



AQUAHOME

THE WET ELITE S WATER SYSTEM & THE ELITE S FAUCET

**Manual for Installation, Use and
Maintenance**



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THANKS!

Congratulations on choosing THE WET ELITE S WATER SYSTEM the new most advanced ENHANCED FILTRATION OF WATER and the THE ELITE S FAUCET. The S stands for sport as the water that it produces "Pure Ionic Water is the choice of Elite Sports.

The system based on the Natural Osmosis reverse principle but enhanced. Did you know that In nature, Seagulls use a natural osmosis reverse technique to eliminate things they don't want from the water they drink. They can remove dissolved salt, minerals, and other contaminants by filtering the water through a small membrane in their throats.

The WET ELITE S WATER SYSTEM and THE ELITE S FAUCET equipment is designed for professional use and is suitable for home need: it ensures high performances, it is designed to take up minimal undersink space.

It is produced components and materials of top quality.

It is the result of the finest engineering and labor work that guarantees maximum safety and reliability.

The ELITE S WATER SYSTEM is completely automatic that feeds THE ELITE S FAUCET.

The natural osmosis process removes every possible dissolved solid polluter (including contaminated salts, micro plastics, hormones, chemicals, viruses and bacteria). Enhance with enriched Pure Ionic Minerals creating healthy great tasting Pure Ionic Water, from your chosen faucet, from wherever you have a water supply, on land or at sea.

With Pure Ionic Water you get a great tasting clean fresh spring water. Ideal for healthy drinking, cooking and of course for fruits, vegetables for washing off any residual pesticides and especially for a cleaner taste. Your recipes will be much more tasty and the water will no longer be the more neglected ingredient but the more natural important one!

You are also assisting our WATER SMART FOUNDATIONS fight against environmental pollution. By removing the need for single use plastic bottled water and reducing the carbon footprint of transporting and waste of single use glass bottles, that contain only water.

You are assisting by reducing the plastic domestic waste and the air pollution caused by thousands of trucks everyday delivering single use glass bottled water.

From today on you will avoid to stress yourself with shopping for and carrying heavy bottles of water and then storing the bottled water beverage saving time, saving space, saving energy and more importantly saving your hard earned cash, whilst saving the Environment from single use plastic pollution. A contribution of your purchase will be donated to our foundation.

To become an ambassador please get in touch.



info@wet-global.com



www.pureionicwater.com



www.watersmartfoundation.com

1. MANUAL AIM

This user manual contains clear and essential information for installation, proper operation and accurate maintenance of the equipment. Understanding such information is critical for hazard-less and safe operations.

You will find all useful procedures in case of emergency situations that can happen- during the equipment usage.

Warning

Please read carefully and follow these instructions, in particular the safety rules in order to guarantee a perfect working of the equipment.

The lack of consent as regards these instructions could damage, the device and the consumer.

In such case the warranty shall be null and void.



2. WET ELITE S WATER SYSTEM & THE ELITE S FAUCET



B1 - THE ELITE S FAUCET



A - WET ELITE S WATER SYSTEM

2.1 IDENTIFICATION

A - WET ELITE S WATER SYSTEM

B - TAP SYSTEMS

B1 - THE ELITE S FAUCET

B2 - ELITE 3

B3 - ELITE 6

B4 - ELITE 7

C - SPHERE VALVE

C1 - WASTE CONNECTION

D - PIPES CONNECTION

E - SYSTEM CONNECTION WATER FEEDS & PRESSURE READER DIAL

F - DISPLAY



FIG.B1



FIG.B2



FIG.B3



FIG.B4



FIG.C1

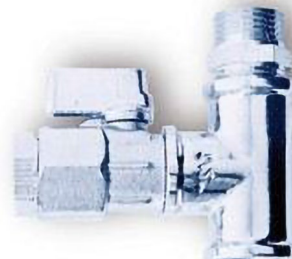


FIG.C1



FIG.D



FIG.E



FIG.F

3. DECLARATION OF CONFORMITY

The system indicated in this instructions manual conforms to the following European Directives, included last modifications, and subsequent national legislation : 2014/35 / EC (Low Voltage), 2014/30 / EC (Electromagnetic Compatibility), EU 2015/863 (ROHS III Directive), and that the following harmonized standards have been applied:

| | |
|-----------------------------|---|
| En 62233:2008 | Electric-magnetic Fields |
| En 60335-1 | Safety of electrical appliances for domestic and similar use |
| En 55014-1_2 | Electromagnetic compatibility |
| En 61000 - 3-2: 2014 | |
| En 61000 - 3-3: 2013 | |

