







Filtration

02-09 Logico Aqua Pro Logico Aqua Pro Logico Aqua Mini Filtermax Filters FT Line Kinetico Prefilters Cintropur Filters 3-Piece Housing Anti-Scalant dosing device minipol/dosafos Cartridges



Domestic softener

10–15 Ergo Toren Stratos Denver Plus Denver Plus Blue Watermark Rider VD Black VD Meddalsoft



Watermark Series

16-23 WS470 WS490 WS530 WS655 WS755 WS470UF WS530UF WS490UF MTS Programmer MTS-655 MTS-755 Watermarks series simplex 665 Watermarks series simplex 755 Watermarks series 470 Watermarks series 655 Watermarks series 530 Watermarks series 755 Multi-layer automatic filters Activated Carbon Automatic Filters Zeolites Automatic Filters Iron Removal Automatic Filters



Domestic RO

24-37 RO System 600 RO System LATT 600 RO System Levante RO System Altyum RO System Lykke RO System Celer RO System Kube RO System Kube RO System Java RO System Reka 600 RO System K10

RO System 800

RO System Reka 800 RO System Bolt RO System Pacifica RO System Vyrta RO System Strym

RO System Compact RO Infinty

RO Infinty RO Gutzzi RO Wyka RO Versa Faucets 38-45 1-way RO Robin (MF) Hike (MF) Copenhagu Mini Robin (U Pobio

Hike (MF)['] Copenhague Mini Robin (MF) Robin Hike Haru Klein Lewis Store Oslo **2-way RO** Dober (MF) Osaka Seven 3-way RO Forum (MF) Sigma (MF) Ares Forum Ter Altea Esla Mizu Aspe Dion Cosmo Oregon 4-way RO Virka Lander 5-way RO Awa



Starfit 46-47 Acetal Fittings Check Valve In-line Filters



Commercial and industrial RO 48-51

Commercial RO

C500 C700 C1000 C1200 C2200 **Industrial RO** Purecleer Serie PCQ Purecleer Serie PCB Purecleer Serie IFS Purecleer Serie IFS



Direct Sales

52-53 Sanitizing Case Double Demostration Reagents Portable meters Universal adaptor Hydron demo case Analysers and accessories Neatwork product

5 Stages RO

RO Proline Plus RO Ros RO Logico Aqua Consumables Electronic components Filter components



73

Ultraviolet System **70-73** UV0240LH UV Compact 39 UV0480LH UV1200LH UV1700LH UV3300LH UV5800LH UV12000LH Equipo UV LED





Dosing and control instrumentation 4-75 Dosing pumps

Measuring and regulation system



Columbia Water Dispensers

58-67 CS-20 FC-325 FC-400 FC-425 FC-525 FC-530 FC-550 Fact FC-630 FC-725 FC-750 FC-900 FC-1050 FC-1300 FC-1700/1750/1800 FC-2050 FC-2100 FC-2200 FC-2210 FC-4300 Columbia Soda UPPER CS-35 CS-55 Accessories and spare parts

17

Horeca

68-69 Dispensing equipment Dispenser tower Faucets Bottles Runbott



Components

76-77 Bottle for softenning and filtration Brine tanks Diaphragm valves Brass solenoid valve Membrane housings RO Membranes Multicellular pumps Motors for rotary pumps Ion exchange resins Analysers and test kit



General condition 78-81

Conversion tables Analysis form

GICOAQUA



LÚGICOAQUA

The Logico 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.





There are three possible Logico Aqua Packs depending on the type of kitchen you have:

- Direct Pack

- 1-way pack

- Pack 3-way

For more information on **Logico Aqua**, components and spare parts, scan this QR code.



4

LOGICO AQUA PRO

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 Logico 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.

For more information on **Logico Aqua Pro**, components and spare parts, scan this QR code.



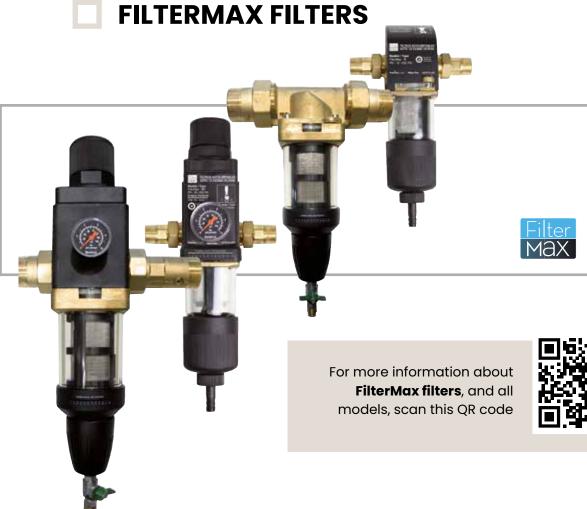


LOGICO AQUA MINI

Ultra-compact filter. Removes impurities accumulated in the water.

