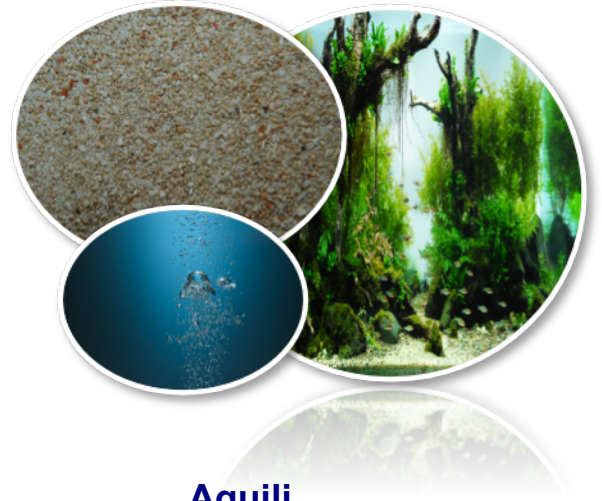




Aquili.it

PRODOTTI
DI ALTA QUALITÀ
A BUON PREZZO

Via Abruzzi, 10 – 60030 Monsano (AN) – Italia
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P.IVA IT00423770429



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WATER TREATMENT



Water Conditioner

Water conditioner for fresh and sea water works immediately, turning tap water into water suitable for the life of fish.

- permanently bonds heavy metals
- neutralises chlorine
- colloidal content provides comfort and protection
- adds iodine, magnesium and all B-group vitamins

Also available in the special 2000 ml package suitable for owners of large aquariums.
Retailers can use one dose per bag with fish to ensure their well-being during transport.

Dose: 5 ml for 25 liters of water

- ml 75 (BIO001)
- ml 125 (BIO002)
- ml 250 (BIO003)
- ml 1000 (BIO005)
- ml 2000 (BIO006)



Water Conditioner RED - for Goldfish

Water conditioner Red for cold-water fish is specifically designed for low temperatures works immediately, turning the tap water into water suitable for the life of fish.

- permanently binds heavy metals and neutralises chlorine
- protects with colloidal substances the sensitive parts of fish
- adds iodine, magnesium and all the vitamins of the B group.

Dose: 5 ml for 25 liters of water

- ml 125 (BIO008)
- ml 1000 (BIO034)
- ml 2000 (BIO035)



Special Packaging

Water Conditioner ml 75 + Bacterium Plus 10 capsules (OFBIO3)

Water Conditioner ml 125 + Bacterium Plus 20 capsules (OFBIO1)

Water Conditioner ml 250 + Bacterium Plus 40 capsules (OFBIO2)

Bacterium Plus

BIO012 - 20 capsules

BIO011 - 40 capsules



Bacterium E Plus has the same characteristics as the Bacterium E (decomposition of NH_3 NO_2 NO_3), but, at the same time, is truly innovative because it is the first biological activator that works effectively on Phosphates, both in fresh and salt water aquariums. All laboratory tests have shown the effectiveness in all conditions and with any kind of aquarium. The results are striking and immediately verifiable within 24 hours of introducing Bacterium E Plus into your aquarium.

Bacterium E Plus is a Biological Activator that:

- Provides fast activation of the biological filter.
- Activates and accelerates the decomposition of the nitrogen compounds - ammonia (NH_3), nitrites (NO_2), nitrates (NO_3) and phosphates (PO_4)
- With its selective and antagonist action, it reduces the risk of diseases and fights algae.
- Restores bacterial flora.
- Is effective even in fresh and salt water aquariums.

Each pack of Bacterium E Plus contains 12 capsules of 1 g. and one capsule is enough for aquariums up to 200 litres (for smaller aquariums still use 1 capsule because there is no risk of overdose). In case of low pollution, for a milder action use 1 capsule every 400 liters. Warning: when introducing Bacterium E Plus into the aquarium, do not use biocides, such as ozone or ultraviolet

WATER *Plus*
CONDITIONER
+ 20% ALORE VERA

Plus

Water Conditioner with 20% Aloe Vera
Water conditioner + Antistress and Moccus Protection

Works immediately, turning the tap water into water suitable for the life of fish.

- permanently bonds heavy metals
- neutralises chlorine
- colloidal content provides comfort and protection
- adds iodine, magnesium and all B-group vitamins.
- Aloe Vera protects and regenerates mucous and skin of fish
- Helps the small wounds or inflammations to heal with a broad spectrum of action and important healing effects.

To be used for water changes.

Dosage 1 or 2 times a day after stressful situations (transport, manipulations ...) or in case of infections. It can be used both in the aquarium and in special tanks for healing baths.

Doses: 5 ml every 25 liters of water

- ml 125 (BIO081)
- ml 1000 (BIO083)

- ml 250 (BIO082)
- ml 2000 (BIO084)



Enzyme

BIO016 - 12 capsules

BIO015 - 24 capsules

Enzymes are biological catalysts which speed up chemical reactions among molecules and reduce the activation energy.

Enzyme, a concentrated and selected blend of enzymes, increases the rate of biological reactions and in particular it assists and accelerates bacteria reactions.

Combined with Bacterium E biological activator, which is also a blend of bacteria and enzymes, Enzyme enhances its performance.

Use Enzyme for:

- Aquariums and new systems - it helps attaining the optimal conditions for the filtering system.
- Aquariums with high pollution levels caused by biological overload - it quickly reduces pollution levels by helping the bacterial action.
- Skimmers - it quickly and visibly increases their effectiveness.

Dose: 1 tab for 100 liters, 6/8 hours before bacterium use



Multivitaminic & AmminoAcids - fresh and sea water

Vitamins and amino acids are essential to the life of fish, plants and sea invertebrates. Vitamins present in water and food are often insufficient and the living organisms in the aquarium are not able to produce the required amino acids.

MultiVitaminic & AmminoAcids brings a balanced and correct quantity of these substances, which are fundamental for a beautiful and healthy aquarium.

With correct levels of vitamins and amino acids, growth is naturally stimulated, colours are strengthened, and good inherent resistance against diseases helps keep all the inhabitants of the aquarium in good health, with natural rates of reproduction. The product is enriched with IODINE, the lack of which, causes serious problems for living beings.

Composition:

Vitamine - A - D - E - C - B1 - B2 - B3 - B5 - B6 - B12 - Folic Acid - Biotin

Aminoacids - 20 different types

Iodine

Dose: 5 ml per 50 litri, twice a week

- ml 75 (BIO085)
- ml 1000 (BIO043)

- ml 125 (BIO022)
- ml 2000 (BIO044)

- ml 250 (BIO014)



DiscusVitamin - fresh water

Vitamins and amino acids are essential to the life of fish and plants. Vitamins present in water and food are often insufficient and the living organisms in the aquarium are not able to produce the amino acids.

Discus Vitamin - **specifically designed for Discus** - brings a balanced and correct quantity of these substances, which are fundamental for a beautiful and healthy aquarium.

Particularly indicated during the reproductive phase, during this period it is recommended daily use.

Composition:

Vitamine - A - D - E - C - B1 - B2 - B3 - B5 - B6 - B12 - Folic Acid - Biotin

Aminoacids - 20 different types

Iodine

Dose: 5 ml per 50 litri, twice a week

During reproduction: 5 ml per 100 liters, every day

- ml 125 (BIO023)
- ml 1000 (BIO046)

- ml 250 (BIO019)
- ml 2000 (BIO047)



CoralVitamin - sea water

Vitamins and amino acids are essential to the life of fish, plants and sea invertebrates. Vitamins contained in water and food are often insufficient and the living organisms in the aquarium are not able to produce the amino acids.

Coral Vitaminic & AmminoAcids - **specifically designed for the sea water** - brings a balanced and correct quantity of these substances, which are fundamental for a beautiful and healthy aquarium.

Composition:

Vitamine - A - D - E - C - B1 - B2 - B3 - B5 - B6 - B12 - Folic Acid - Biotin

Aminoacids - 20 different types

Iodine

Dose: 5 ml per 50 litri, twice a week

- ml 125 (BIO024)
- ml 1000 (BIO049)

- ml 250 (BIO020)
- ml 2000 (BIO050)



Aloe Vera - Antistress and Mucous Protection

Natural extract of Aloe Vera (Aloe Barbadensis Miller).
Healthy mucous and fish skin, plus natural healing of small injuries or inflammation is important for fish health.
Aloe Vera has a wide spectrum of use with important effects amply demonstrated by modern scientific research.

Doses: 5 ml (1 cap) per 25 liters

Use 1 or 2 times a day after stressful situations (transport, manipulations ...) or in case of infections.

You can use it in the aquarium or for medicinal baths in special tanks.

- ml 125 (BIO056)
- ml 250 (BIO057)
- ml 1000 (BIO059)
- ml 2000 (BIO060)



Amazon Water - Humic Acids and Natural Antialgae

Natural peat with acid pH.

Creates a natural environment of rainforest water in your tank.

Amazon Water produces an amber-coloured water (with lower light) with acid pH, providing natural control of clarity and turbidity. It effectively fights the growth of all algae, including those unicellular.

Doses: 5 ml (1 cap) every 25 liters

- ml 125 (BIO051)
- ml 250 (BIO052)
- ml 1000 (BIO054)
- ml 2000 (BIO055)



Light Water - Clarifier & Fosfate Controller

Makes aquarium water clear and bright as it binds the particles in suspension. Combining them and making them fall allow to the filter to remove them. It is immediately effective, the first results can be seen after 2 - 3 hours, water will be completely cleared within 6 -12 hours.

Only for freshwater aquariums.

Light Water can be used with all values of KH.

