Constant flow



Power supply 100–240 Vac 50/60 Hz.  
Working temperature: from 5° to 60 °C.  
Ceramic double ball valve.  
Housing made of PP.  
Head and valves made of PVDF.  
Membrane made of TEFLON.  
Constant flow.

**Dimensions of the system:**  
119 x 231 x 149,4 mm.  
Weight: 3 kg.



Code	Packaging units	Model	Suitable for	Pressure bar	Flow l/h
748000	1	AKS603 PVDF	Chlorine and acids	8	6

### Optional

Code	Packaging units	Description
249901	1	Level probe
249903	1	Level probe socket

## Sentinel TGP Electronic diaphragm dosing pumps Proportional flow



Power supply 100–240 Vac 50/60 Hz.  
Working temperature: from 5 a 60 °C.  
Ceramic double ball valve.  
Housing made of PP.  
Head and valves made of PVDF.  
Membrane made of TEFLON.  
Proportional pumps for pulse-meter,  
4–20 mA, time-controlled, ppm.  
Flow proportional.

**Dimensions of the system:**  
119 x 231 x 149,4 mm.  
Weight: 3 kg.



Code	Packaging units	Model	Suitable for	Pressure bar	Flow l/h
748200	1	TPG603 PVDF	Chlorine and acids	8	5

### Optional

Code	Packaging units	Description
249901	1	Level probe

**!** PVDF is extremely resistant to corrosive products such as acids.  
Please, ask for other connectors, voltages and power frequencies.

## Spare parts for Sentinel AKS/TPG 602/603 dosing pumps



Code	Packaging units	Description	Specifications
794002	1	AKS electronic board	
794003	1	TPG electronic board	
608205	1	Dosing device A series 603	PVDF-VITON
608200	1	Foot valve with filter	PVC-FPM
608204	1	Foot valve with filter	PVDF-EPDM
608300	1	Injection valve	PVC-FPM
773000	1	Injection valve	PVDF-EPDM
249901	1	Level sensor	
273101	1	High density teflon tube 6 mm x 4 mm	
249903	1	Level sensor connector	



## Proportional dosing system for Sentinel chlorination



### Pulse-emitter water-meter.

Proportional dosing pump TPG603  
PVDF for electronic level control.\*\*  
Solution tank made of polyethylene with  
level grid and screw cap.  
Voltage: 220 single-phase/50-60 Hz.

Code	Packaging units	Water-meter	Pump	Tank
252300	1	1/2"	Dosing device TPG603 PVDF	50 l white
252400	1	3/4"	Dosing device TPG603 PVDF	50 l white
252500	1	1"	Dosing device TPG603 PVDF	50 l white
252600	1	1 1/4"	Dosing device TPG603 PVDF	120 l white
252700	1	1 1/2"	Dosing device TPG603 PVDF	120 l white
252800	1	2" (with flange)	Dosing device TPG603 PVDF	120 l white
252900	1	2 1/2" (with flange)	Dosing device TPG603 PVDF	120 l white
253000	1	3" (with flange)	Dosing device TPG603 PVDF	120 l white
253100	1	4" (with flange)	Dosing device TPG603 PVDF	120 l white

**!** Please, ask for other connectors, voltages and power frequencies.  
\*\* Level probe (249901) not included.

## Pulse-emitter water-meter



Cold water-meter with connectors up to 1 1/2"  
and flange from 2".

### Configurations:

1 Pulse x 1 L of general dosing.  
4 Pulses x 1 L of chlorine dosing.

Code	Packaging units	Water-meter connection Ø	Length mm	Max Flow. m <sup>3</sup> /h
253200	1	1/2"	115	3
253300	1	3/4"	115	5
253400	1	1"	260	7
253500	1	1 1/4"	260	12
253600	1	1 1/2"	300	20
253700	1	2" (with flange)	210	70
253800	1	2 1/2" (with flange)	220	100
253900	1	3" (with flange)	220	180
254000	1	4" (with flange)	290	240

## Sentinel 2 Redox, chlorine and pH measuring and regulation systems



Code	Packaging units	Description
735303	1	<p>pH-regulator meter and redox potential with all or none principle. Includes electrode regulator, double electrode holder assembled on a polypropylene panel, includes 5" cartridge housing, sample collection, calibration solution of pH4-pH7 and 486 MV at 25°C. Installed on the panel.</p> <p>Dimensions: 600 x 500 x 10 mm.            Measuring range: 0 - 14 pH units.            Redox potential range: -/+1999 MV.            Voltage: 220 single-phase/50-60 Hz.</p>

Code	Packaging units	Description
735300	1	<p>Free active chlorine (hypochlorous acid) regulator meter. Ideal for drinking water chlorination. All or none principle. Includes regulator, galvanic amperometric cell (platinum copper), Reed sensor, flow rotameter, 5" cartridge housing, sample collector assembled on a polypropylene panel. Installed on the panel.</p> <p>Dimensions: 600 x 500 x 10 mm.            Measuring range: 0 - 5 ppm.            Voltage: 220 single-phase/50-60 Hz.</p>

Code	Packaging units	Description
735301	1	<p>Free active chlorine (hypochlorous acid) and pH regulator meter. Ideal for drinking water regulation.</p> <p>All or none principle. Includes regulator, galvanic amperometric cell (platinum gold), Reed sensor, flow rotameter, pH electrode, electrode holder in by-pass, 5" cartridge housing, sample collector assembled on a protected polypropylene panel. Installed on the panel.</p> <p>Dimensions: 600 x 500 x 10 mm.            Chlorine measuring range: 0-5 ppm.            pH range: 0-14 pH units.            Voltage: 220 single-phase/50-60 Hz.</p>

**!** Please, ask for other connectors, voltages and power frequencies.

## Chlorine and ph measuring and regulation systems (Sentinel 2) (potentiostatic system. Quality water under 250 micro siemens)



Code	Packaging units	Description
735312	1	Free active chlorine (hypochlorous acid) regulator meter. Suitable for drinking water chlorination. All or none principle. Includes regulator, galvanic potentiostatic cell (platinum copper), Reed sensor, flow rotameter, 5" cartridge housing, sample collector assembled on a polypropylene panel. Installed on the panel. Dimensions: 600 x 500 x 10 mm. Measuring range: 0 - 5 ppm. Voltage: 220 single-phase/50-60 Hz.