The aforementioned system in the parts intended to come into contact with foodstuffs complies with the following decrees:

- Ministerial Decree 25 of 07/02/2012 of the Ministry of Health concerning the guidelines on the treatment devices of water intended for human consumption.
- Ministerial Decree 174 of 6 April 2004 materials and objects used in contact with water intended for human consumption.

It is suitable for the treatment of water as identified in the Legislative Decree 31/2001 and subsequent changes.

Any other use, when not approved in writing by our technical service center, is considered non-compliant..

CE Approved

The validity of the CE marking is subject to the integrity of the product and compliance with the assembly conditions indicated in the installation, use and maintenance manual.

Any unauthorized modification invalidates the CE marking.

4. A GUIDE TO THE INSTRUCTIONS BOOKLET

These symbols will help you in quickly finding the most important information :



Safety Information



Useful Advices



Information about environmental safety



This equipment conforms to the following CEE Directives:

- 2006/95/EC (Low Voltage)
- 2004/108/EC (Electromagnetic Compatibility)



This equipment uses parts that conform to the NSF Laws (Foodstuffs)

The equipment exploits the Reverse Osmosis principle as described in this booklet.

5. BEFORE USING THE EQUIPMENT

Keep these operating instructions in a safe place and attach them to the equipment for any further reference. When selling the device to a third party, give these operating instructions to the new consumer in order to be aware of the equipment working, all warnings and the compulsory manufacturer's slips according to Laws in force (see Healthy Brief).

Before using the equipment read carefully this operating manual. Understanding all its information and warnings is critical for proper installation and use.

Check the equipment for damage after you have taken it out of its packaging. If in doubt about its integrity, contact the retailer within 24h. Only a technician can install the equipment and arrange the hydraulic and electric connection according to the manufacturer's instructions and the local laws in force.

The electric pattern shall be equipped with an efficient current-tap according to Law (46/90).

Before every kind of maintenance and cleaning, unplug the device.

Do not unplug the device by pulling on the power cord.

After the installation be certain that the equipment does not lean against the power lead.

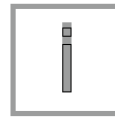
Construction and execution due to technological progress are subject to change without notice.

For Your Safety

These warnings have been edited for your safety and for everyone will use your equipment.

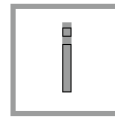
Please read them carefully before installing and using the equipment.

6. GENERAL WARNINGS



- The equipment fits only for waters processing as specified in the Legislative Decree 31/2001 and its subsequent modifications. Any other use not approved by our technical service center is improper.
- Under warranty all technical modifications are forbidden without the authorization of our technical service center. In such case warranty shall be null and void. Even in case of non-periodical maintenance of the device and use of non-original spare parts warranty shall be null and void.
- The equipment shall not be removed from its placement by unauthorized staff.
- Do not use caustic products, acids, steel wools to clean it.
- Do not clean with jet stream or high pressure.
- As by Law Decree 25/2012, the equipment shall be installed by skilled technicians according to Law Decree 46/90. During the installation the technician shall verify every possible leak, even internal. It is heartily recommended to commit only technicians specialized in feeding water processing, in particular for relative calibrations (saltiness, residual hardness, etc.).
- The manufacturer accepts no liability for damages caused by repairs that are not carried out at an authorized service center.
- The manufacturer accepts no liability for damages caused by an improper use of the equipment.
- The manufacturer accepts no liability for damages caused by changes, accessories or every non original spare parts not in conformity with the equipment, especially when changing its natural working. The manufacturer accepts no liability for the supplied water quality in case of tampering with any components of the equipment by unauthorized staff.