DOSAGE: 5 ml (1/2 cap) for 10 litres of water; for very soft water and for water low in carbonate (<1° dKH) only use half dose.

USE: to be used when the tank is devoid of transparency and after each water change and/or siphoning of the fund. Allow least 48 hours before another usage.

The cloud created is not harmful for fish and shows that the product effectively works.

- ml 125 (BIO026)
- ml 250 (BIO027)
- ml 1000 (BIO037)
- ml 2000 (BIO038)



pH / KH -

For a controlled reduction of the pH and KH value.

- It reduces the carbonate hardness (KH) bringing it to optimal levels, decreasing also the pH value, determined by KH and CO₂.
- The pH and KH values are progressively modified, so as not to harm the life of fish and plants.
- Most of the ornamental fish prefers water with hardness values carbonate equal to 4 ° dKH and pH levels of less than 7.5

- ml 125 (BIO025)
- ml 250 (BIO010)
- ml 1000 (BIO040)
- ml 2000 (BIO041)



pH / KH +

Increases the value of the total hardness (and alkalinity).

Suitable for all aquariums that require hard and alkaline water such as for African cichlids or viviparous fish.

For best results we suggest using in combination with our pH+ which increases the acidity of water in a selective way.

Doses: 5 ml (1 cap) in 50 liters of water increases the hardness of about 1°.

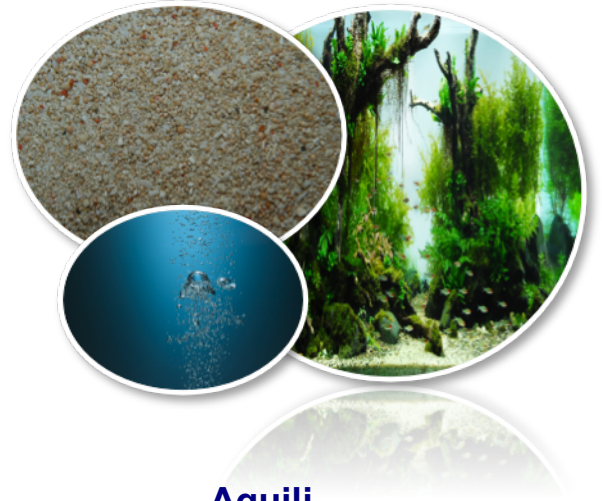
Add the product in the aquarium in the recommended dose.

Measure the KH after two hours; if necessary, repeat the process until the desired KH value is reached.

It is recommended not to increase the total hardness more than 2° per day.

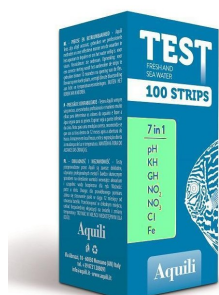
- ml 125 (BIO061)
- ml 250 (BIO062)
- ml 1000 (BIO064)
- ml 2000 (BIO065)

- 125 ml (BIO061)
- 250 ml (BIO062)
- ml 1000 (BIO064)
- ml 2000 (BIO065)



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TEST



Test Strips 7 in 1 Fresh Water pH GH KH NO₂ NO₃ Cl Fe

50 strips (TST037)
100 strips (TST031)



Test Strips 7 in 1 Sea Water pH KH NO₂ NO₃ Cl Ca Fe

50 strips (TST038)
100 strips (TST032)



Test Strips 6 in 1 pH GH KH NO₂ NO₃ Cl

50 strips (TST036)
100 strips (TST033)



Test Strips 5 in 1 pH GH KH NO₂ NO₃

50 strips (TST035)
100 strips (TST034)



Test 5 in 1 - Reagents 18 ml (TST001)

In only one box the 5 main tests for fresh and sea water

Aquili tests are always accurate, use professional and very efficient methods to determine the values in the aquarium and makes the aquarium water safer for the fish.

Precise and Reliable

Contains: 5 liquid reagents 18 ml - 1 powder reagent - doser for powder reagent - 1 serigraphed ampoule, color scale and instructions

Test pH

Reliable and accurate measurement of pH

Test KH

Reliable and accurate measurement of carbonate hardness

Test GH

Reliable and accurate measurement of total hardness

Test NO₂

Reliable and accurate measurement of nitrites

Test NO₃

Reliable and accurate measurement of nitrates



Test 4 in 1 - Reagents 18 ml (TST050)

Test pH Reliable and accurate measurement of pH

Test KH Reliable and accurate measurement of carbonate hardness

Test NO₃ Reliable and accurate measurement of nitrates

Test PO₄ Reliable and accurate measurement of phosphates



Test 4 in 1 - Reagenti 18 ml (TST051)

Test pH Reliable and accurate measurement of pH

Test KH Reliable and accurate measurement of carbonate hardness

Test NO₂ Reliable and accurate measurement of nitrites

Test PO₄ Reliable and accurate measurement of phosphates

TEST ml 18



Single Test - Reagent 18 ml

Aquili tests are always accurate, use professional and very efficient methods to determine the values in the aquarium and makes the aquarium water safer for the fish.
Precise and Reliable

Test pH - Reagent 18 ml - Fresh and Sea Water (TST013)

Contains: Bottle with 18 ml of reagent, serigraphed ampoule with stopper, color scale.

Test KH - Reagent 18 ml (TST014)

Contains: Bottle with 18 ml of reagent, serigraphed ampoule with stopper, color scale.

Test GH - Reagent 18 ml (TST015)

Contains: Bottle with 18 ml of reagent, serigraphed ampoule with stopper, color scale.

Test NO2 - Reagent 18 ml (TST016)

Contains: Bottle with 18 ml of reagent, serigraphed ampoule with stopper, color scale.

Test NO3 - Reagent 18 ml (TST017)

Contains: Bottle with 18 ml of reagent, bottle with powder reagent, serigraphed ampoule with stopper, color scale, doser for powder reagent.

Test PO4 - Reagent 18 ml (TST019)

Contains: 2 bottles with 18 ml of reagents, serigraphed ampoule with stopper, color scale.



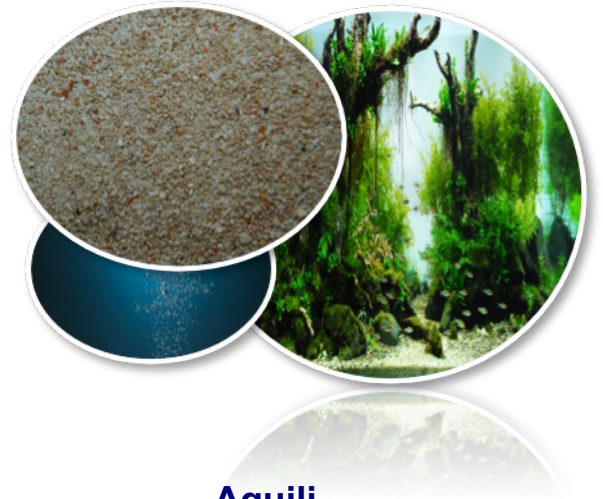
CO2 continuous measurement test Glass Measurement bulb Reagent 18 ml TST012

Contains: Bottle with 18 ml of reagent, glass measurement bulb with sucker, small bubblecounter, color scale.



CO2 continuous measurement test Plastic Measurement bulb Reagent 18 ml (TST021)

Contains: Bottle with 18 ml of reagent, plastic measurement bulb with sucker, color scale.



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CARE OF PLANTS



Liquid Fertilizer for aquatic plants

MAJOR FERTILIZING ELEMENTS FE - Iron Mg - Magnesium Z - Sulfur K - Potassium

MINOR FERTILIZING ELEMENTS Zi - Zinc Mn - Manganese

TRACE FERTILIZING ELEMENTS B - Boron Cu - Copper Mo - Molybdenum Co - Cobalt

TRACE ELEMENTS - NATURAL GROWTH STIMULANTS - IODINE - VITAMINS

Liquid fertilizer for a full action, absorbed directly by leaves.

Maintain lush growth of the water plants and accentuates the brilliance of leaves colour.

Provides to the plants the vital micro-nutrients and the chelated iron, essential for the chlorophyll synthesis.

Does not contain phosphates and nitrates, already abundant in the aquarium, thus limiting the algal growth.

Enriched with iodine and vitamins, which are essential for plant and animal life.

Its effectiveness is enhanced by the presence of natural growth stimulants.

Also available in the special 2000 ml package suitable for owners of large aquariums with many plants.

Dose: 5 ml per 25 litri, twice a week

- 75 ml (FER001)
- 125 ml (FER002)
- 250 ml (FER003)
- 1000 ml (FER005)
- 2000 ml (FER006)



Special Packaging

Liquid Fertilizer ml 75 + 10 tabs (OFF3)

Liquid Fertilizer ml 125 + 20 tabs (OFF1)

Liquid Fertilizer ml 250 + 40 tabs (OFF2)

Fertilizer for roots

FER008 - 20 units

FER007 - 40 units



MAJOR FERTILIZING ELEMENTS FE - Iron Mg - Magnesium Z - Sulfur K - Potassium
MINOR FERTILIZING ELEMENTS Zi - Zinc Mn - Manganese
TRACE FERTILIZING ELEMENTS B - Boron Cu - Copper Mo - Molybdenum Co - Cobalt
TRACE ELEMENTS - NATURAL GROWTH STIMULANTS - IODINE - VITAMINS

- Do not crumbles
- More effective
- Complete Formula

LIQUID FERTILIZER *Plus*
+ 50% more Fe EDTA

Plus

Liquid Fertilizer

Fertilizer for Aquatic Plants with 50% more EDTA Chelated Iron.
Particularly suitable for aquascaping and for all aquariums with many plants

MAJOR FERTILIZING ELEMENTS FE - Iron Mg - Magnesium Z - Sulfur K - Potassium
MINOR FERTILIZING ELEMENTS Zi - Zinc Mn - Manganese
TRACE FERTILIZING ELEMENTS B - Boron Cu - Copper Mo - Molybdenum Co - Cobalt
TRACE ELEMENTS - NATURAL GROWTH STIMULANTS - IODINE - VITAMINS

Complete liquid fertilizer (Fe chelated - Mg - Z - K - Zi - Mn - Trace Elements), absorbed directly by leaves.