Code	Packaging units	Description
735313	1	Free active chlorine (hypochlorous acid) and pH regulator meter. Suitable for regulation water chlorination. All or none principle. Includes regulator, galvanic potentiostatic cell (platinum copper), Reed sensor, flow rotameter, 5" cartridge housing, sample collector assembled on a polypropylene panel. Installed on the panel. Dimensions: 600 x 500 x 10 mm. Measuring range 0-5 ppm. pH range: 0-14 pH units. Voltage: 220 single-phase/50-60 Hz.



Please, ask for other connectors, voltages and power frequencies.

## pH Redox conductivity regulator meters for wall assembly



IP65 Box.  
Consumption 5 W.  
Relay contacts 3A 250 VAC.  
2 Set points ON-OFF.  
Voltage: 220 V/50 Hz.

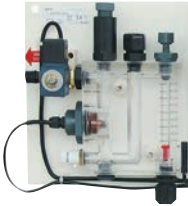
**Dimensions:**  
Height: 144 mm.  
Width: 144 mm.  
Length: 104 mm.

Code	Packaging units	Description	Range
550503	1	Redox / pH regulator meter	0-14 pH / 0-999 MV
539401	1	Conductivity regulator meter	1-200 $\mu$ S



*Electrodes or electrode holders are not included*

## Accessories and spare parts for regulation systems



Code	Packaging units	Description
257401	1	Complete free chlorine sensor with bracket and detector for lack of sampling
720403	1	Copper sensor
720404	1	Platinum sensor
231901	1	Pyrex balls for chlorine sensor
258301	1	Reed flow sensor for Sentinel 2
539700	1	Conductivity sensor 3/4 M K10 with PT-100. 0,01-500 $\mu$ S
757901	1	Conductivity sensor 3/4 M K5 with PT-100. 0,5-2000 $\mu$ S
539701	1	Conductivity sensor 3/4 M K1 with PT-100. 5-5000 $\mu$ S
739301	1	Cable for conductivity sensor of 5 meters with connector

## Graduated solution tanks

Cylindrical tanks with screw cap, made of translucent or black polypropylene.



Code	Color	Code	Color	Packaging units	Capacity l	Diameter mm	Height mm	Cap mm
254100	Translucent	254700	Black	1	50	390	530	135
254200	Translucent	254800	Black	1	120	510	730	170
254300	Translucent	254900	Black	1	200	570	920	170
254400	Translucent	255000	Black	1	300	610	1190	170
254500	Translucent	255100	Black	1	500	760	1190	170
254600	Translucent	255200	Black	1	1000	1080	1445	290

## Accessories and spare parts control equipment



### Standard solution

Code	Packaging units	Description	CC	Parameter
260700	1	Standard solution	60	pH 07,00
260800	1	Standard solution	60	pH 04,00
261000	1	Standard solution	60	pH 09,00
261200	1	Standard solution	60	rH 468MV
261300	1	Standard solution	60	Conductivity 147 $\mu$ S
261400	1	Standard solution	60	Conductivity 1413 $\mu$ S
261500	1	Standard solution	60	Conductivity 12,88 MS
261600	1	Standard solution	60	PPM 1382
261701	1	Standard solution	89	PPM 342









## Greentank® Bottles for softening and filtration

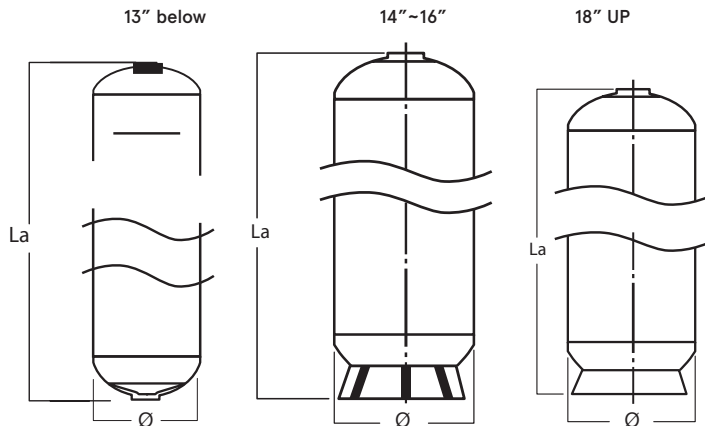
Full range of columns (more than 100 items available) for water treatment built in accordance with the most demanding quality standards and wholly made of heavy-duty plastic materials.

Ideal for water softening, filtration and ion exchange applications. Suitable for both domestic and industrial use thanks to the wide range available and the customization possibilities.

All parts in contact with water are made of food grade materials. As part of the Puricom products, over the past few years the Greentank columns have positioned themselves as a benchmark for quality and performance at international level.



## Bottles for filtration and water softening



### Specifications:

Max. working pressure:  
10.5 bars.  
Working temperature: 1-50 °C  
Max. vacuum: 140 mmHg.  
Min. exposure temperature: -30 °C.

### Fulfilled tests:

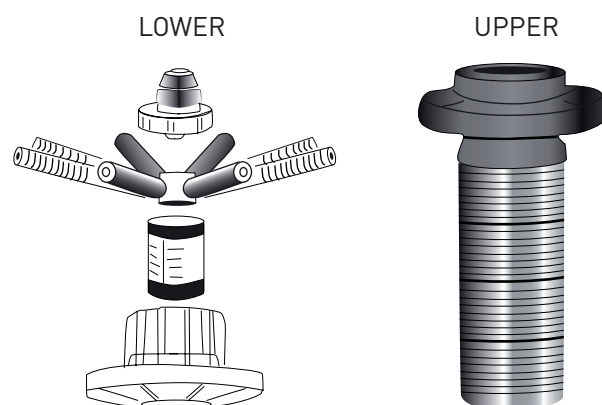
Cycle test: 250,000 cycles from 0 to 10.5 bars.  
Burst test: 4 times the operating pressure (42 bars).