6. GENERAL WARNINGS



Children's Safety

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Safety Warnings

Any kind of operation shall follow these safety precautions.

- Read carefully the user manual.
- Before the installation verify the following conditions.
- In case of high concentrations of suspended solids, install directly a water filter before the system.
- The lack of water filtering and the removal of suspended particles may limit its efficiency
- The presence of sulphuric acid or iron or filterable solids in the processing water may cause the creation of a patina on the quartz pipe area that shall be periodically removed according to the processing water features (models with U.V. - optional).
- The processing water shall have the features indicated in the Legislative Decree 31/2001 and its subsequent modifications.
- The equipment shall always be installed after the autoclave or the water meter and after every filtering or processing water system.
- The fitter shall know the Law Decree 25/2012 and follow all the information for inaccurate installation. The manufacturer accepts no liability for the lack of components needed for the installation.
- Such components should not be part of the equipment supply.
- Be certain that the water meter is at the equipment head and arrange sample points for further analysis and check before and after the processing system.
- At its very first use the processing water shall be flushed for about 15-20 minutes in order to remove possible waste of all the components.
- When it has been inoperative for a long time it is recommended to sanitize (see "Sanitizing" on page 25).
- Before any intervention on the electric parts, always switch off the device.
- Use limits : input water free chlorine max 0,02 mg/l, manganese max 0.05 parts per million, muddiness 1 NUTS max 5, Surface-active agents absent, oil absent, Coli- bacteria absent, Ferruginous quality absent. (check conditions TDS max 1500 parts per million).
- The removal of foreign elements is about the 90%. It can change till the 15-20% according to the environmental conditions during its usage and/or according to the characteristics of used membranes.

7. WATER PROCESSING

The equipment exploits input water according to the Directive 98/83/CE of 3/11/98, that is the Legislative Decree 31/2001. Processing phase is ideally divided into these following steps:

- PRE-FILTERING (MICRO FILTERING)
- REVERSING THE NATURAL OSMOSIS
- U.V. RAYS BACTERICIDAL (OPTIONAL, when the preventive water analysis indicates it is necessary).

7.1 Pre-filtering

This is the first step.

Input water passes by a filter for the so-called micro filtering. This is a very important step since it allows to separate water from particles bigger than 5 micron and from possible chemical elements (chlorine for example) that could damage membranes of the osmosis group. The filtering elements associate the well-known technology of depth filters to a planned idea that removes the whole nucleus in order to get an efficient and ecological solution during operations with elevate capacities. The filtering element is made up of polypropylene with a low loss charge so that on equal capacity less filtering elements are needed. The filtering elements are produced according to the highest quality standard and comply with the directives of the Department of Health.

7.2 Osmotic GEM technology

This is the second step.

Water deriving from the pre-filtering is sent to the osmotic membranes made up of plant fibres (polyamide and/or cellulose) and kept naturally. These membranes have firstly passed the acceptability test for use of the U.S. FDA (Food and Trust Administration) and the NSF (Not Sophistication Food), the most important independent and international check court for food sophistication. As concerns the osmosis principle look at page 16.

7.3 Pure Ionic Mineral Enrichment

This is the third step inline providing the ionic mineral water.

Extras on request

(Optional UV for commercial applications)

This is an ultra violet ray from an U.V. lamp, combating any possible bacterial residual charge in the filtered water.

8. NATURAL OSMOSIS

8.1 The Osmosis Principle

Osmosis is a common natural phenomenon and it is very important in life processes.

According to this principle, a low salt concentration (pure water) passes by a particular membrane - so-called semi-permeable – towards an high salt concentration.

Thanks to an external pressure the phenomenon is inverted and the reverse osmosis process starts. In this way you can obtain pure water from a water with an high concentration of foreign elements.