Maintains lush growth of the water plants and accentuates the brilliance of leaf colour. Enriched with iodine and vitamins, which are essential for plant and animal life. Its effectiveness is enhanced by the presence of natural growth stimulants. Does not contain phosphates or nitrates.

Doses: 5 m (1 cap) every 50 liters of water - once a week

- 125 ml (FER051)
- 1000 ml (FER053)

- 250 ml (FER052)
- 2000 ml (FER054)



SUBSTRATE FERTILIZER - Fertilizer for bottom FER025

Substrate Fertilizer is a complete fertilizer that provides all the essential minerals and substances required for a luxuriant growth of aquarium plants.

- Mineral Base extra-slow release - rich in minerals and good as plant roots support.
- Akadama (Earth allophones) - mineral base slow release, it maintains soft and porous the substrate thus ensuring ideal roots oxygenation.
- NPK tablets - during the first period, into the aquarium, there are no fish and food which provide basic nutrients for plants; NPK tablets ensure a planned and gradual release, over 15 to 20 days, of Azote-Phosphorus-Potassium (low dose helps plants without creating problems to the aquarium). NPK tablets can be used whenever there is a real need, namely in cases of obvious lack of NPK.
- Fixing Mineral Base - this material, thanks to its special characteristics, interacts with azote and phosphorus in the substrate (and aquarium) blocking them, creating a reserve always available for plant roots. The fixing basis also improves the general aquarium conditions by removing azote and phosphate from the water. This mineral base is very porous too and helps not to compact the substrate, keeping it soft and airy.
- Tablets Fertilizer - Tablets fertilizers with trace elements

A Substrate Fertilizer 2 liter pack is the right quantity for aquariums from 50 to 60 litres.



Amazon Water

Amazon Water - Humic Acids and Natural Antialgae

Natural peat with acid pH.

Creates a natural environment of rainforest water in your tank.

Amazon Water produces an amber-coloured water (with lower light) with acid pH, providing natural control of clarity and turbidity. It effectively fights the growth of all algae, including those unicellular.

- ml 125 (BIO051) - ml 250 (BIO052)
- ml 1000 (BIO054) - ml 2000 (BIO055)



AntiAlgae

Thanks to its unique composition, AntiAlgae eliminates algae quickly and efficiently.

Inhibits the growth of every kind of algae without harming plants.

Instructions for use

- Shake well before using. Recommended dose: 10 ml (1 cap) for every 100 litres.
- Dose daily in the morning, for at least 5 days. Don't exceed the recommended dose.
- Based on the type of algae and the composition of the water, AntiAlgae will have maximum effect in 7-9 days.
- Before and after treatment, physically remove dead algae as it is quite harmful.
- Ensure that the water has the highest oxygen level possible.
- Repeat treatment after 10 days if the algae problem is very serious.

- ml 75 (FER010) - ml 125 (FER012) - ml 250 (FER011)
- ml 1000 (FER013) - ml 2000 (FER014)



Liquid CO₂

Liquid CO₂ is a fertilizer that helps to have strong and lush plants that can compete against algae, and producing conditions to deter growth of undesirable plant-life.

CO₂ is released slowly in 12-18 hours, so product should be used daily.

An important side effect is the considerable reduction of all types of algae; unlike the copper, the active substance decomposes every hour, so there is no danger of bio accumulation in plants, animals or environment.

Recommended dose 1 ml per 50 liters of water once a day; best added in the morning. The maximum dose is 2 ml for 50 l of water.

- ml 125 (FER031)
- ml 250 (FER032)
- ml 1000 (BIO034)
- ml 2000 (BIO035)



CO₂ Tabs

These effervescent tablets release carbon dioxide and nutrients

They supplement normal nourishment to ensure vigorous and luxuriant plant life.

With regular use, they effectively replace any systems in small aquariums using tanks or reagents.

To determine correct use (quantity and frequency) the CO₂ Test Aquili must be placed in the aquarium.

1 tablet per 30/50 litres - 1/2 times per week

CO₂ Tabs

30 tabs (COT301)

60 tabs (COT601)

CO₂ Tabs - slow release

30 tabs (COT30)

60 tabs (COT60)





Tweezers straigth (FER015)

Tweezers curved (FER016)

Scissor straight (FER017)

Scissor curved (FER018)



Tweezers straigth - special steel (FER038)

Tweezers curved - special steel (FER039)

Scissor straight – special steel (FER040)

Scissor curved - special steel (FER041)

Scissor wave - special steel (FER042)



Tweezers straigth - black (FER043)

Tweezers curved - black (FER044)

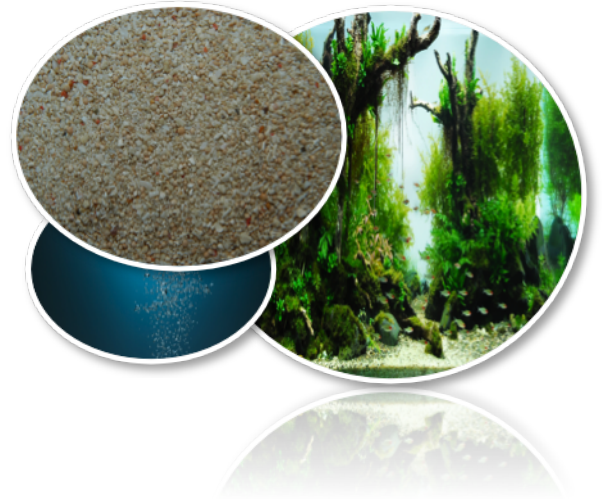
Scissor straight - black (FER045)

Scissor curved - black (FER046)



Algae Scraper (FER023)

Blade as replacement (FER023A)



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CO₂ SYSTEM

CO2SMALL

CO2 SYSTEM with DISPOSABLE CYLINDER 300 g
with PRESSURE REDUCER PISTON WORKING (made in Italy)
(CO2SMALL)

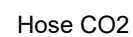
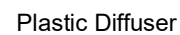
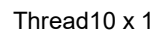


CO2

Carbon dioxide is an essential element for all water plants that assimilate it in its gaseous form. In an aquarium with a balanced CO2 content

- The plants become bigger and stronger, growing luxuriant
- Increase the oxygen content, because photosynthesis is improved
- Optimal Ph level
- No limestone on the leaves and glass

- Decreases the outlet pressure to 2-2,5 bar
- Regulates the capacity flow with the knob for fine setting, supplying the right CO2 quantity (per each aquarium



CO2 PLANTA PLUS

CO2 SYSTEM with DISPOSABLE CYLINDER 600 g
with PRESSURE REDUCER PISTON WORKING with HOLES FOR PRESSURE GAUGES (made in Italy)



Models with:



Reducer with holes for pressure gauges **CO230**



Reducer with high pressure gauge **CO230A**



Reducer with low pressure gauge **CO230B**



Reducer with 2 pressure gauges **CO230D**

All models can be supplied with the aluminium solenoid valve already assembled on pressure reducer (with fittings, without wire/plug)



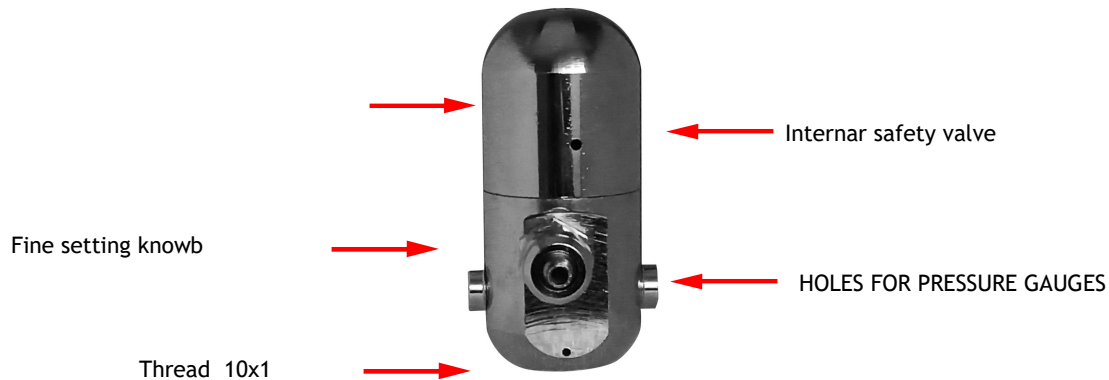
CO2

Carbon dioxide is an essential element for all water plants that assimilate it in its gaseous form. In an aquarium with a balanced CO2 content

- The plants become bigger and stronger, growing luxuriant
- Increase the oxygen content, because photosynthesis is improved
- Optimal Ph level
- No limestone on the leaves and glass

The pressure reducer piston working:

- Decreases the outlet pressure to 2-2,5 bar
- Regulates the capacity flow with the knob for fine setting, supplying the right CO2 quantity (per each aquarium)
- 4 options: without gauges, with 1 gauge (high or low pressure), with 2 pressure gauges



CO2 Test with plastic bulb



Glass Diffuser (CO284)



Disposable Cylinder 600 g (CO215)



Hose CO2 (CO254)



Plastic Check valve (MC023)



Pressure Reducer (CO240)