Code	Model	Volume l	Color	Weight kg	Opening		La	Diameter ø
					Upper	Lower		
321005	07 x 19	9,72	Grey	2,12	2,5"	-	488	190
320800	07 x 35	19,10	Grey	2,95	2,5"	-	896	190
320900	08 x 17	10,50	Grey	2,30	2,5"	-	437	215
321013	08 x 30	21	Grey	3,65	2,5"	-	770	215
321000	08 x 35	23,60	Grey	4,05	2,5"	-	897	215
321100	08 x 44	31,30	Grey	4,45	2,5"	-	1122	215
321200	10 x 35	38,30	Grey	4,93	2,5"	-	893	268
321300	10 x 54	61	Grey	7,69	2,5"	-	1381	268
321400	12 x 48	78,54	Grey	8,05	2,5"	-	1232	315
321500	12 x 52	84,70	Grey	8,63	2,5"	-	1338	315
321600	13 x 44	84,80	Grey	8,28	2,5"	-	1145	349
321700	13 x 54	105,70	Grey	10,60	2,5"	-	1398	349
321800	14 x 65	148	Grey	14,80	2,5"	-	1674	366
321805	14 x 65	148	Grey	14,80	4"	-	1674	366
321900	16 x 65	188,60	Grey	19,47	4"	-	1706	411
322000	18 x 65	257	Grey	28,10	4"	-	1722	491
322201	21 x 62	330	Grey	32,80	4"	-	1721	555
322801	24 x 72	494	Grey	44,10	4"	-	1918	622
340048	30 x 72	700	Blue	60	4"	-	1895	781
340037	30 x 72	720	Blue	60	4"	4"	2140	781
323401	36 x 72	1023	Grey	85	6" Flange	N/A	1920	932
324703	36 x 72	1023	Blue	87	6" Flange	6" Flange	2210	932
324704	42 x 72	1530	Blue	-	6" Flange	6" Flange	2395	1090
324701	48 x 72	1950	Blue	-	6" Flange	6" Flange	2400	1235
340039	63 x 67	2600	Blue	300	-	-	2050	1635
340040	63 x 86	3310	Blue	365	-	-	2475	1635

Grey color vessels from 07x19 to 24x72. The rest in blue color.

**!** Ask for the available models in stock.

## Distributors for battery-operated equipment



Code	Packaging units	Description	Bottle diameter	Clamp size	Tube connection	Nozzle pitch
338113	1	Clamp kit for lower nozzle 18-20"	18-20"	4"	Ø 63	0,2-0,25 mm.
338115	1	Clamp kit for lower nozzle 24"	24"	4"	Ø 63	0,2-0,25 mm.
338118	1	Clamp kit for lower nozzle 30"	30"	4"	Ø 63	0,2-0,25 mm.
338121	1	Clamp kit for lower nozzle 36"	36"	6"	RH 3"	0,2-0,25 mm.
338122	1	Clamp kit for lower nozzle 42"	42"	6"	RH 3"	0,2-0,25 mm.
338123	1	Clamp kit for lower nozzle 48"	48"	6"	RH 3"	0,2-0,25 mm.
338133	1	Clamp kit for lower nozzle 65-80"	65-80"	6"	Ø 110	0,2-0,25 mm.
338104	1	Clamp kit for upper nozzle 20-40"	20-40"	6"	Ø 63	0,5 mm.
338132	1	Clamp kit for upper nozzle 40-80"	40-80"	6"	Ø 110	0,5 mm.

## Internal distributors



Code	Packaging units	Description	Valve model
576800	1	Upper nozzle 1,05"	5600 / 9000 / 9100
750449	1	Upper nozzle 1,05" - 35"	255 / 278 / 180 / 650 Denver / WaterMark
338102	1	Upper nozzle 2"	655 / 9500
576503	1	Lower nozzle 1" tubo 890 mm	255 / 180 / Denver / Watermark
576502	1	Lower nozzle 1" tubo 1520 mm	255 / 278 / 180 / 650
576504	1	Lower nozzle 1" tubo 1950 mm	278 / 180 / 650
576700	1	Lower nozzle 2" tubo 1820 mm	655 / 9500
740509	1	Upper nozzle	Magnum
740508	1	Lower nozzle	Magnum
340200	1	Reducing socket 4-2 1/2"	-
340100	1	Reducing socket 6-4 1/2"	-

## Brine tanks made in HDPE with brine grid and brine well

Specially designed for industrial applications, this is a robust and appropriate equipment for intensive work.



Upper cap for salt loading.  
Cap cover for the brine well.  
Easy maintenance and salt loading.  
Standard color: white. Other colours available under request.  
Its special stackable design allows to save up to 70% of space in shipments.

Code	Packaging units	Volume litres	Height mm	Width mm	Diameter brine well mm	Height brine well mm	False bottom mm
303500	1	100 l	940	450	Ø 100	835	200
303600	1	145 l	1060	500	Ø 100	1030	200
303700	1	200 l	1160	550	Ø 100	940	200
303800	1	350 l	1275	740	Ø 135	1260	150
303900	1	500 l	1335	840	Ø 135	1320	150
303901	1	750 l	1395	960	Ø 135	1380	150
304100	1	1000 l	1460	1080	Ø 135	1430	150
304103	1	1500 l	1575	1240	Ø 135	1550	150
304101	1	2000 l	1690	1360	Ø 135	1650	150

## Rectangular tanks made of food grade polyethylene



Equipped with a 4 or 6 inch lid to manipulate and sanitize the interior. Ideal for accumulating water in locations with little space. Translucent white color to see the water level.