For more information on Logico Aqua Mini, components and spare parts, scan this QR code.





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.

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...



For more information about **FilterMax Basic**, and all models, scan this QR code



FT LINE



FT-Line is a line of bayonet filters complete with filter, holder and complete with filter, support and accessories. Suitable for small domestic, vending, horeca and industrial applications. Various filtration applications, carbon, resin and polyphosphate.







For more information on **FT Line**, components and spare parts, scan this QR code



KINETICO PREFILTERS

Protect your domestic system against substances such as rust particles, sand grains and other deposits. The kit consists of:

- The high quality brass head provides a high-end look and solidity, durable in use.

- The filter housing is made of reinforced material using a special formula, able to withstand freezing temperatures (-30°C without the housing bursting).

- The burst test pressure is over 50 bar, the cycle test is over 150,000 times operated at 12 bar.

- The transparent filter housing keeps the filter status visible.
- No filter replacement and maintenance costs.
- Forged connections of environmental brass, safe to use.
- Modular vertical-horizontal installation connection included.





For more information about **Kinetico Prefilter**, and all models, scan this QR code





CINTROPUR FILTERS

Polypropylene head and nut. Reinforced brass thread. SAN cup. Manual air vent.

The centrifugal propeller system allows the sediment to descend to the bottom of the tank and then be easily evacuated through the drain.

The ACS certification allows it to be used in a large number of applications, in particular food applications.





For more information about **Cintropur Filters**, scan this QR code





Polypropylene head and nut. Reinforced brass thread. SAN cup. Manual air vent.

For more information about **3-Pieces housing**, scan this QR code





ANTI-SCALANT DOSING DEVICE MINIPOL/DOSAFOS

Protection of washing machines and dishwashers against limescale build-up, easy to install and very economical. The polyphosphate load will gradually dissolve; refill before completly emptying.

Refilling must be carried out by an authorised service technician (SAT).



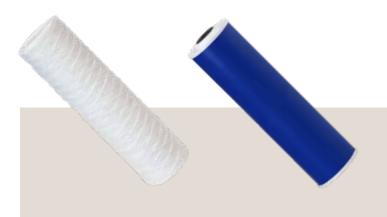
For more information about **Minipol and Dosafos**, scan this QR code



Pleated polyester cartridge. High chemical resistance. Perforated rigid polyethylene central tube. Filter media: polyester non-woven fabric.

Core: polypropylene.





For more information about **spare parts**, scan this QR code



NON ELECTRIC

ERGO

Environmentally friendly water softener with low water and salt consumption.

Contains a bypass for residual hardness as standard and ERGO valve without electricity, ready to operate with just one turn of a screwdriver.

For more information on Ergo, scan this QR code.







TOREN

The water treatment equipment Toren is a high performance hydraulic countercurrent water softener that will supply you and your family with highly quality water.

Range of water softeners with a choice of two capacities;

· Toren 8 · Toren 11

> For more information on Toren, scan this



QR code.

ELECTRIC

STRATOS

The Stratos HE 25 range of water softener is designed to offer maximum comfort and durability. It HE ELECTRONIC DEMAND operating system reduces salt and water consumption by 50% compared to standard equipment and is environmentally friendly. Stratos includes as standard: isolation by-pass for maintenance operations, residual hardness mixer and safety brine control buoy.

For more information on **Stratos**, scan this QR code.







DENVER PLUS

New generation water softener has an attractive cabinet with sliding salt cover and integrated programmer.

It incorporates a volumetric valve for easy programming.

For more information on **Denver Plus**, scan this QR code.

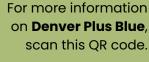


ELECTRIC

DENVER PLUS BLUE

Denver Plus Blue compact and volumetric water softeners are designed to offer maximum comfort and durability with low salt and water consumption. It is a range committed to the environment. Denver Plus Blue includes equipment composed of a PRFV bottle with upper and lower ABS distributors and a polyethylene cabinet, Denver 180 valve, isolation by-pass and residual hardness mixer integrated in the head.







WATERMARK

Watermark energy-saving water softeners with an innovative, elegantly designed cabinet with sliding salt cover and interactive multi-colour display.

High efficiency counter-current regeneration for lower water and salt consumption and improved treated water quality. The unit consists of a PRFV bottle with ABS top and bottom distributors and a polyethylene cabinet.

> For more information on **Watermark**, scan this QR code.



1. WaterMark 30 water softener

2

2. Filtermax pre-filter

3. Drain

3

Max

S.L.

4

1

 By-pass assembly with quick-connect fitting
mm Starfit.

ELECTRIC

One of the best-selling water softeners on the market. Its reliable technology (piston valve) and robustness make it very resistant over time.