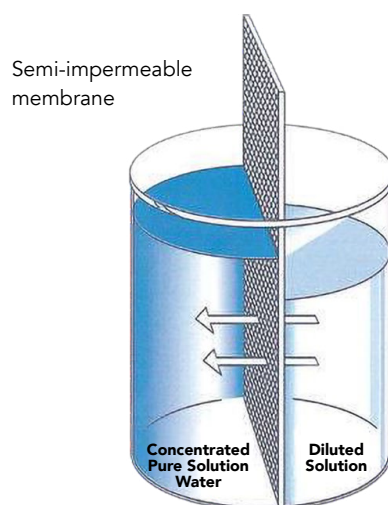
This is a naturally pure and light water as the spring one.

The Natural Osmosis removes the foreign elements thanks to semi-impermeable membranes.

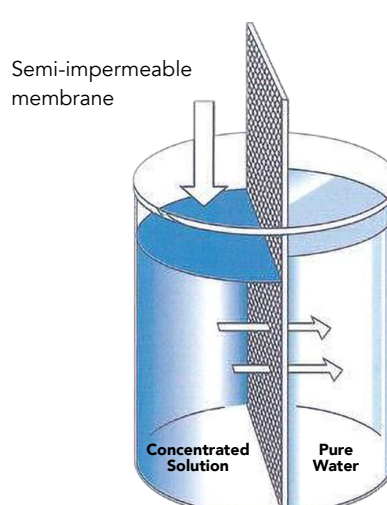
These particular structures let the water flow, removing melting mineral elements, pollute elements, virus and bacteria.

Using a container divided into two departments through a semi-impermeable membrane, it is clear how pure water A goes into the salt solution B thanks to the osmosis principle and how it increases its level till an hydrostatic pressure value - the so-called osmotic pressure of solution B. In this way solution B balances the entire system and stop the flowing of pure water. When an higher pressure than the osmotic one is applied to salt solution B pure water tends to A and here is the Natural Osmosis phenomenon (that is opposite to the natural phenomenon).