Code	Packaging units	Volume litres	Width mm	Depth mm	Total height mm	Weight kg.
254102	1	18 l	180	440	300	1,8
254103	1	25 l	270	350	415	2,5
254104	1	50 l	300	500	420	4,5

## Diaphragm valves

Hydraulically or pneumatically driven diaphragm valves.



Material of the body: Loaded polyamide.

Material of the seals: EPDM.

Working pressure: 1-8 kg/cm<sup>2</sup>.

Max. pilot pressure: 8 kg/cm<sup>2</sup>.

Working temperature: 4-50°C.

Control: hydraulic or mechanical.

Code	Packaging units	Type	Weight kg	Dimensions			
				Connection	Height	Length	Width
303307	1	Normally open-Limited opening	0,6	1" RM	150	160	85
				Ø40 mm.	150	165	85
303309	1	Normally open	1,2	1 1/2" RM	175	175	115
				Ø63 mm.	175	265	115
303308	1	Normally open-Limited opening	1,4	1 1/2" RM	210	175	115
				Ø63 mm.	210	265	115
303310	1	Normally open	3,8	2" 1/2" RM	240	265	160
				Ø90 mm.	320	320	200
303311	1	Normally open-Limited opening	4,0	2" 1/2" RM	280	265	160
				Ø90 mm.	350	320	200

## Brass solenoid valve 220 Vac



Code	Packaging units	Description	Diameter connection
301700	1	Two ways N.O.	3/8"
301800	1	Two ways N.C.	3/8"
301900	1	Two ways N.O.	1/2"
302000	1	Two ways N.C.	1/2"
302100	1	Two ways N.O.	3/4"
302200	1	Two ways N.C.	3/4"
302300	1	Two ways N.O.	1"
302400	1	Two ways N.C.	1"
302500	1	Two ways N.O.	1 1/4"
302600	1	Two ways N.C.	1 1/4"
302700	1	Two ways N.O.	1 1/2"
302800	1	Two ways N.C.	1 1/2"



## Membrane housings

Membrane housings made of PRFV. Max. working pressure: 35 kg/cm<sup>2</sup>.



Code	Packaging units	Membranes units	Diameter mm	Height mm	Model	Max. Pressure Kg/cm <sup>2</sup> PSI
313900	1	1	75	605	25 x 21	21 / 300
314734	1	1	75	629	25 x 21	69 / 1000
314100	1	1	75	1.088	25 x 40	21 / 300
314733	1	1	75	1112	25 x 40	69 / 1000
314700	1	1	115	1140	40 x 40	21 / 300
314737	1	1	115	1244	40 x 40	69 / 1000
314738	1	2	115	2156	40 x 40	21 / 300
314712	1	1	240	1494	80x40	21 / 300
314713	1	2	240	2510	80x40	21 / 300

Note: Other models and pressures, consult us.

## Reverse osmosis membranes



Code	Packaging units	Brand	Model	Version
744616	1	Greenfilter	LP2521	Low/Medium pressure
744615	1	Greenfilter	LP2540	Low/Medium pressure
744614	1	Greenfilter	LP4040	Low/Medium pressure

Code	Packaging units	Brand	Model	Version
310100	1	FILMTEC	TW30-2521	Medium pressure
310900	1	FILMTEC	TW30-2540	Medium pressure
312600	1	FILMTEC	BW30-4040	High pressure
313500	1	FILMTEC	BW30400-8040	High pressure

Code	Packaging units	Brand	Model	Version
310300	1	Toray	TR70-HF-2521	Medium pressure
311100	1	Toray	TR70-HF-2540	Medium pressure
312200	1	Toray	TMG10-4040	Medium pressure

Code	Packaging units	Brand	Model	Version
310701	1	Hydranautics	ESPA 1-2540	Low pressure
310702	1	Hydranautics	ESPA 1-4040	Low pressure
311601	1	Hydranautics	ESPA 2-4040	Medium pressure
312601	1	Hydranautics	CPA5-LD 4040	High pressure
311603	1	Hydranautics	ESPA 2-8040	Medium pressure
311602	1	Hydranautics	CPA3-8040	High pressure

## Horizontal multicellular pumps made of stainless Steel



Code	Packaging units	Description
598605	1	Pump multicellular AISI 304 Monophasic CHLF 2 40
598606	1	Pump multicellular AISI 304 Monophasic CHLF 2 50
598607	1	Pump multicellular AISI 304 Monophasic CHLF 4 40
598608	1	Pump multicellular AISI 304 Monophasic CHLF 4 50
598609	1	Press Control Kit

### Flow and pressure curve

Code	Model	kW	hp	Q (m <sup>3</sup> /h)	0,5	1	1,5	2	2,5	3
598605	2 40	0,55	0,75	H	36	34,5	33	29	25	20,5
598606	2 45	0,55	0,75	(M)	45,5	43	40	36	31,5	26,5
598607	4 40	0,75	1	H	37,5	36	34	31	27	23
598608	4 50	1,1	1,5	(M)	47	45	42,5	39	34	29

## Level control



Code	Packaging units	Description
316500	1	Electrical level control 5 m
316600	1	Electrical level control 10 m

## Brass and stainless steel rotary pumps



Code	Packaging units	Description
306200	1	Pump 600 l/h brass
306400	1	Pump 1000 l/h brass
306600	1	Pump 400 l/h inox
306700	1	Pump 600 l/h inox
306900	1	Pump 1000 l/h inox

## Motors for rotary pumps



Code	Packaging units	Description
307100	1	Motor 0.5 CV + single-phase for a pump of 400-600 L/h
307200	1	Motor 0.75 CV + single-phase for a pump of 800 L/h
307300	1	Motor 01 CV + single-phase for a pump of 1000 L/h

Adaptors for rotary vane pumps of 400-600 l/h



Code	Packaging units	Description
307700	1	Joint connector for rotary vane pump
307800	1	Bell housing for rotary vane pump

Adaptors for rotary vane pumps of 800-1000 l/h



Code	Packaging units	Description
307900	1	Joint connector for rotary vane pump
308000	1	Bell housing for rotary vane pump

## Ion exchange Greenresin resins



GreenResin®

### Specifications:

Exchange capacity: min 2 eq/L.