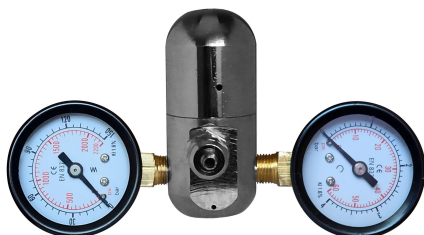
Pressure Reducer with holes for pressure gauges (CO241)



Pressure Reducer with low pressure gauge (CO241B)



Pressure Reducer with high pressure gauge (CO241A)



Pressure Reducer with 2 pressure gauges (CO241D)



Plastic Diffuser (C0287)
Porous insert as replacement (C0297)



Triangular Diffuser (C0284)



Plastic Check Valve (MC023)



Disposable Cylinder

kg. 0,600 thread 10x1 (C0215)

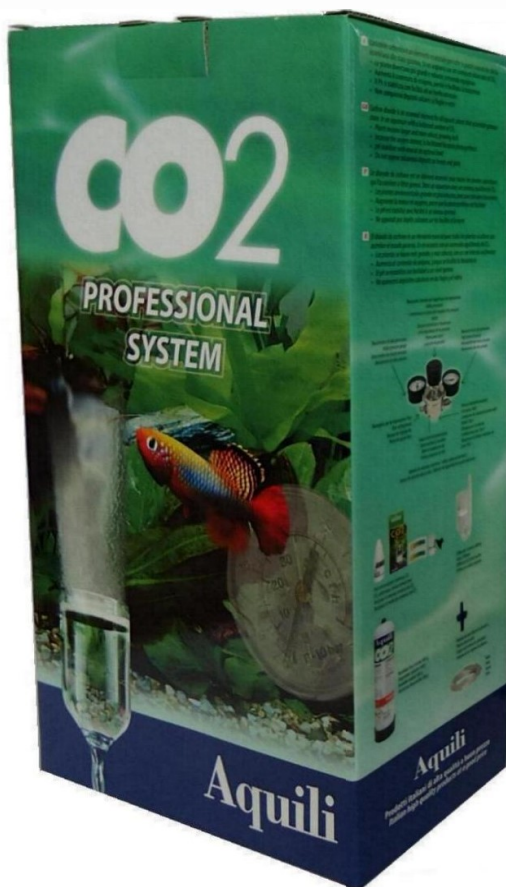
kg. 0,300 thread 10x1 (C0215B)



Mini Reactor (C0299)

CO2 PROFESSIONAL SYSTEM

CO2 SYSTEM with DISPOSABLE CYLINDER 600 g
with PRESSURE REDUCER 2 GAUGES (made in Italy)
(CO225)



CO2

Carbon dioxide is an essential element for all water plants that assimilate it in its gaseous form. In an aquarium with a balanced CO2 content

- The plants become bigger and stronger, growing luxuriant
- Increase the oxygen content, because photosynthesis is improved
- Optimal Ph level
- No limestone on the leaves and glass

The pressure reducer (CO224) has three functions:

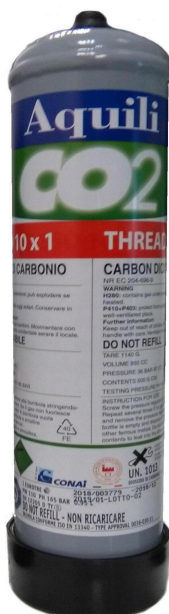
- It opens and regulates the exit pressure with the central knob
- it regulates the capacity flow with the knob for fine setting, supplying the right CO2 quantity (per each aquarium)
- it allows the checking of pressure inside the bottle and the pressure of gas supplied with the pressure gauges



CO2 Test with plastick bulb



Glass Diffuser (CO266)



Disposable Cylinder 600 g (CO215)



Hose CO2 (CO254)



Plastic chekc valve (MC023)

CO2 SYSTEMS with PRESSURE REDUCER 2 MANOMETERS with RECHARGEABLE CYLINDER Kg 0,500

Model CLASSIC (C0255)

- Pressure Reducer with 2 gauges with adaptor for Rechargeable Cylinder
- Rechargeable Cylinder kg 0,500 with support
- Glass Diffuser
- Plastic Check Valve
- CO2 Test with plastic bulb
- CO2 Hose



Model TOP (C0255T)

- Pressure Reducer with 2 gauges with adaptor for Rechargeable Cylinder
- Brass Solenoid valve already assembled on Pressure Reducer
- Rechargeable Cylinder kg 0,500 with support
- Glass Diffuser
- Glass Check Valve and Glass bubble counter
- CO2 Test with glass bulb
- CO2 Hose



COMPLETE SETS with PRESSURE REDUCER 2 MANOMETERS for RECHARGEABLE CYLINDER

Model CLASSIC (C0206)

- Pressure Reducer with 2 gauges
- Adaptor for Rechargeable Cylinder
- Rechargeable Cylinder kg 0,500 with support
- Glass Diffuser
- Plastic Check Valve
- CO2 Test with plastic bulb
- CO2 Hose



Modèl TOP (C0206T)

- Pressure Reducer with 2 gauges
- Adaptor for Rechargeable Cylinder
- Brass Solenoid valve already assembled on Pressure Reducer
- Glass Diffuser
- Glass Check Valve and Glass bubble counter
- CO2 Test with glass bulb
- CO2 Hose





Pressure Reducer without gauges (C0222)



Pressure Reducer with 1 gauge
- with high pressure gauge (C0223A)
- with low pressure gauge (C0223B)



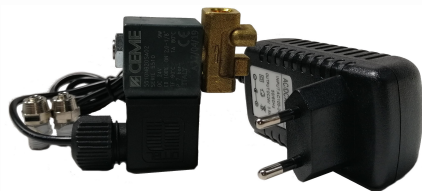
Pressure Reducer with 2 gauges (C0224)



Pressure Reducer with 2 gauges
Suitable for rechargeable cylinder (C0226)



Pressure Reducer with 2 gauges
with solenoid valve assembled (C0227)



**Brass Solenoid Valve 24V DC - 3,5W
with Adapter from 220 V AC to 24V DC
with fittings, wire and Shuko plug
(CO209)**



**Brass Solenoid Valve - 3,5W
with fittings, wire and Shuko plug
(CO210)**



**Aluminium Solenoid Valve - 3,5W
with fittings, wire and Shuko plug
(CO2102)**



Solenoid valves with fitting – without wire and plug

Brass Solenoid Valve 24V DC [CO209A](#)

Brass Solenoid Valve - AC [CO210-1](#)

Aluminium Solenoid Valve 3,5 W - AC [CO2103-](#)

Adaptor from 220V to 24V DC [CO209B](#)



Wire for solenoid valve

- Wire with Italin plug (CO210E)
- Wire with Shuko plug (CO210EE)



Single flow regulator (CO229) with fitting



CO2 continuous measurement test - Glass Measurement bulb Reagent 18 ml

Contains: Bottle with 18 ml of reagent, glass measurement bulb with sucker, small bubblecounter, color scale.
(cod. TST012)



CO2 continuous measurement test Plastic Measurement bulb Reagent 18 ml

Contains: Bottle with 18 ml of reagent, plastic measurement bulb with sucker, color scale.
(TST021)



Measurement bulb for CO2 Test (CO243)



Diffuser Base (C0264)



Diffuser Triangular (C0284)



Diffuser Nano (C0265)



Diffuser Pollen (C0266)



Corner Diffuser:

- **cm 1** (C0285)
- **cm 2** (C0236)
- **cm 3** (C0237)
- **cm 5** (C0238)



Glass Check valve (CO281)



Glass Compteur bulles (CO242)



Set: Bubble counter + check valve (CO270)



In Out Lyly-Pipe:
Diameter mm 9 (CO280)
Diameter mm 13 (CO274)
Diameter mm 17 (CO278)



In Out Poppy-Pipe:
Diameter mm 9 (CO280C)
Diameter mm 13 (CO274C)
Diameter mm 17 (CO278C)



Disposable Cylinder

| | | |
|---------|-------------|----------|
| 600 g | thread 10x1 | (CO215) |
| 300 g | thread 10x1 | (CO215B) |
| 1.300 g | thread 10x1 | (CO215C) |



Steel Rechargeable Cylinder kg 0,500 (CO260)

Support for Rec. Cylinder kg 0,500 (CO261)



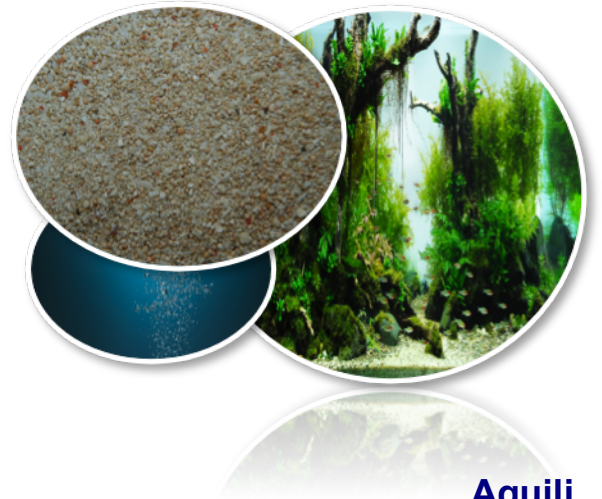
Steel Rechargeable Cylinder kg 2,00 (CO262)

Steel Rechargeable Cylinder kg 4,00 (CO259)

Steel Rechargeable Cylinder kg 6,00 (CO263) - by reservation only



Adaptor Reducer 10x1 / Rec. Cylinder (CO228)