The easy and intuitive programming allows you to choose between volumetric, chronometric or mixed mode.

It is perfect for today's homes.



For more information on **Rider**, scan this QR code.



VD BLACK

The VD Black 20 softener has the technology which facilitates its installation and maximizes its reliability.

The Direct Access system makes programming easier and guarantees correct start-up. VD Black 10 incorporates the revolutionary Saving system. The most modern descaling technology is applied to VD Black 20.

> For more information on **VD Black**, scan this QR code.



ELECTRIC

The VD 12 softener has the latest technology which facilitates its installation and maximizes its reliability.

Range of water softeners with a choice of three capacities;

· VD 8 · VD 12 · VD 18

For more information on **VD**, scan this QR code.



MEDDALSOFT

Equipment composed of PRFV bottle with upper and lower distributors in ABS and cabinet in polyethylene. Meddalsoft valve, electronic programmer with delayed regeneration option.

Range of water softeners with a choice of three capacities;

- · Meddalsoft 11
- · Meddalsoft 22
- · Meddalsoft 30



For more information on **Meddalsoft**, scan this QR code.

WATERMARK SERIES VALVES

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WS470
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Multi-port valve for countercurrent softening and filtration applications. Compact and functional design. Intuitive electronic programmer. Made of high resistance Noryl and controlled by horizontal piston.







WS490

Multi-way valve for duplex descaling applications. Composed of a main and a secondary head, built in high resistance Noryl and controlled by a horizontal piston. Countercurrent regeneration.



WS530

High-performance multi-port valve designed for countercurrent softening and filtration applications. Compact and functional design. Designed for applications where a high flow of treated water is required. Made of high resistance Noryl.



WATERMARK SERIES VALVES



WS655

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.

Easy maintenance: easy access to pistons and other internal regulators. Advanced electronic programmer with multi-colour icons.

Easy and convenient programming.





WS755

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.

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.

WATER SOFTENERS

WS470UF

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.

> For more information on **WS470UF**, scan this QR code.







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.

> For more information on **WS490UF**, scan <u>this QR code.</u>



WS530UF

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.

> For more information on **WS530UF**, scan this QR code.

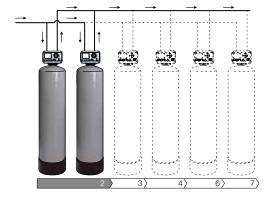


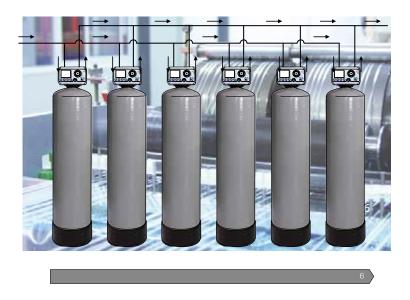


WATERMARK SERIES MULTI-TANK

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.





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...)



WATERMARK SERIES MULTI-TANK



For more information on **Watermark series 655**, scan this QR code.



WATERMARK SERIES 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.



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.



For more information on **Watermark series 755**, scan this QR code.



WATERMARK SERIES 470, 530, 655, 755

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.

WATERMARK SERIES 655

Valve WS655UF : Standard regeneration, advanced electronic programmer, 1 ½" connection.





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



Valve W\$755UF: Standard regeneration, advanced electronic programmer, 2" connection.

For more information on **Watermark** Series 470, 655, 530, 755, scan this QR code.



WATERMARK SERIES AUTOMATIC FILTERS



MULTI-LAYER AUTOMATIC FILTERS

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



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.





For more information on Watermark series Automatic Filters, scan this QR code.



WATERMARK SERIES AUTOMATIC FILTERS



ZEOLITES AUTOMATIC FILTERS

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



IRON REMOVAL AUTOMATIC FILTERS

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





For more information on **Iron** Watermark series Automatic Filterss, scan this QR code.



] RO SYSTEM LÄTT 600

RO LÄTT is the latest and most modern reverse osmosis equipment. Its careful design and its versatility are able to adapt to any house. Ultracompact RO and suitable for any place.

> For more information on **RO System LATT**, scan this QR code.







RO SYSTEM ALTYUM

Low cost of maintenance. Long life of filters and membrane. Great design and versatility. It removes 99,9% of heavy metals, chlorine, bacteria, organic elements, etc. Ultracompact RO and suitable for any place. Without water tank.

For more information on **RO System Altyum**, scan this QR code.



RO SYSTEM LEVANTE

Without water tank. Low cost of maintenance. 5 filtration stages system Installation kit. Smart tap with status warnings. High performance RO membrane Integrated hydraulic circuit. Easy maintenance.

For more information on **RO System Levante**, scan this QR code.