Density: 840 g/L.

Size: 0.3-1.2 mm > 1.2 mm max. 5% and < 0.3 mm max. 1%.

pH range: 0 - 14.

Code	Packaging units	Description
309300	25	Strong cationic resin for water softening
309400	25	Monosphere strong cationic resin
309800	25	Regenerable mix bed resin
309500	25	Demineralizing strong anionic resin
309601	25	Weak anionic resin
325000	25	Demineralizing strong cationic resin
309700	25	Specific for nitrates

## Analysers and test kit



### Test Kits



Code	Packaging units	Product	Uses
316800	1	Iron analyser	Analysis range from 3 to 500 ppm (test strips)
317100	1	Nitrates analyser	Analysis range from 10 to 150 ppm (test strips)
317000	1	Nitrates analyser	Analysis range from 10 to 500 ppm (test strips)

## Reagents for electronic photometer



Code	Packaging units	Description	Uses
317700	1	<b>Analyser</b>	Measures total and free chlorine, pH and cyanuric acid
317800	1	<b>DPD-1 reagent</b>	Free chlorine determination. 250 tablets. Photometer
317900	1	<b>DPD-3 reagent</b>	Total chlorine determination. 250 tablets. Photometer
318000	1	<b>pH reagent</b>	pH determination 6.80-8.40. 250 tablets. Photometer

## Swimming pool analyzers



Code	Packaging units	Description	Uses
317701	1	<b>Multiparameter photometer</b>	Free chlorine, total chlorine, pH, alkalinity, brome, hardness and cyanuric acid.
318703	1	<b>Test strips</b>	Total sodium chlorine in water.
320708	1	<b>6 in 1 test strips</b>	Free chlorine, pH, alkalinity, brome, hardness

## Photometer and reagents to determinate chlorine, pH and cyanuric acid



Code	Packaging units	Description	Range
317201	1	<b>Photometer of free / total chlorine</b>	0,00 to 2,50 ppm (mg/l)



Code	Packaging units	Description
611400	1	<b>Powder reagent to determinate free chlorine DPD-1 (100 test)</b>



Code	Packaging units	Description
729002	1	<b>Plastic test tube 250 cc. for calibrating dosing systems</b>

## Chemical products and filtering medias



Code	Packaging units	Product	Contents kg	Description
572300	1	Silicopolyphosphate	25	Silicopolyphosphate in balls
308100	1	Polyphosphate	25	Food-grade polyphosphate crystals
308400	1	Hydroanthracite	25	Filtering hydroanthracite
717501	1	Calcite	25	Solid pH regulation
308200	1	Activated carbon	25	High performing activated carbon for chlorine removal
540200	1	Garnet	25	Filtering media 0,3 - 0,6 mm
308500	1	Filtration silex	25	Filtering media 0,3 - 0,8 mm
308900	1	Filtration silex	25	Filtering media 1,3 - 2,5 mm
309000	1	Filtration silex	25	Filtering media 2 - 4 mm
743300	1	Calcium carbonate	25	Solid pH increaser
346600	1	RO 210	25	Liquid pH increaser
319900	1	Sodium metabisulphite (solid)	25	Chlorine reduction
733000	1	RO 10	25	Anti scaling
658200	1	RO 101	25	RO membrane cleaning acid formula
735400	1	RO P3	20	RO membrane cleaning oxonia active
320000	1	ION phos LP	27	Liquid Polyphosphates for drinking water
320100	1	ION phos PS	25	Liquid Silicopolyphosphates for drinking water
320702	1	Tablet salt	25	Softeners regeneration
308600	1	Zeolite 0,5-1 mm	20	Filtering media 0,5-1 mm
308601	1	Zeolite 1-2 mm	20	Filtering media 1-2 mm
308602	1	Zeolite 2-5 mm	20	Filtering media 2-5 mm
717601	1	Katalox Light	30	Iron removal