Aquili
Italian high quality products at a good price

FILTERING AND ABSORBING MEDIA

NO₃ - PO₄ Removal - Fresh Water

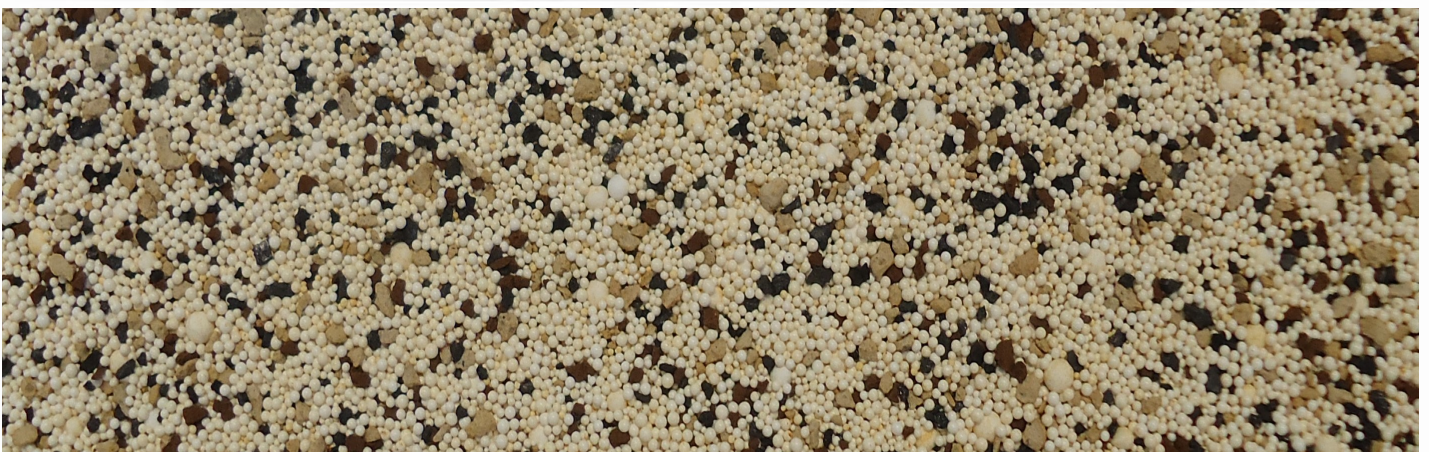
Balanced blend of absorbent materials
Specially designed for freshwater aquariums
Remove and Nitrates, Phosphates, Silicate and Ammonium Ion

*1 capsule of
Bacterium E Plus
inside each
pack*

- It quickly frees the aquarium from the pollution created by nitrates, phosphates, silicate and ammonium ion, removing organic, nitrogenous waste.
- It permanently bonds nitrates, phosphates, Silicate and Ammonium Ion even after the exhaustion of its absorbing capacities.
- It vigorously fights against the growth of algae.
- It makes the water clear.
- Fish are healthier and more protected.
- The aquarium requires less maintenance.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.

The life of the product depends from the water degree pollution

For a correct management of the filter is recommended to insert the activated carbon after absorb materials





Si dans l'aquarium il y a :

- Nitrates NO_3 50 mg/l
- Phosphate PO_4 2 mg/l
- Ion Ammonium NH_3 2 mg/l
- Silicates SiO_2 0,5 mg/l

| | | | | |
|--------------------------|--------------------|---|-----------------------------------|--------|
| L'emballage indiqué est: | Aquarium de 48 lt | ➡ | Removal F ml 150 - environ gr 130 | REM022 |
| | Aquarium de 80 lt | ➡ | Removal F ml 250 - environ gr 220 | REM001 |
| | Aquarium de 160 lt | ➡ | Removal F ml 500 - environ gr 440 | REM002 |
| | Aquarium de 320 lt | ➡ | Removal F ml 500 - environ gr 440 | REM002 |

PO₄ - NO₃ Removal - Sea Water

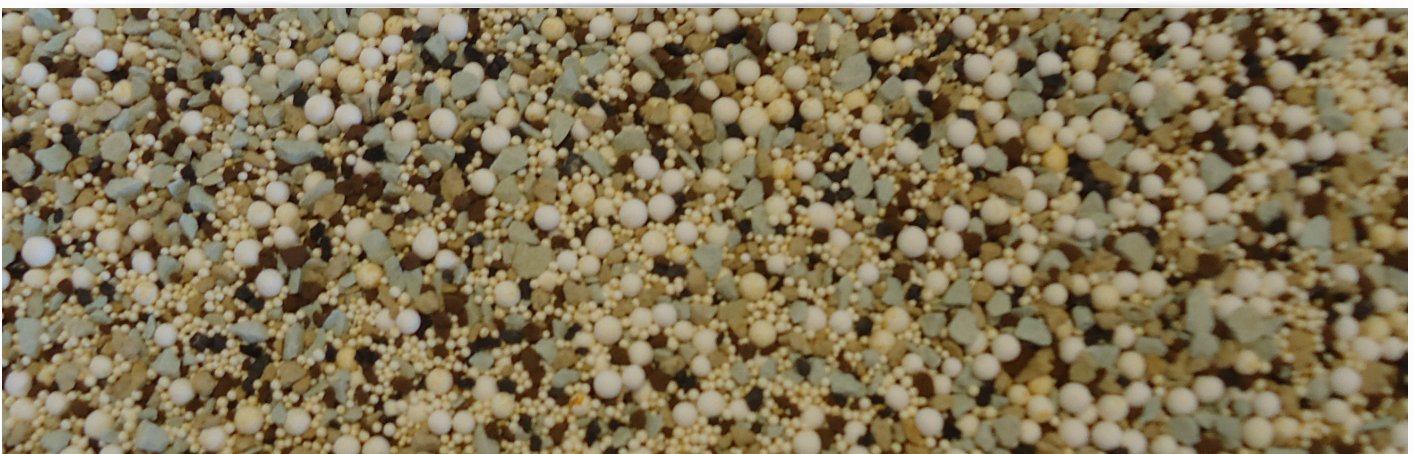
Balanced blend of absorbent materials
Specifically designed for saltwater aquariums
The formula has been enhanced to absorb more phosphates
Maintaining its effectiveness for nitrates and silicates

*1 capsule of
Bacterium E Plus
inside each
pack*

- It quickly frees the aquarium from the pollution created by nitrates, phosphates, silicate and ammonium ion removing organic, nitrogenous waste.
- It permanently bonds nitrates, phosphates, Silicate and Ammonium Ion even after the exhaustion of its absorbing capacities.
- It vigorously fights against the growth of algae and the proliferation of DIATOMEE.
- It prevents calcium from falling.
- It helps the growth of corals, marine invertebrates and plants.
- It makes the water clear.
- Fish are healthier and more protected.
- The aquarium requires less maintenance.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.

The life of the product depends from the water degree pollution

For a correct management of the filter is recommended to insert the activated carbon after absorb materials





Si dans l'aquarium il y a :

- Nitrates NO_3 50 mg/l
- Phosphate PO_4 2 mg/l
- Ion Ammonium NH_3 2 mg/l
- Silicates SiO_2 0,5 mg/l

| | | | | |
|--------------------------|--------------------|---|------------------------------------|--------|
| L'emballage indiqué est: | Aquarium de 60 lt | ➔ | Removal S ml 250 - environ gr 220 | REM003 |
| | Aquarium de 120 lt | ➔ | Removal S ml 500 - environ gr 440 | REM004 |
| | Aquarium de 240 lt | ➔ | Removal S ml 1000 - environ gr 880 | REM014 |

Nitrate Minus

Removes Nitrate - NO₃ from fresh and sea water

Nitrate - Minus absorbs also Silicate.

1 liter of product removes about 21.000 mg of Nitrate- NO₃

1 capsule of
Bacterium E Plus
inside each
pack



- It quickly frees the aquarium from the pollution created by nitrates, removing organic, nitrogenous waste.
- It permanently bonds nitrate even after the exhaustion of its absorbing capacities.
- It vigorously fights against the growth of algae.
- It makes the water clear.
- Fishes, invertebrates and plants are healthier and protected.
- The aquarium requires less maintenance.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.

The life of the product depends from the water degree pollution

For a correct management of the filter is recommended to insert the activated carbon after absorbent materials

Pack: ml 250 REM027
Absorbs: 5.250 mg NO₃

ml 500 REM028
10.500 mg NO₃

ml 1000 REM029
21.000 mg NO₃

ml 3450 REM030
72.450 mg NO₃



Nitrate Minus 2/3 + Phosphate Minus 1/3

Removes Nitrate - NO₃ and Phosphates - PO₄ from fresh and sea
It also absorbs Silicate and Arsenic
1 liter of product removes 14.000 mg of NO₃ and 4.000 mg of PO₄

*1 capsule of
Bacterium E Plus
inside each
pack*



| | | | |
|------------------------|---|---|--|
| Pack: | ml 250 REM037 | ml 500 REM038 | ml 1000 REM039 |
| Fresh water - Absorbs: | 4.375 mg NO ₃ & 500 mg PO ₄ | 8.750 mg NO ₃ & 1.000 mg PO ₄ | 17.500 mg NO ₃ & 2.000 mg PO ₄ |
| Sea Water -Absorbs: | 4.375 mg NO ₃ & 300 mg PO ₄ | 8.750 mg NO ₃ & 600 mg PO ₄ | 17.500 mg NO ₃ & 1.200 mg PO ₄ |

- It is a mixture of absorbent material highly effective in the removal of nitrates, phosphates and silicates in both fresh and seawater.
- It quickly frees the aquarium from the pollution created by nitrates, phosphates and silicate removing organic, nitrogenous waste.
- It permanently bonds nitrate, phosphates and silicate even after the exhaustion of its absorbing capacities.
- It vigorously fights against the growth of algae.
- It makes the water clear.
- Fishes, invertebrates and plants are healthier and protected.
- The aquarium requires less maintenance.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.