RO SYSTEM LYKKE

Without water tank. Low cost of maintenance. Long life of filters and membrane. Great design and versatility. It removes 99,9% of heavy metals, chlorine, bacteria, organic elements, etc. 5-stage equipment.

> For more information on **RO System Lykke**, scan this QR code.







RO SYSTEM CELER

Advanced direct flow RO system. Unlimited instant water . Without accumulation tank. Electronic faucet. Quality water and filter lifespan warnings. Ultracompact RO and suitable for any place.

> For more information on **RO System Celer**, scan this QR code.





Nice Direct Flow system suitable for all kitchens. Low cost of maintenance. Long life of filters and membrane. Great design and versatility.

> For more information on **RO System Indika**, scan this QR code.





RO SYSTEM KUBE

Everything in one filter. Smart design. Advanced direct flow RO system. Unlimited instant water . Without accumulation tank.

For more information on **RO System KUBE**, scan this QR code.







RO SYSTEM JAVA

The latest and most modern reverse osmosis equipment. Its careful design and able versatility are designed to adapt to any house. Ultracompact RO and suitable for any place.

> For more information on **RO System Java**, scan this QR code.





RO SYSTEM REKA 600

Without water tank. Low cost of maintenance. Long life of filters and membrane. Great design and versatility. It removes 99,9% of heavy metals, chlorine, bacteria, organic elements, etc.

> For more information on **RO System Reka** 600. scan this OR code.







RO SYSTEM K10

K10 Direct Flow RO is square, compact and carefully designed to fit perfectly under the sink in almost any kitchen. It combines a high capacity to produce pure water with a minimum amount of rejected water. This results in high water savings and more sustainable operation.

> For more information on **RO System K10**, scan this QR code.





Multifiltration capacity increases the efficiency of the system. Incorporate program. Avoid blockage in the membrane and extend its life span. Alt assures good water quality and better taste.

For more information on **RO System Reka 800**, scan this QR code.



RO SYSTEM BOLT

RO Bolt combines a great capacity to produce pure water with a minimum amount of rejected water. This results in high water savings and a more sustainable performance.

> For more information on **RO System Bolt**, scan this QR code.







RO SYSTEM PACIFICA

The latest and most modern reverse osmosis equipment. Its careful design and its versatility are thought to adapt to any house. Ultracompact RO and suitable for any place.

For more information on **RO System Pacifica**, scan this QR code.



RO SYSTEM VYRTA

Without water tank. Low cost of maintenance. Long life of filters and membrane. Great design and versatility. It removes 99,9% of heavy metals, chlorine, bacteria, organic elements, etc. 5-stage equipment. Installation kit. Intelligent faucet with status messages.

For more information on **RO System Vyrta**, scan this QR code.







RO SYSTEM STRYM

Multifiltration capacity increases the efficiency of the system. Incorporate program. Avoid blockage in the membrane and extend its life span. Alt assures good water quality and better taste.

> For more information on **RO System Strym**, scan this QR code.



COMPACT REVERSE OSMOSIS

RO INFINITY

Infinity is the result of years of experience in the manufacture of reverse osmosis equipment for domestic use. The best design, the best materials and the best configuration of elements make this machine one of the most modern on the market.

> For more information on **RO Infinity** scan this OR code







📘 RO GUTZZI

RO Gutzzi is the result of the study, design and manufacturing created by a multidisciplinary team composed of biologists, engineers, designers and prívate users. We have achieved a compact, modern, simple, easy to-maintain and durable equipment.

> For more information on **RO Gutzzi**, scan this QR code.







COMPACT REVERSE OSMOSIS



] RO WYKA

RO Wyka is the result of much hard work and years of experience in the manufacture of household reverse osmosis equipment. The best design, the best materials and the best configuration of elements make this machine one of the most modern on the market.

> For more information on **RO Wyka**, scan this QR code.





RO VERSA

Designed in every curve for the modern home, VERSA fits into almost any space thanks to its versatility pace thanks to its versatility, which offers the possibility of being placed in multiple positions to avoid pipes, elbows and drains. Installation and maintenance are very easy thanks to its design.

> For more information on **RO Versa**, scan this QR code





TRADITIONAL 5 STAGES REVERSE OSMOSIS

RO PROLINE PLUS

Proline Plus Series. Economy and experience. Reverse osmosis equipment for the production of weakly mineralised water specifically for the hotel and catering industry.

> For more information on **RO Proline**, scan this QR code.







RO ROS

Traditional system with high quality components. Economy and experience. Reverse osmosis equipment.

> For more information on **RO Ros**, scan this QR code.





I RO LOGICO AQUA

Reverse osmosis equipment for the production of water with weak mineralisation. 5-stage unit (5 µm filtration, double BLOCK carbon, membrane and remineralising post-filter). Installation kit. Tap with ceramic valve. Encapsulated 50 GPD membrane. Steel tank with plastic coating.