# 14. General conditions

Conversion tables

Analysis form

General conditions

Codes



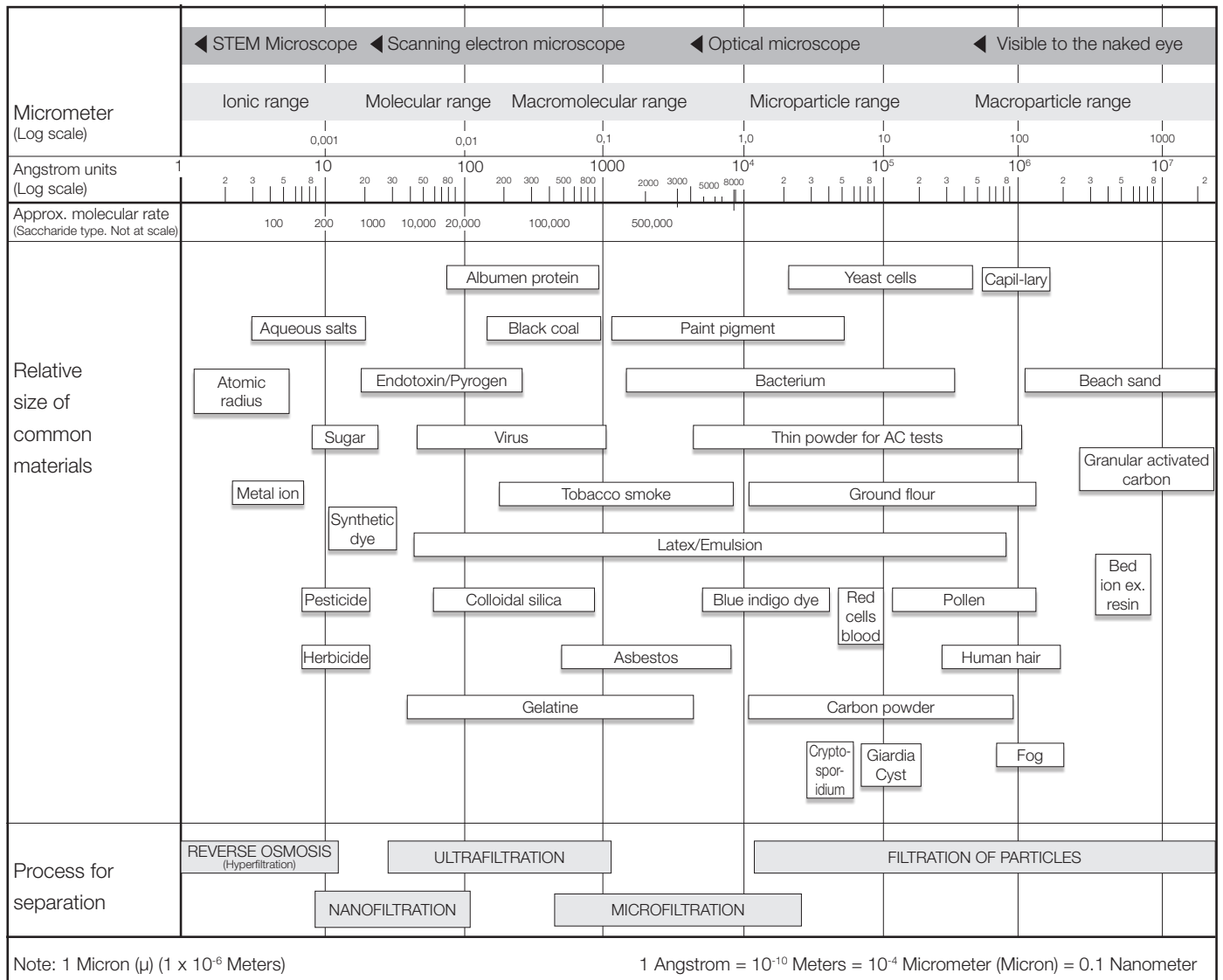
# Conversion tables

## Hardness

Hardness conversion table

1 milliequivalent	1 French degree	1 English degree	1 American degree	1 German degree	1 ppp CO <sub>3</sub> Ca
1	5	3.5	2.9	2.8	50
0.2	1	0.7	0.58	0.56	10
0.286	1.43	1	0.83	0.80	14.3
0.34	1.72	1.2	1	0.96	17.2
0.358	1.79	1.25	1.04	1	17.9
0.02	0.1	0.07	0.058	0.056	1

## Filtration and separation spectrum



# Analysis form

NAME OF CLIENT:			
REFERENCE:			
ANALYSIS NO.:		SALESPERSON:	
ARRIVAL DATE:		ANALYSIS DATE:	
WATER FROM:	NETWORK <input type="checkbox"/>	WELL <input type="checkbox"/>	SURFACE <input type="checkbox"/> TREATMENT
FUTURE TREATMENT/USE:			

A. MICROBIOLOGICAL PARAMETERS	RESULT	MAXIMUM VALUE	UNITS
ESCHERICHIA COLI		0	UFC/100 ml

B.1. CHEMICAL PARAMETERS	RESULT	MAXIMUM VALUE	UNITS
ARSENIC		10	µg/l
BORON		1.0	mg/l
COPPER		2.0	mg/l
FLUORIDES		1.5	mg/l
NITRATES		50	mg/l
NITRITES		0.5	mg/l
[NO <sub>3</sub> ] <sup>-</sup> / 50 + [NO <sub>2</sub> ] <sup>-</sup> / 3		<1	mg/l

C. INDICATIVE PARAMETERS	RESULT	MAXIMUM VALUE	UNITS
ALUMINIUM		200	µg/l
AMMONIA		0,5	mg/l
RESIDUAL COMBINED CHLORINE		3,0	mg/l
RESIDUAL FREE CHLORINE		1,0	mg/l
TOTAL CHLORINE		/	mg/l
CHLORIDES		250	mg/l
COLOUR		15	mg/l Pt/Co
CONDUCTIVITY at 20 °C		2500	_S/cm
TDS		/	mg/l
TOTAL IRON		200	µg/l
FERROUS IRON (Fe <sup>2+</sup> )		/	mg/l
LANGELIER INDEX 20 °		- 0.5 / + 0.5	/
MANGANESE		50	µg/l
ODOUR		/	/
pH		6.5 / 9.5	pH units
SULPHATES		250	mg/l
TURBIDITY		5	UNF

OTHER PARAMETERS	RESULT	MAXIMUM VALUE	UNITS
TOTAL ALKALINITY		/	mmol/l
PARTIAL ALKALINITY		/	mmol/l
TOTAL BICARBONATES		/	mg/l
TOTAL CARBONATES		/	mg/l
TOTAL HYDROXIDES		/	mg/l
TOTAL HARDNESS		/	° F
CALCIUM		/	mg/l
MAGNESIUM		/	mg/l
BARIUM		/	mg/l
COD		/	mg O <sub>2</sub> /l
PHOSPHATES		/	mg/l
POTASSIUM		/	mg/l
SILICA		/	mg/l

THESE CALCULATIONS ARE NOT CERTIFICABLE AND ARE INTENDED AS ORIENTATION FOR THE CORRECT CALCULATION OF WATER TREATMENT SYSTEMS.

\* VALUES MARKED WITH AN ASTERISK (\*) AND IN RED NUMBERS (IN THE SAMPLE RECEIVED) ARE ABOVE THE MAXIMUM VALUES ESTABLISHED BY THE EUROPEAN DIRECTIVE 98/83/CE.

REMARKS

The sales conditions apply to all orders. These conditions and prices may be reviewed by TRATAMIENTOS DE AGUA VDF, S.L. (hereinafter VDF) at any time should any circumstances such as a higher manufacturing cost, energy, raw materials, etc. change.