The life of the product depends from the water degree pollution

For a correct management of the filter is recommended to insert the activated carbon after absorbent materials



Phosphate - Absorbs

Removes phosphates - PO_4 from fresh and sea water.
1 liter of product removes about 5.000 mg of PO_4

1 capsule of
Bacterium E Plus
inside each
pack



- It quickly frees the aquarium from the pollution created by phosphates.
- It permanently bonds phosphate even after the exhaustion of its absorbing capacities.
- It vigorously fights against the growth of algae
- It makes the water clear.
- Fishes, invertebrates and plants are healthier and protected.
- The aquarium requires less maintenance.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.

The life of the product depends from the water degree pollution

| | | | | |
|----------------------|------------------------|------------------------|------------------------|-------------------------|
| Pack: | ml 250 REM032 | ml 500 REM033 | ml 1000 REM034 | ml 3450 REM035 |
| Fresh water Absorbs: | 1.250 mg PO_4 | 2.500 mg PO_4 | 5.000 mg PO_4 | 17.250 mg PO_4 |
| Sea water - Absorbs: | 750 mg PO_4 | 1.500 mg PO_4 | 3.000 mg PO_4 | 10.350 mg PO_4 |



Phosphate - Minus

Remove Phosphates- PO₄ from fresh and sea water
Phosphate - Minus also absorbs Silicate and Arsenic
1 liter absorbs 12.000 mg of PO₄

**1 capsule of
Bacterium E Plus
inside each
pack**



| | | | | |
|------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| Packl: | ml 250 REM018 | ml 500 REM019 | ml 1000 REM020 | ml 3450 REM035 |
| Fresh water - Assorbs: | 3.000 mg PO ₄ | 6.000 mg PO ₄ | 12.000 mg PO ₄ | 41.400 mg PO ₄ |
| Sea water - Assorbs: | 1.800 mg PO ₄ | 3.600 mg PO ₄ | 7.200 mg PO ₄ | 24.840 mg PO ₄ |

The theoretical absorption capacity is about 20,000 mg / l, but in the form available on the market, the product is very wet and this lowers the absorption capacity to about 12,000 mg / l.

The presence of phosphates in aquariums is due to the decomposition of food, leaves and other organic substances. Phosphates are very important and they are not harmful but only if they are present in very small quantities.

An increase in the concentration of phosphates causes algae growth in fresh water and stops calcium production in sea water. The phosphate concentration is very low in non-polluted natural water, but in order to have the same concentration in aquariums it is essential to use specific products which reduce the level of PO₄.

The recommended levels of PO₄ are not higher than 0,1 - 0,3 mg/l, the recommended concentration in sea water is lower than 0,015 mg/l. It is possible to have the recommended levels by using Phosphat - Minus, a new adsorbing material for the removal of phosphates. Phosphat - Minus bonds large quantities of PO₄ without interfering negatively with the water in the aquarium.

Phosphat - Minus

- It can be used in both sea and freshwater aquariums,
- It bonds phosphates stably without releasing any substance once saturation is reached,
- It does not cause problems for susceptible fish or invertebrates.
- It can be inserted into the main filter as last layer, or into a separate slow circulation filter.



Super Active Carbon - Mineral

Index iodine 1.000 - BET 1.100 m²/g

1 capsule of
Bacterium E Plus
inside each
pack



Pack: ml 250 REM042 ml 500 REM043 ml 1000 REM044 ml 3450 REM045

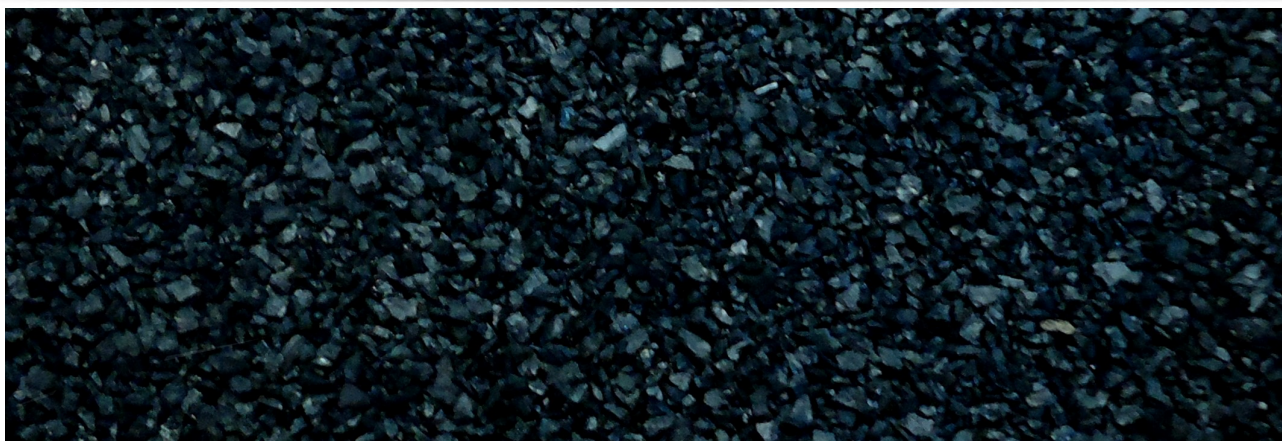
The Super Active Mineral Carbon Aquili is a granular carbon of high quality, produced from a selected raw material of mineral origin, by physical activation (steam).

This carbon is particularly effective for the removal of organic pollutants, dyes, pesticides, chlorinated solvents, aromatic hydrocarbons, phenols, tannins, chlorine, chloramines, ozone and compounds that cause bad odors and taste in the water.

Super Active Mineral Carbon Aquili complies with the standard UNI EN ISO 12915 "Granular Activated Carbon for use in the treatment of water intended for human consumption".

Rinse in warm water before use.

| | |
|-----------------------------|--------------------------|
| Index Iodine | mg / g 1000 |
| Specific surface area (BET) | m ² / g 1.100 |
| Particle size from | 0.425 to 1.7 |
| Bulk density | kg / m ³ 480 |
| Humidity | % 2 |
| pH | alkaline |



Super Active Carbon - Coconut

Indice de iodine 1.100 - BET 1.250 m²/g

**1 capsule of
Bacterium E Plus
inside each
pack**



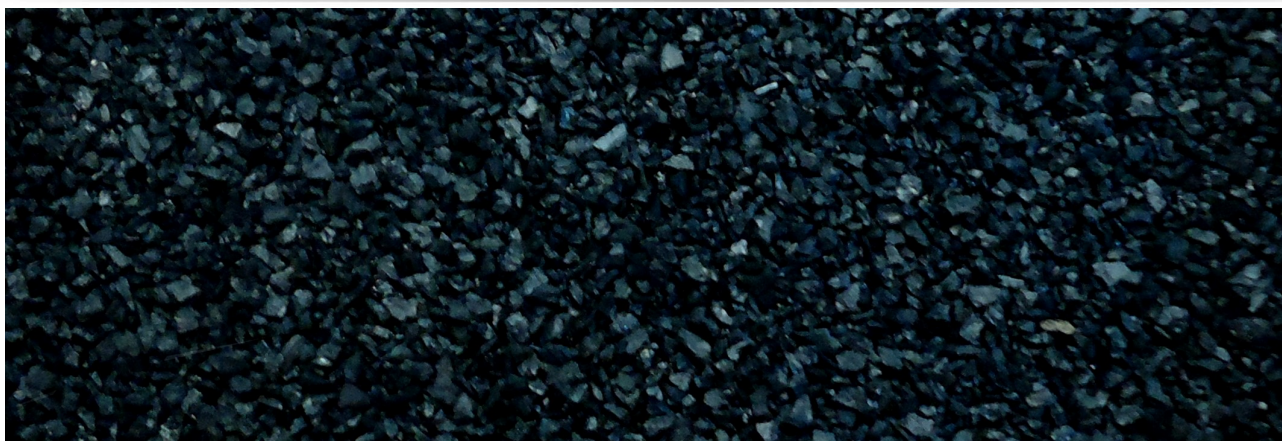
Pack: ml 250 REM047 ml 500 REM048 ml 1000 REM048 ml 3450 REM050

The Super Active Coconut Carbon Aquili is a granular carbon of high quality, produced from coconut by physical activation (steam).

This carbon is particularly effective for the removal of organic pollutants, dyes, pesticides, chlorinated solvents, aromatic hydrocarbons, phenols, tannins, chlorine, chloramines, ozone and compounds that cause bad odors and taste in the water.