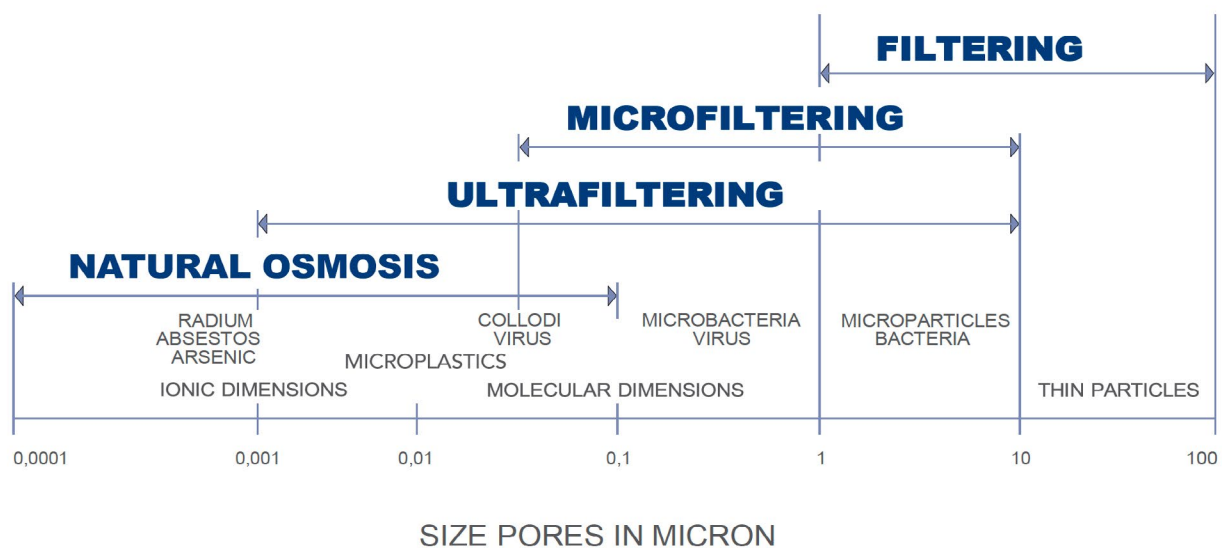
OSMOTIC TECHNOLOGY



REVERSE OSMOSIS



The Natural Osmotic Membrane processing forces water through a semi-impermeable membrane to separate the melted foreign bodies, either organic or inorganic. The osmotic membranes have an infinitesimal pores dimension according to Angstrom scale ($1\text{\AA} = 1/1000.000.000$ meters). That is why the Advanced Osmosis can be seen as a very strong filtering process. Actually it is not an ordinary filtering but an "orbital one". During the ordinary filtering the whole water solution is forced through a filtering mean and any kind of impurities not so small to pass through it, is kept or entrapped from the mean itself. On the contrary the orbital filtering works through two different input streams: "concentrate", a stream containing rejected impurities that do not pass through the membranes and the "permeated" stream that is forced through the membranes.



It does not need the usage of chemical elements like other filtering systems. These osmotic membranes can have various geometrical shapes and can be made up of various materials. It depends on different needs and usage conditions. Advanced guidance technology reversing the osmosis diminishes and even completely removes the whole waste of water that is the most significant element to check water quality. Such a value corresponds to the MINERAL SALTS quality and other melted ELEMENTS, and its measure unit is mg/l (milligram per litre). Please remember that "low mineral" indicates low-mineral salts water (fixed waste inferior to 500 mg/l), as to say particularly pure and light waters like the spring ones and indicated for being purifying and diuretic.

MINERAL SALTS are divided into two different categories:

ORGANIC MINERAL SALTS that can be assimilated by humans and deriving from the animal and plant kingdom, INORGANIC MINERAL SALTS that cannot be assimilated by humans, deriving from the mineral kingdom and environmental pollution.

MOST OF MINERAL SALTS in water are inorganic and consequently they cannot be assimilated.

Their removal is so important for human body.

The osmotic water is light and pure, typical feature of the low-salts water, and it has beneficial diuretic and detoxify effects.

AN HEALTHY HUMAN BODY depends first of all on drinking pure water.

The equipment has a regulation system for residual saltiness (REMIX).

You can regulate the fixed residual of water at your liking.

There is an exclusive system (REMINER - optional) that allows to enrich purified water with natural calcium and magnesium mineral salts.

The system make use of the "Reverse Osmosis with Direct Production" The Reverse Osmosis differs from the traditional Osmosis process since it does not accumulate water.

This is not an irrelevant condition!!! When pure water is not accumulated, the bacterial flora is not present in the container and consequently in water since pure water can be easily assailable by external agents. Moreover the " REVERSE OSMOSIS WITH DIRECT PRODUCTION" can supply water without pause and you never have an empty container. That is the reason why this kind of processing works at its best. systems are rational and contemporary systems and they last a long time, granting an high quality water.

They can remove nitrates, atrazine, asbestos, heavy metals, bacteria, virus, pesticides, chloride, suspended particles, etc. The obtained water is so pure, light, with a good taste typical of the low-mineral waters, that is fit for drinking, cooking, washing fruits and vegetables, making beverage, tea, coffee, etc.

Impurities abatement

AQUAHOME systems are based on the Osmosis principle of natural reverse pressure and remove water impurities with these percentages:

| SUBSTANCE | ABATEMENT | SUBSTANCE | ABATEMENT |
|----------------------|-----------|-----------------------|-----------|
| <i>Asbestos</i> | 93 – 99 | <i>Phosphate</i> | 96 – 98 |
| <i>Sodium</i> | 92 – 98 | <i>Cyanide</i> | 85 – 95 |
| <i>Manganese</i> | 96 – 98 | <i>Sulphate</i> | 96 – 98 |
| <i>Iron</i> | 96 – 98 | <i>Hyposulphite</i> | 96 – 98 |
| <i>Aluminum</i> | 96 – 98 | <i>Silicate</i> | 92 – 96 |
| <i>Copper</i> | 96 – 98 | <i>Silica</i> | 80 – 90 |
| <i>Nickel</i> | 96 – 98 | <i>Nitrate</i> | 90 – 95 |
| <i>Cadmium</i> | 93 – 97 | <i>Boron</i> | 50 - 70 |
| <i>Silver</i> | 93 – 96 | <i>Borate</i> | 30 – 50 |
| <i>Zinc</i> | 96 – 98 | <i>Fluoride</i> | 92 – 95 |
| <i>Mercury</i> | 94 – 97 | <i>Polyphosphate</i> | 96 – 98 |
| <i>Hardness</i> | 93 – 97 | <i>Orthophosphate</i> | 96 – 98 |
| <i>Radioactivity</i> | 93 – 97 | <i>Chromium</i> | 85 – 95 |
| <i>Chloride</i> | 92 – 95 | <i>Bacteria</i> | + 99 |
| <i>Ammonium</i> | 80 – 90 | <i>Lead</i> | 95 - 98 |
| <i>Bromide</i> | 90 – 95 | | |