#### **Orders**

To prevent errors and ensure clarity, all orders must be submitted in writing (by post, fax or email), with the amount and reference no. from our price list and product description. All orders will be deemed confirmed once written notification is released. Any change to the orders shall be made and accepted in writing.

#### **Invoices**

Once accepted the terms and conditions, VDF will provide the purchase invoices through the Extranet and will no longer be sent by e-mail. The invoices will be available in the Extranet for any type of inquiry and management regarding such invoices.

#### **Delivery date**

Delivery dates serve as guidance only. Though all efforts are made to ensure punctual delivery on the date provided, we do not accept any responsibility nor penalties or compensations for delays in delivery due to force majeure and circumstances beyond our control. The delivery date is understood as the date upon which the goods are dispatched from our warehouses, regardless of who is in charge or assumes the transport costs.

#### **Prices**

Prices are understood as 'ex-work tariffs' in l'Ametlla del Vallés (Barcelona) (EX WORKS), including packaging. All taxes, agreements and other costs and charges are to be met by the purchaser. Prices in Euro. VAT is not included.

#### **Transport**

Goods travel under the responsibility and at the risk of the purchaser, even when delivery has been paid, except for the cases where the transport is made with VDF's own means notwithstanding the responsibility and claim of the client to the carrier hired by VDF or the client. At the time to place and accept the order it shall be defined who will carry out and / or assume the transport's cost; if it is on charge of the client, the invoice shall reflect the relevant cost if such transport has been hired by VDF. Before accepting the goods, the client shall check the state of the goods and packaging. In the event of any abnormality, the client should advise the carrier in less than 24 hours and provide us with written notification of the incidence, in order to ensure we can act accordingly.

#### **Guarantee**

VDF guarantees its products for a period of 2 years from the date of issuance of the relevant invoice to the distributor. In particular, VDF shall be held responsible for the lack of conformity of the goods, when such lack of conformity refers to the origin, identity or suitability of the products, according to their nature and the regulations related to them. Considering the nature of product and the relevance of its installment and the conditions of the water to be treated. To activate the guarantee, it is essential to fulfill with the technical conditions for the installation and operation of the equipments foreseen in the relevant installation sheet of each equipment or in the Guarantee Form (Authorisation for the Return of Materials) of VDF.

The guarantee covers strictly and exclusively the replacement of the parts of the devices. The repair of the devices and the costs related to it (labour, transport costs, travel expenses, etc.) will be assumed by the distributor.

In those cases where the technical service of VDF has not been able to verify the activation of the guarantee previously to the shipment of the device part, the lack of conformity, and therefore the activation of the guarantee, shall be afterwards proved to VDF in a maximum period of 1 month by means of the return of the relevant device part to VDF facilities. In the event that in the referred period of 1 month the technical service of VDF has not been able to verify the activation of the guarantee on the terms set out before, VDF will proceed to require the payment of the device relevant part/s for the amount indicated in the relevant invoice.

The guarantee does not cover parts suffering usual wear and tear, lack of maintenance, hits and other faults due to the improper use of the device, its improper installment or, in any case, to circumstances beyond the devices. Likewise the guarantee will not be valid in those cases where the devices have been manipulated, modified or repaired using materials or procedures other than those provided by the Official Technical Assistance Service of VDF. In order to activate the guarantee, it is required to provide the receipt of purchase and to fulfill the technical data, as well as, the information about installation and operation requested in the Guarantee Form (Authorisation for the Return of Materials) from VDF and, for some devices, it is required to activate the guarantee, according to the procedure indicated by the manufacturer.

#### **Payment conditions**

Except in the case of express written agreement to the contrary, all payments will be made in cash.

All taxes and charges which arise from the selling of the devices shall be borne by the purchaser. Any delay in payment will result in the application of 3% interest per month, starting from the delay date, without written notification or requirements being issued by the seller.

Any modification to the payment conditions shall be notified in writing by our company.

Likewise, as damages and losses, the purchaser is responsible for all bank and legal charges which may arise as the result of returning unpaid goods as well as any dunning charges (judicial or non-judicial).

#### **Returns**

No returns are permitted unless they are the result of delivery errors due to VDF. Should an error occur, invoice shall be provided, as well as the previous order, in order to start the return process. Should this documents not be provided, the return of goods will be denied.

Under no circumstances may goods be returned without having received prior written authorization from VDF.

If said authorization is received, the material shall be delivered in perfect packaging, with freight collect, to our warehouse in l'Ametlla del Vallés. We will not accept any returns of products which were adapted to the characteristics and requirements of the clients.

Corresponding sums will be added to the client's account and will be deducted from next invoices.

#### **Cancellation**

Without prejudice to any other claims which may correspond to us, we reserve the right to terminate or cancel any operation, in the event of failure to meet any of the aforementioned conditions, as well as in case of partial or total failure to pay an order, delay in payments, as well as in the event that the purchaser faces executive procedures, or is declared in bankruptcy.

In the event that the purchaser terminates or cancels an order or contract, the client shall provide the seller with a 20 % of the products' value corresponding to the cancelled order, without prejudice to the seller's right to claim damages for the losses incurred as a result of order cancellation.

#### **Ownership reservation**

The seller reserves ownership to the goods sold until the purchaser has made all payments. The seller reserves the right to remove said articles, either wholly or partially, from the purchaser's premises.

#### **Personal data information**

According to the regulations on personal data protection currently in force, we hereby inform you that the data controller of your personal data is TRATAMIENTOS DE AGUA VDF, S.L., with Corporate Tax ID (N.I.F.) number B60326279, postal address at Carrer Aiguafreda, número 8, Pol. Industrial l'Ametlla Park, Ametlla del Vallès, 08480 (Barcelona), telephone 902.305.310 and e-mail [clientes@ionfilter.com](mailto:clientes@ionfilter.com).