Super Active Coconut Carbon Aquili complies with the standard UNI EN ISO 12915 "Granular Activated Carbon for use in the treatment of water intended for human consumption".

| | |
|-----------------------------|--------------------------|
| Index Iodine | mg / g 1.100 |
| Specific surface area (BET) | m ² / g 1.250 |
| Particle size from | 0.425 to 1.7 |
| Bulk density | kg / m ³ 500 |
| Humidity | % 2 |
| pH | alkaline |



Active Carbon - without dust

Adsorbs pollutants, dyes and medicines



Pack: 300 g. inside net (MC010)

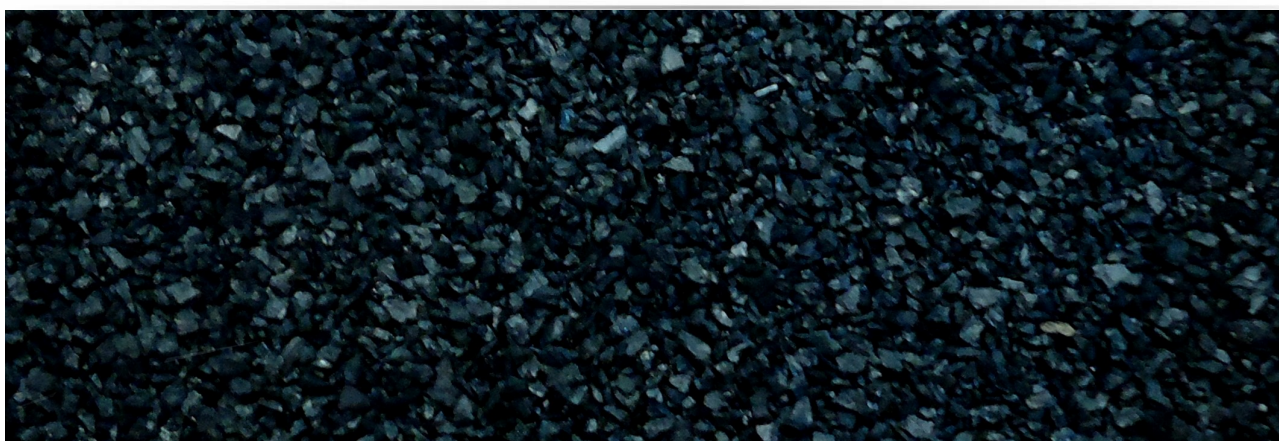
The Active Carbon is a granular carbon of high quality, produced from a selected raw material of mineral origin, by physical activation (steam).

This carbon is particularly effective for the removal of organic pollutants, dyes, pesticides, chlorinated solvents, aromatic hydrocarbons, phenols, tannins, chlorine, chloramines, ozone and compounds that cause bad odors and taste in the water.

Active Carbon is easy and convenient to use because packaged in a special perforated material that allows a more simple than ever utilisation, without dirtying hands.

Active Carbon is available in sizes: 3 pre-measured bags of 120 grams each and in one single bag of 300 grams, suitable for big aquariums.

| | | | |
|--------------------|--------------|-----------------------------|--------------------------|
| Index Iodine | mg / g 1000 | Specific surface area (BET) | m ² / g 1.100 |
| Particle size from | 0.425 to 1.7 | Bulk density | kg / m ³ 480 |
| Humidity | % 2 | pH | alkaline |



Sintered Glass Ring

6 - 8 times more porous than ceramic ring



1 liter - about 400 g (cod. MC004)

The concentration of decaying organic substances in an aquarium is very high in relation to the amount of water, for this reason we need a very active bacterial culture that metabolize quickly all pollutants. The bacteria need a specific substrate to installed in the aquarium filter; this substrate must be as large as possible and suitable to bacteria needs. The most suitable products are the Sintered Glass Ring. The sintered glass rings, thanks to their cylindrical hollow and extraordinary porosity, are filter materials with multiple properties, suitable for both mechanical and biological filtration.

- The particular cylindrical form do not hinder the passage of water and promotes the deposition of waste materials that remain in the filter.
- The special treatment of their raw material (the glass is broken up and recast), gives them a unique porosity given by innumerable pores communicating with each other.
- The special structure of holes, together with a suitable wall thickness, offers the ideal conditions for nitrifying bacteria. This ensures the best decomposition of pollutants Ammonium and Nitrite and, with a decreased flow rate of the Nitrate too.
- Each glass ring has a surface area of 1 square meter and 1 liter of product offers an area of almost 300 m², exploitable for colonization of nitrifying bacteria.
- This gives rise, with a smaller quantity of filter material, more effective and safer filtration (1 liter of product is sufficient for an aquarium of 200 liters).

The material is completely non-toxic and reusable.



Zeolite - Ammonium Minus

Removes Ammonium - NH_4 ion from fresh water
1 liter of product absorbs 14,000 mg of NH_4

1 capsule of
Bacterium E Plus
inside each
pack



Packaging : ml 250 (REM027)
Absorbes: 5.250 mg NO_3

ml 500 (REM028)
10.500 mg NO_3

ml 1000 (REM029)
21.000 mg NO_3

ml 3450 (REM030)
72.450 mg NO_3

Highly micro-porosity chabasite rock granulate, sought after for its strongly selective adsorption properties towards cations
This product is particularly versatile and can perform the following tasks in the aquarium:

- Mechanical filtering - the external structure favours the deposition of suspended particles.
- Biological filtering - its internal micro-porous structure, having a high surface area and uniform pores with one or more sizes, helps the proliferation of nitrifying bacteria and the reduction of the nitrogenous compounds level.
- Absorbing filtering - its chemical nature favours a selective absorption of all toxic substances, such as, ammonia, ammonium, sulphates, as well as heavy metals, pesticides, aflatoxins, gas and unpleasant Smells.

Thanks to its versatility as filtering material, it is particularly suitable for goldfish basins and in presence of highly polluting aquatic animals, such as turtles.

It is effective in fresh water only; in salt water the ammonium ion is transformed into ammonia that does not interact with this type of absorbent materials.

It could be insert inside the major filter like last layer, or you can use it in a separated filter with slow circulation

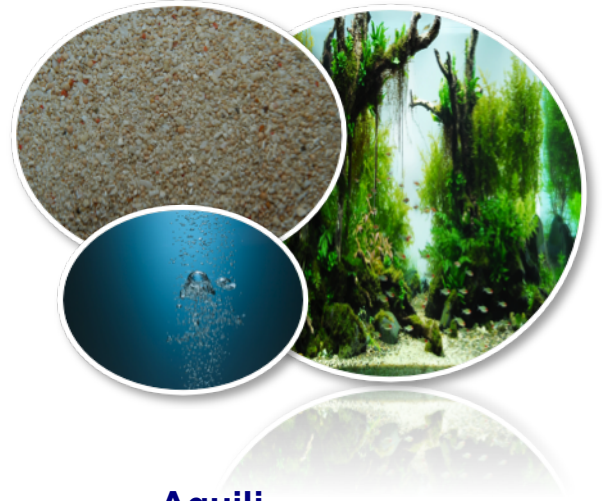
Packs: ml 250 (REM005)

ml 500 (REM016)

ml 1000 (REM006)

ml 3450 (REM017)





Aquili
Italian high quality products at a good price

REVERSE OSMOSIS SYSTEM

- Pure water, always available
- Free of salts and harmful substances
- Very low using cost: from 1-2 eurocent per litre
- Easy to use
- Environmentally friendly
- Works without electricity and without chemical additives
- Does not require a pump, uses only the pressure of the water supply



Reverse osmosis is a technology that takes advantage of the ability of certain semi-permeable membranes to separate dissolved substances from water.

The pressure of the water supply forces the water through the membrane; the pure water (filtered) is so separated from the water containing dissolved salts (concentrate).

The highest-performing osmotic membranes (those made of polyamide and polysulphone) act as a barrier not only against salts and other inorganic substances, but also against organic substances with molecular weight higher than 100; therefore they constitute an excellent defence against micro pollutants, pesticides, pyrogenic materials, viruses and bacteria that may be contained in water.

This technology has been available only recently for water treatment but has quickly proved its worth, and in a short time has been widely adopted thanks to its versatility, excellent performance, and ease of use

Technical Data

Osmotic water - residual water
Operating pressure
Temperature
Membrane material
Salt retention rate
Value for treated water

Systems are set to the ideal tested ratio of 1 to 4
3 - 8 bar
1 - 30°C
Polyamide/Polysulphone TFM
98 - 99%
10 - 40 micro-siemens



**TFC Membrane Element
Made in U.S.A.**



ROCLASSIC 50

ROCLASSIC 75

ROCLASSIC 100

with Membrane
50 GLD
75 GLD
100 GLD



Components

- Sediment cartridge 2"
- Active Carbon cartridge 2"
- Osmotic Membrane with capacity of 50 - 75 - 100 gallons per day (1 gallon = 3,785 litres)



In-line Carbon filter 2" - 1500 GLD
In-line Carbon filter 2,5" - 3000 GLD

cod. DE028
cod. DE030



In-line Sediment filter 2" - 1500 GLD
In-line Sediment filter 2,5" - 3000 GLD

cod. DE029
cod. DE031



Membrane 50 GLD
Membrane 75 GLD
Membrane 100 GLD

cod. DA050
cod. DA052
cod. DA053

ROFV 50

ROFV 75

ROFV 100

with Membrane
50 GLD
75 GLD
100 GLD



FLUSHING VALVE



ROFV - ROFV75 - ROFV100
With FLUSHING VALVE

Components

- Sediment cartridge 2"
- Active Carbon cartridge 2"
- Osmotic Membrane with capacity of 50 gallons per day (1 gallon = 3,785 litres)
- Flushing Valve



In-line Carbon filter 2" - 1500 GLD
In-line Carbon filter 2,5" - 3000 GLD

cod. DE028
cod. DE030



In-line Sediment filter 2" - 1500 GLD
In-line Sediment filter 2,5" - 3000 GLD

cod. DE029
cod. DE031



Membrane 50 GLD
Membrane 75 GLD
Membrane 100 GLD

cod. DA050
cod. DA052
cod. DA053

RONPS 50
RONPSFV 50

RONPS 75
RONPSFV 75

RONPS 100
RONPSFV 100

with Membrane
50 GLD
75 GLD
100 GLD

FILTRO per $\text{NO}_3\text{-PO}_4\text{-SiO}_2$



RO NPS - RO CLASSIC with $\text{NO}_3\text{-PO}_4\text{-SiO}_2$ Filter

Components

- Sediment cartridge 2"
- Active Carbon cartridge 2"
- Osmotic Membrane with capacity of 50 gallons per day (1 gallon = 3,785 litres)
- NO_3 - PO_4 - SiO_2 In-line filter

RO NPS FV - RO NPS with FLUSHING VALVE

- RO NPS
- Flushing Valve



In-line Carbon filter 2" - 1500 GLD
In-line Carbon filter 2,5" - 3000 GLD

cod. DE028
cod. DE030



In-line Sediment filter 2" - 1500 GLD
In-line Sediment filter 2,5" - 3000 GLD

cod. DE029
cod. DE031



Membrane 50 GLD
Membrane 75 GLD
Membrane 100 GLD

cod. DA050
cod. DA052
cod. DA053



Recharge for NPS filter - ml 250

cod. REM002

Linea RO e OSMO HQ+

The systems characterized by the acronym HQ + (High Quality Plus) represent the latest generation of osmotic system that synthesize all the technological innovations of recent years.