PLEASE NOTE: following abatement percentages are not specific.

The real abatement depends above all on the precise chemical composition, temperature, ,pressure and salt content of water.

(from "1994 applied Membranes, Inc.").

9. INSTALLATION

9.1 Instructions for Handling & Carrying the Equipment

Even if accurately packed, the equipment shall be handled with care.

9.2 Positioning

Before installing the equipment, check if you have space enough to easily unpack the spare parts, for doing maintenance and for the usage of check devices. According to Laws in force 46/90, only authorized technicians shall install the equipment after changes in the hydraulic system of the installation placement. This equipment was planned to be installed in an hygienically safe place and far from freezing and sprinkle current (for example rain). Please check the presence of a power lead (see electric features) near to the equipment where to plug in the adapter/transformer. The equipment shall always be installed after the autoclave and the water meter and after any filtering or water processing device. Please check the water controlled designation of origin. Be aware not to modify the equipment features. The manufacturer accepts no liability for damages caused by modifications, accessories or any kind of devices that are not clearly scheduled in this user manual.

9.3 Instructions for Installation

- Remove the lateral panel releasing the screw on the upper part of the panel, so that you can check the right locking of the connections and avoid possible water leaks.
- Connect all parts following the instructions on the equipment stickers.
ENTRANCE indicates the connection to the feeding water
PURE indicates sharpened water to be connected to the tap or a cooler and/or a carbon dioxide adder.
DRAWING indicates pollute output water to be wasted.
- The pressure of feeding water shall not be higher than 5 Bar and not lower than 1,5 Bar. It shall have a minimum capacity of 300 litres per hour. (See the installation scheme).
- Install an input interception valve and arrange sample points for water analysis before and after the processing system.

9.4 Pressurizing

After connecting the pipes, gradually pressurize the equipment checking there are no leaks.

Open the tap and let the water flow in order to eject the air. If the equipment is in protection for the lack of water on your first attempt, try again.

9.5 Electric connection

Only connect the equipment to a suitable power outlet.