> For more information on **RO Logico Aqua**, scan this OR code.



COMPONENTS AND SPARE PARTS



ELECTRONIC COMPONENTS

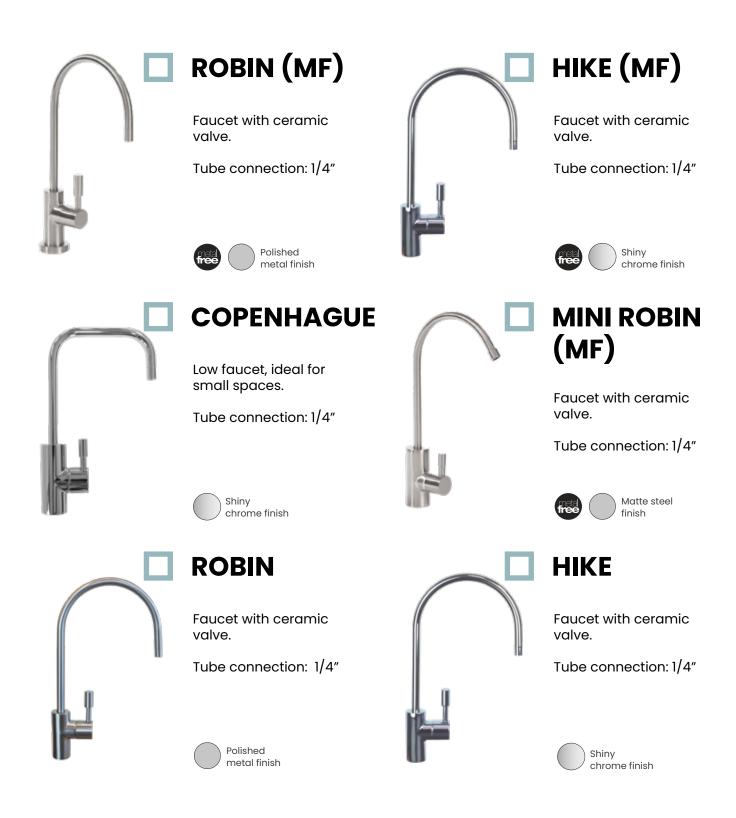


FILTER COMPONENTS



For more information on components and spare parts, scan this OR code.





or more information on **Faucets**, scan this QR code.





or more information on **Faucets**, scan this QR code.







2-way faucet with 2 ceramic valves

Tube connection: 1/4"







2-way faucet with 2 ceramic valves

Tube connection: 1/4"

Shiny chrome finish



SEVEN

2-way faucet with 2 ceramic valves

Tube connection: 1/4"



Polished stainless steel finish.





or more information on **Faucets**, scan this OR code





or more information on **Faucets**, scan this QR code.







5-WAY REVERSE OSMOSIS FAUCET



or more information on **Faucets**, scan this QR code.



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. A connections can be assembled & disassembled repeatedly. A broad of sizes covers a broad scope of applications.

Color. White (Acetal). O-ring. NBR.

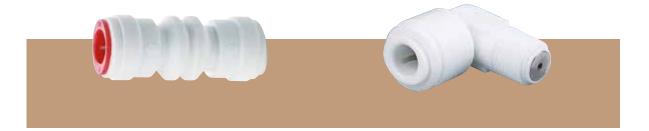


STARFIT[°] *DMfit*[°]

ACETAL FITTINGS











For more information on **Starfit**, scan this QR code.



COMMERCIAL RO

🔲 C500

COMMERCIAL RO SYSTEM C-500.

Including a prefiltration made of (sediment 5μ m, 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.

> For more information on Commercial RO 500, scan this QR code.







C700

Including a prefiltration made of (sediment 5μ m, 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.

For more information on **Commercial RO 700**, scan this QR code.



C1000

Commercial 1000 is a maximum efficiency device. This means that the performance is much higher. Thanks to its 1000 GPD membrane, the amount of water wasted is much lower than in conventional osmosis systems. This means more water savings, less waste water generation and lower energy consumption.

Equipment with a 100% sustainable operation.

For more information on **Commercial RO 1000**, scan this QR code.





COMMERCIAL RO

C1200

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.

For more information on **Commercial RO 1200** , scan this QR code.







C2000

Advanced direct flow RO system. Unlimited instantly water . Without accumulation tank. Electronic faucet. Quality water and filter lifespan warnings. Ultracompact RO suitable for any place. Washing system with osmosis water that guarantees a longer life of the membranes and low mineralisation water from the first moment after each stop. Easy and convenient. Its design is designed to facilitate maintenance with easy-opening side panels.

> For more information on Commercial RO 2000, scan this QR code.



INDUSTRIAL RO



Equipment designed for a brackish water.