They use membranes with a high salt retention rate, in fact they are able to retain up to 99% of dissolved salts. These values, until recently, were achieved only by the best industrial membranes with very high costs and with operating pressures of 10 - 15 bar.

Furthermore, the particular composition of the membrane structure allows more osmosis water to be drawn and waste to be reduced while maintaining a very high water quality. With normal membranes, 15% to 20% of the water entering the membrane can be withdrawn, while 80% - 85% is discarded. The HQ + membranes, on the other hand, allow to recover from 30% to 50% of the total water.

Aquila HQ + 75 GLD membrane

| | | |
|---------------------|--------------------|--------------------|
| At 45 PSI (~ 3 Bar) | 30% water recovery | 99% salts retained |
| At 60 PSI (~ 4 Bar) | 40% water recovery | 98% salts retained |
| At 75 PSI (~ 5 Bar) | 50% water recovery | 97% salts retained |

The minimum pressure for the membrane to develop its performance is 2.5 - 3.0 bar. Below the osmotic water is of excellent quality, but the production / waste is similar (but better) to that of a standard membrane.

The maximum operating pressure is 5.0 bar. The one normally developed by a booster pump. Above this pressure it is necessary to change the calibration of the membrane to avoid malfunctions or collapses of the membrane itself.

Membrane tested at:

250 ppm = 390 microsiemens = 14 d ° KH of salts in solution.

25 ° of temperature

pH 6.5 - 7.0

Each area of Europe has its own water which differs in organoleptic characteristics from all other waters. To allow correct use of our systems in every country of Europe, we have set them with a safety ratio ranging from 1: 1.5 to 1: 2. This ratio, during use, automatically adjusts itself according to the inlet water pressure. (standard membranes work with the ratio 1: 4). In this way we have sacrificed the maximum production peak that can be reached (in fact, you can reach the 1: 1 ratio), but in every European country, as the pressure or hardness of the water varies, the system always has excellent performance. and does not subject the membrane to excessive stress that can cause it to collapse.



MEMBRANES DISPONIBLES

| | | | |
|--------------|----------|---------|-------|
| Membrane HQ+ | 1812 99% | 75 GLD | DAHQ |
| Membrane HQ+ | 2012 99% | 150 GLD | DAHQ2 |
| Membrane HQ+ | 3012 99% | 500 GLD | DAHQ5 |

ROCLASSIC HQ+ 75



ROFV HQ+ 75



OSMO HQ+ 75

OSMO FVM with 2 filters 10" HQ+ 75 GLD

OSMO HQ+ 150

OSMO FVM with 2 filters 10" HQ+ 150 GLD



OSMP HQ+ 150

OSMO with 3 filters 10" and self-supporting structure
PP - CTO - $\text{NO}_3\text{PO}_4\text{SiO}_2$ Removal A
Membrane HQ+ 150 GLD



OSMO with 2 Filters PP - CTO



OSMO filters 10"

- Sediments Filter 9" $\frac{3}{4}$ 5 micron
- Carbon Block Filter 9" $\frac{3}{4}$
- Membrane 50 - 100 - 300 GLD
- Pressure Gauge
- Flushing Valve

MODELS:

OSMO50 190 l/d - real 4,2 l/h - 96 l/d

OSMO100 380 l/d - real 8 l/h - 192 l/d

OSMO300 1140 l/d - real 24 l/h - 576 l/d



OSMO filters 20"

- Sediments Filter 20" 5 micron
- Filtre Charbon Block 20"
- Membrane 500 - 600 - 800 GLD
- Pressure Gauge

MODELS:

OSMO520 1900 l/d - real 40 l/h - 960 l/d

OSMO620 2280 l/d - real 48 l/h - 1152 l/d

OSMO820 3040 l/d - real 64 l/h - 1536 l/d

Kit to inserer N03 PO4 SiO2 filter: In-line filter 2,5" - fittings - clip cod. RE039



Richarge ml 1000 for filter 2,5"
cod. REMA01

OSMO with 3 Filters PP - CTO - NO₃PO₄SiO₂ Removal A



OSMO NPS filters 10"

- Sediments Filter 9" 3/4 5 micron
- Carbon Block Filter 9" 3/4
- Filter 10" with NO₃PO₄SiO₂ Removal A
- Membrane 50 - 100 - 300 GLD
- Pressure Gauge
- Flushing Valve

MODELS:

OSMO50NPS 190 l/d - real 4,2 l/h - 96 l/d
OSMO100NPS 380 l/d - real 8 l/h - 192 l/d
OSMO300NPS 1140 l/d - real 24 l/h - 576 l/d



OSMO NPS filters 20"

- Sediments Filter 20" 5 micron
- Filtre Charbon Block 20"
- Filter 20" with NO₃PO₄SiO₂ Removal A
- Membrane 500 - 600 - 800 GLD
- Pressure Gauge

MODELS:

OSMO520NPS 1900 l/d - real 40 l/h - 960 l/d
OSMO620NPS 2280 l/d - real 48 l/h - 1152 l/d
OSMO820NPS 3040 l/d - real 64 l/h - 1536 l/d

OSMO with BOOSTER PUMP



OSMO BOOSTER 10"

- Booster Pump
- Sediments Filter 9" $\frac{3}{4}$ 5 micron
- Carbon Block Filter 9" $\frac{3}{4}$
- Filter 10" with $\text{NO}_3\text{PO}_4\text{SiO}_2$ Removal A
- Membrane 100 GLD
- Pressure Gauge
- Flushing Valve

MODELS:

BOOSTER100 16 l/h - 384 l/d

OSMO BOOSTER 20"

- Booster Pump
- Sediments Filter 20" 5 micron
- Filtre Charbon Block 20"
- Filter 20" with $\text{NO}_3\text{PO}_4\text{SiO}_2$ Removal A
- Membrane 300 GLD
- Pressure Gauge

MODELS:

BOOSTER300 32 l/h - 576 l/d



Booster Pump with Transformatore CE - Made in Italy

Booster Pump production 1,1 l/min [DEHQ1](#)

Booster Pump production 1,6 l/min [DEHQ2](#)

Booster Pump production 2,6 l/min [DEHQ5](#)

POST OSMOSIS FILTER with NO₃-PO₄-SiO₂ Removal A

(cod. REM100)



Recharging for Post Osmosis ml 1000

cod. REMA01

The osmotic membrane cannot totally retain unusually high concentrations of nitrate, phosphate and silica in the water supply.

NO₃ - PO₄ - SiO₂ Removal A effectively retains nitrate, phosphate and silica.

Removal A keeps the water pure, the fish healthy and the seaweeds under control.

ML 1000 are designed for treatment of about 840 liters of osmotic water



OSMOSIS - MEMBRANES

MEMBRANES - OS LINE

Salt retention rate 97% - 98%



OS50 Membrane 1812 50 GLD



OS75 Membrane 1812 75 GLD

OS100 Membrane 2012 100 GLD

OS300 Membrane 3012 300 GLD

OS500 Membrane 3012 500 GLD

OS600 Membrane 3012 600 GLD

OS800 Membrane 3212 800 GLD

MEMBRANES – AQUILI LINE

Salt retention rate 98%



DA050 Membrane 1812 50 GLD

DA052 Membrane 1812 75 GLD

DA053 Membrane 2012 100 GLD



DB030 Membrane 3012 300 GLD

RE500 Membrane 3012 500 GLD

RE600 Membrane 3012 600 GLD

RE800 Membrane 3212 800 GLD

MEMBRANES - HQ+ LINE

High production and low waste

osmotic:waste 1:2

Salt retention rate 99%



DAHQ Membrane 1812 75 GLD

DAHQ2 Membrane 2012 150 GLD



DAHQ5 Membrane 3012 500 GLD

availables after 01/01/2022



Cartouche Charbon Active 2" - 1500 GLD [cod. DE028](#)

Cartouche Sediments 2" - 1500 GLD [cod. DE029](#)



Cartouche Charbon Active 2,5" - 3000 GLD [cod. DE030](#)

Cartouche Sediments 2,5" - 3000 GLD [cod. DE031](#)



Filtre Charbon Block 9" 3/4 - 3000 GLD [cod. FA013](#)



Filtre Charbon Block 20" - 6000 GLD [cod. FA014](#)



Filtre Sediments 9" 3/4 - 3000 GLD [cod. FC051](#)



Filtre Sediments 20" - 6000 GLD [cod. FC061](#)



Cartouche Resine 2" (150 litri de eau osmotique) [cod. RE027](#)
Kit: Cartouche 2" - raccords - clip [cod. RE039](#)



Cartouche Resine 2,5" (300 litri de eau osmotique) [cod. RE023](#)
Kit: Cartouche 2,5" - raccords - clip [cod. RE039](#)



Recharge Resine NO3 - PO4 - SiO2 ml 250 [cod. REMA02](#)

Recharge Resine NO3 - PO4 - SiO2 ml 1000 [cod. REMA01](#)