Your personal data is processed for the purposes of managing the contractual and commercial relationship with our clients, process the orders made by the client and its payment as well as commercial and advertising purposes if it has been expressly agreed by the client. The lawful base which authorise us to process your personal data is the execution of the contractual relationship entered into with you.

VDF will keep the personal data for the duration of the contractual relationship and, afterwards, for the legal prescription period. In no event VDF will forward the data collected to third parties without the prior and express consent of the client except for the transfers required by Law.

In order to protect the confidentiality and security of the data communicated by the client and prevent its alteration, loss and unauthorized use or treatment, VDF has adopted all technical and organizational measures suitable depending on the data nature.

At any time the client may exercise its rights of access, modification and erasure of the personal data, cancel or limit its processing as well as object to the processing of your data, by sending a request via postal service or e-mail to the data controller. Finally, we inform you that you have the right to file a claim before the responsible data protection regulatory authority, in particular, before the Spanish Data Protection Agency (*Agencia Española de Protección de Datos*).

#### **Compliance and commercialization**

The purchase which sells VDF's products shall pursue a behavior according to the ethical standards that shall conduct the the development of the business activity, acting responsibly and honestly and with integrity in front of its own clients as well as to comply with the regulations in force and, in particular, regulations on users and consumers.

The Purchaser undertakes not to sell nor publicize the products of "Water Logistics Group" in social media as long as the group company's policy in order to protect the final client/consumer is to carry out on-face sales.

The Purchaser will act in its own name and behalf assuming the liability in front of its clients as well as the legal and business risks arising from its activity and shall comply with the legal requirements to carry out such activities.

#### **Jurisdiction and legal competence**

The purchaser agrees to waive its own jurisdiction, and submit himself to the courts and tribunals of Barcelona any action which may derive from failure to respect the aforementioned conditions.

The photographs, images and graphic materials included in this Catalogue are the property of VDF and are covered and protected by the legislative R.D. 1/1996, April 12th, according on the Intellectual Property Law.

Third parties shall not use the images included in the above mentioned catalogue, including copy, manipulation, distribution or public communication, without having previously received an authorization or expressed consent from VDF.

Failure to comply with the prohibition will entitle VDF to exercise the actions envisaged in the legislative R.D. 1/1996, April 12th, and to adopt the provisional remedies envisaged in the law.

Likewise, any attempt to imitate the mentioned catalogue without the express authorization from VDF will be considered as an act of unfair competition, and will entitle the company to exercise the actions envisaged in Law 29/2009, December 30th, according to which the legal provisions of unfair competition and advertising for the improvement of the protection of consumers and users are modified.

VDF will disseminate the catalogue and the general conditions to the distributors and purchasers of its devices. It is understood that such distributors or purchasers accepts such general conditions when placing an order or any other commercial activity with the company.

WE RESERVE THE RIGHT TO INTRODUCE TOTAL OR PARTIAL VARIATIONS IN OUR PRODUCTS FOR COMMERCIAL OR MANUFACTURING CIRCUMSTANCES WITHOUT PRIOR WARNING. THIS GENERAL CONDITIONS MAY BE MODIFIED BY INFORMING THROUGH ITS WEBSITE OR ANY OTHER MEDIA.

COMMENT AND PHOTOGRAPH FIELDS ARE NOT CONTRACTUAL.

CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE	CODE	PAGE
91902	122	203020	48	210200	43	233000	204	243200	253
138800	139	203021	48	210900	45	233600	205	243300	253
190900	35	203022	48	211000	45	233700	205	243400	253
191000	35	203023	48	211100	45	233800	205	243402	252
191101	35	203024	48	211200	45	233900	205	243405	254
191201	35	203025	48	211300	41	234000	205	243406	253
191301	35	203026	48	211400	41	234400	206	243407	254
192200	36	203027	48	211500	41	234500	206	243600	294
192300	36	203028	48	211700	41	234600	206	243700	298
192600	36	203029	48	211800	41	234800	206	243800	299
192700	36	203030	48	211900	41	234900	206	243900	298
192900	36	203031	48	212000	47	235000	206	244000	295
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262703	203	268208	221	289508	174	291920	118	293500	151
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295506	157	304101	319	316500	322	341100	139	576800	318
295507	157	304103	319	316600	322	346600	325	577200	157
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950025	186	950725	182	951406	181	952308	168	956005	176
950026	186	950726	182	951417	181	952308	189	956006	176
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950219	182	950937	187	951920	183	952409	188	956031	176
950358	186	950938	187	951921	183	952412	188	956033	176
950359	186	950939	184	951922	183	952413	188	960023	67
950360	186	950940	184	951923	183	952500	177	960024	67
950361	186	950941	184	951924	183	952501*	177	960029	73
950362	186	950942	184	951925	183	952504*	177	960030	73
950363	186	950943	184	952010	182	952505*	177	960031	64
950364	186	950944	184	952012	182	952506*	177	960032	64
950365	186	950945	184	952013	182	952507*	177	960054	68
950366	186	950946	187	952016	183	952508*	177	960087	66
950367	186	950947	187	952017	183	952509*	177	960091	73
950368	186	950948	187	952018	183	952510*	177	960176	66
950369	186	950949	187	952019	183	952511*	177	960177	66
950370	186	950950	187	952106	181	952527*	177	960177	70
950532	185	950951	187	952107	181	952528*	177	960177	91
950533	185	950952	187	952108	181	952529*	177	960182	59
950534	185	950953	187	952109	181	952530*	177	960183	59
950535	185	950955	184	952211	187	952531*	177	960184	59

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WLG (B-60326279), is member of the Water Quality Association.



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The trading of water treatment and household appliances as well as designing and teaching of non-official training courses related with its technology are certified and comply with the UNE-ISO-9001 far WLG (B-60326279).



WLG (B-60326279) is an Aqua España member, who belongs Aqua Europa (Federation of European nation associations).



WLG (B-60326279), has the rights granted for Authorized Economic Operator with number ESAEOF18000008U6 and 13/02/2018 as a date of entry of the authorization.