PureCleer Series equipment designed for domestic, collective and semi-industrial applications. High performance, functionality and versatility to adapt to the needs of any company or business.

PURECLEER SERIE PCB

Equipment designed for a brackish water.





For more information on Industrial RO System, scan this QR code.

INDUSTRIAL RO

PURECLEER SERIE PCM

Equipment designed for a brackish water.







Equipment designed for a sea water.

Equipment designed for a brackish water.





For more information on **Industrial RO System**, scan this QR code.





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 the whole sanitation process automatically.















UNIVERSAL ADAPTOR



For more information on , **Direct Sales** , scan this QR code.



HYDRON DEMO CASE



ANALYSERS AND ACCESSORIES







or more information on , **Direct Sales** , scan this QR code



HYDRON 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.

For more information on **Hydron**, scan this QR code.





HYDROGEN

Ο ΑΤΟΜ

Hydrogen generator with PEM membrane. Pure hydrogen production, without ozone mixing. System for fine adjustment of the flow rate-dissolved hydrogen ratio. In-line operation, no internal accumulation.

Automatic cell cleaning by polarity inversion.



For more information on **Atom** , scan this QR code.





HAKTIVA PLUS

Hydrogen generator system, easy to use and install, compact and ideal for small productions.

For more information on **Haktiva Plus**, scan this QR code.



LAUNDRY 400

OZONGUARD LAUNDRY SYSTEM

Ozonguard Laundry-400 uses the cleaning power of active oxygen to do your laundry more efficiently than soap, detergent or other ionising equipment, while remaining environmentally friendly. It removes pesticides, fungi, organic matter, contaminants and viruses. In addition, it is 100% toxic free, without adding pollutants to the water or the environment.

For more information on Laundry 400, scan this QR code.





LAUNDRY 400

OZONGUARDLAUNDRY SYSTEM

LAUNDRY 500

Ozonguard Laundry-500 uses the cleaning power of active oxygen to perform your laundry more efficiently than soap, detergent or other ionizing equipments, always remaining respectful with the environment.

Removes pesticides, fungi, organic matter, pollutants and viruses. In addition, it is 100% toxic free, without adding pollutants to the water or the environment.



For more information on **Laundry 500** , scan this QR code.





LAUNDRY 600

Active oxygen is a powerful disinfectant, bleach, purifier and deodoriser.

It is the most powerful ecological disinfectant in the world. It destroys germs, bacteria and fungi faster and more effectively than chlorine. It also has a deodorising effect, eliminating the substances from which bad odours emanate.

For more information on **Laundry 600**, scan this QR code.



CS-20

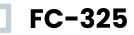
Equipment suitable for domestic use, offices, pubs and cafes. Available with connection to the network or a built-in tank in the equipment. ABS table-top dispenser. No installation required.

> For more information on **CS-20**, scan this QR code.









Countertop water dispenser. Ideal for home and business. LED multifunction information system.

> For more information on **FC-325**, scan this QR code.







Free standing water dispenser. Filtration water dispenser. Cold, hot and room temperature water.

For more information on **FC-400**, scan this OR code.



<section-header>





Cold, hot and room temperature. Avalailable in Ultrafiltration and reverse osmosis system.

For more information on **FC-525**, scan this QR code.





Countertop water dispenser. Ultrafiltration Water Dispenser. Cold, hot or room temperature water.

> For more information on **FC-530**, scan this OR code





FC-550 Fact

Table-top dispenser. Cold, hot and room temperature. Ultrafiltration system.







Countertop water dispenser. Ideal for home and business. LED multifunction information system. Security system for hot water. Equipment with reverse osmosis system and pump.





FC-725

Free standing water dispenser. Filtration water dispenser. Cold, hot and room temperature water. Water dispenser for home and office use. Modern and trendy design, great supply capacity. Easy maintenance filtration system.

on FC-725,







FC-750

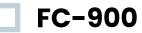
Free standing water dispenser. Ideal for home and business LED multifunction information system. Equipment with filtration, ultrafiltration and reverse osmosis system. Cold and hot water.

> For more information on **FC-750**, scan this QR code.









Standing water dispenser, with two temperature options and a modern and contemporary design. Ideal for homes and businesses.

> or more information on **FC-900**, scan this QR code.





Free standing water dispenser.

Equipment with filtration, ultrafiltration and reverse osmosis system.

Cold and hot water.

For more information on **FC-1300**, scan this OR code





FC-1750/FC-1750 2 pedals

Free standing water dispenser. Equipment with filtration, ultrafiltration and reverse osmosis system.

For more information on **FC-1700/1750/1800**, scan this QR code.







FC-2050

Free standing water dispenser with two dispensers; cold and ambient water. Equipment with filtration, ultrafiltration and reverse osmosis system.

For more information on **FC-2050**, scan this QR code.





Wall fountain with a single water dispenser perfect for public spaces such as offices or schools.

> For more information on **FC-2100**, scan this OR code.





FC-2200

Wall fountain with double dispenser tap to drink directly and to fill bottles at the same time.

For more information on **FC-2200**, scan this QR code.







FC-2210

Hot and cold water dispenser for home and office use. Modern design and great supply capacity. Includes a state-of-the-art, easy maintenance filtration system.

For more information on **FC-2210**, scan this QR code.







Floor water dispenser with Reverse Osmosis system that dispenses cold and hot water.

For more information on **FC-4300**, scan this QR code.



COLUMBIA SODA UPPER

COLUMBIA WATER DISPENSERS

Desktop cold, ambient and sparkling water dispenser equipment.

Columbia Soda Upper offers great production of cold water, at room temperature and with gas, so that enjoy a good glass whenever you want.The result is freshly filtered water, rich in all its beneficial components for our body.

For more information on **Columbia Soda UPPER**, scan this QR code.







CS-35

Cold water, environment and gas.

Office equipment, bars, cafes and small restaurant. Desktop dispenser.

Electronic.

For more information on **CS-35**, scan this QR code.









Cold water, environment and gas.

Equipment for collectivities and medium restaurants. Desktop dispenser.

Electronic.

For more information on **CS-55**, scan this QR code.



ACCESSORIES AND SPARE PARTS



A DESCRIPTION OF THE OWNER OF

HORECA

EQUIPMENT SUITABLE FOR OFFICE, PUBS AND RESTAURANT

co

bia

columbia

Pure filtered and balanced water of the best quality, which could solve the stock management in your restaurant. Our HORECA dispensers will be a good solution for you. Nowadays, the adjustment of prices in restaurant menus, the "all inclusive" or free buffet, makes economizing and offering at the same time a good product the best solution.

For more information on Horeca, scan this QR code.





ULTRAVIOLET SYSTEM

UV0240LH

Ultraviolet electromagnetic lamps ideal for the elimination of germs and bacteria located in the water. They improve the performance and effectiveness of teams.







UV0480LH





For more information on **Ultraviolet System** scan this QR code.

ULTRAVIOLET SYSTEM

UV1200LH



Ideal for domestic and industrial use.

Advantages: they sanitize the water without the need for chemical products. Low maintenance cost and easy installation.

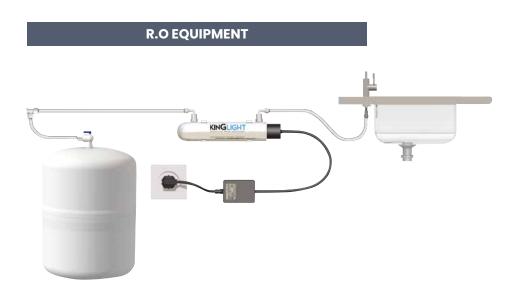


UV1700LH

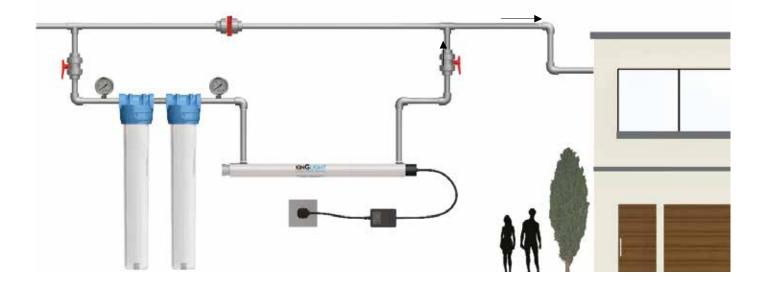


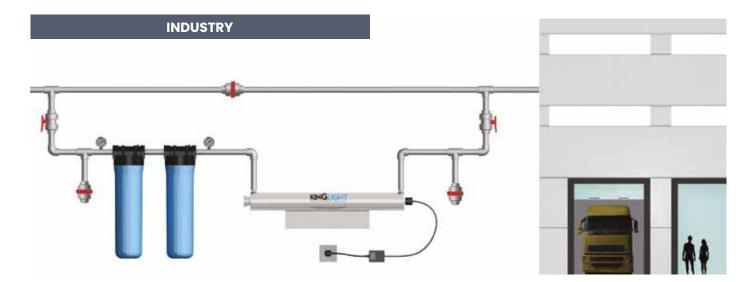
For more information on **Ultraviolet System** scan this QR code.





HOME





ULTRAVIOLET SYSTEM

UV5800LH



UV12000LH





UV LED EQUIPMENT



Equipment for reverse osmosis faucets, ideal for the elimination of germs and microorganisms from the water supplied by UV-C radiation.

> For more information on **Ultraviolet System** scan this QR code.





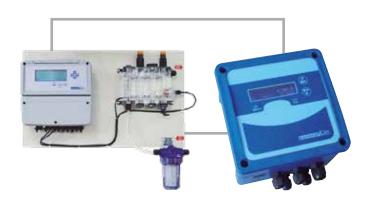
DOSING PUMPS

- 1. Well.
- 2. By-pass.
- 3. Protection filter.
- 4. Pulse-emitter water-meter.
- 5. Junction cable between wa-
- ter-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.



- 1. Tank outlet valve.
- 2. Recirculation pump.
- 3. Check valve.
- 4. Pump outlet valve.
- 5. By-pass
- 6. Sentinel 2
- 7. Junction cable between Senti-
- nel and dosing pump.
- 8. Dosing pump.
- 9. Foot valve.
- 10. Chlorine level control.
- 11. Chlorine tank.
- 12. Injection point.
- 13. Inlet to recirculation tank.
- 14. Water tank.
- 15. Protection and control board
- for recirculation pump.
- 16. Power supply

MEASURING AND REGULATION SYSTEM



For more information on **Dosing and control instrumentation**, scan this OR code.









DIAPHRAGM VALVES **BRINE TANKS**







MEMBRANE

HOUSINGS







For more information on **Components**, scan this QR code.



MULTICELLULAR PUMPS

MOTORS FOR ROTARY PUMPS





ION EXCHANGE RESINS









For more information on **Components**, scan this QR code.



Conversion tables

Hardness

Hardness conversion table

1 miliequivalent	1 French degree	1 English degree	1 American degree	1 German degree	1 ppp CO ₃ 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

	STEM Microsc	ope 4 Scann	ing elec	tron microsco	ope 🖣	Optic	cal microscope	◀ ∨	isible to ⁻	the naked e	eye
Micrometer	lonic range	Molecula	r range	Macromole	 cular range		Microparticle ran	l ge Mac	 roparticle	e range	
(Log scale)	0,0 1		0,01),1 	1,			100	10	
Angstrom units 1 (Log scale)) 20 30 50	100 	1 200 300 500 800	2000 ³⁰⁰⁰ 5	10 8000 000		D ⁵	10 ⁶	1(3 5 8 	
Approx. molecular rate (Saccharide type. Not at scale)	100 20	0 1000 10,000	20,000	100,000	500,000	Ċ					
Relative	Aqueous			men protein Black coal	Pair	nt pigr		cells Car	bil-lary		
size of	Atomic radius	Endotoxi	n/Pyroge	n			Bacterium			Beach sand	
common		Sugar		/irus			Thin powder for	AC tests	4		
materials		Jugai		1103	-		Thin powder for	A0 16313	1	Granular ac	
matorialo	Metal ion			Tobac	co smoke		Grou	nd flour		carbo	n
		Synthetic dye									
					Latex/F	mulsi	on			Bed	
	Pes	sticide	Collo	idal silica		Blue	indigo dye Red cells blood	Pollen		ion ex. resin	
	Her	bicide			Asbestos		bioda	Humar	n hair		
				Gelatine			Carbon	powder]		
								ardia Cyst	Fog		
Drogogo for	REVERSE OSMOSIS (Hyperfiltration)	3	JLTRAFIL	TRATION				FILTRATION OF F	PARTICLE	S	
Process for separation		NANOFILTRATIO	ON			TION					
Note: 1 Micron (μ) (1 x 10 ⁻⁶ Meters) 1 Angstrom = 10 ⁻¹⁰ Meters = 10 ⁻⁴ Micrometer (Micron) = 0.1 Nanometer						neter					

Analysis form

NAME OF CLIENT:			
REFERENCE:			
ANALYSIS NO .:	SAL	ESPERSON:	
ARRIVAL DATE:	ANA	ALYSIS DATE:	
WATER FROM: NETWORK W	/ELL SURFACE	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
[N0 ₃] / 50 + [N0 ₂] / 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 ℃		2500	_S/cm
TDS		/	mg/l
TOTAL IRON		200	µg/l
FERROUS IRON (Fe ² +)		/	mg/l
LANGELIER INDEX 20 °		- 0.5 / + 0.5	/
MANGANESE		50	µg/l
ODOUR		/	/
рН		6.5 / 9.5	pH units
SULPHATES		250	mg/l
TURBIDITY		5	UNF
OTHER PARAMETERS	RESULT	MAXIMUM VALUE	UNITS

OTHER PARAMETERS	RESULT	MAXIMUM VALUE	UNITS
TOTAL ALKALINITY		/	mmol/l
PARTIAL ALKALINITY		/	mmol/I
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 ₂ /I
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. 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 3 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 techincal 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 Vallès. 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.

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 con-

duct 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 MAN-UFACTURING 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 CONTRAC-TUAL.