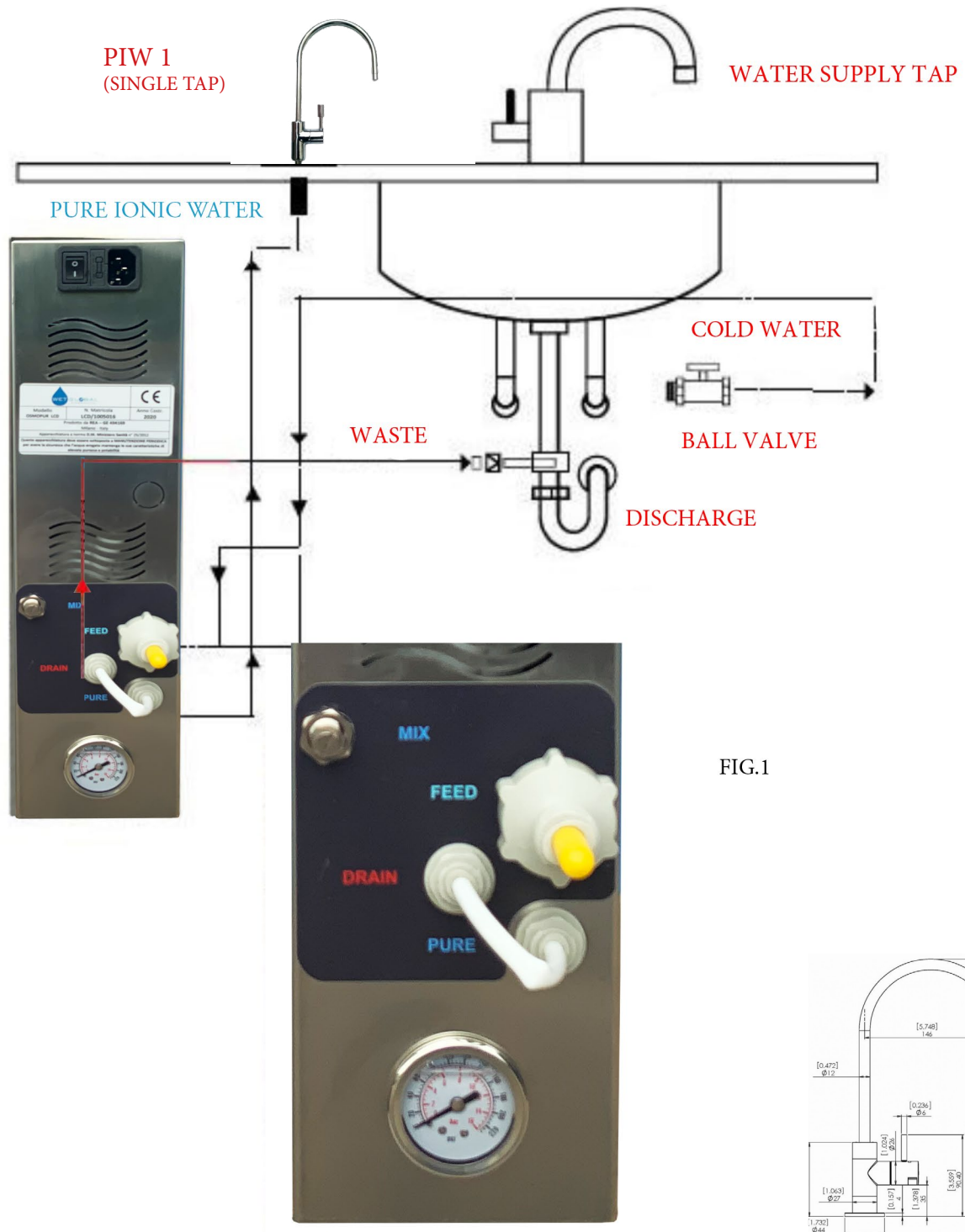


ATTENTION: be certain that the electrical outlet is of a voltage corresponding to that indicated on the equipment sticker.



WARNING: open the equipment electric panel only in presence of technicians.

10. THE WET S WATER SYSTEM & THE ELITE S FAUCET SCHEMATIC



(SEE SEPERATE INSTALLATION MANUAL)

11. ORDINARY AND EXTRAORDINARY MAINTENANCE



A periodical maintenance is needed to keep the features of a drinking water. Always remove the power cable from the power outlet before any intervention of extraordinary maintenance. If a malfunction occurs, do not try to repair the equipment by yourself. You could be in danger and you could damage the equipment. Always follow the instructions given in this booklet. If you cannot find the information you need, call the nearest Service Center. Maintenance can exclusively be done by an authorized Service Center. Specialization is important: an ordinary plumber deals with water mains, faucets and similar things whereas a technician deals with water for home use! Always ask for original spare parts. Functional reliability and best performances can be granted only with original spare parts (if necessary they can be adapted according to your input water needs). Always remember that you are getting water for food usage!



WARNING

Under warranty no intervention is accepted without the authorization of our Service Bureau. In other case the warranty shall be null and void. A periodical ordinary and extraordinary maintenance is compulsorily needed, (See the "Healthy Brief, maintenance register" section page. 36), and it can be done only by an authorized technician that will fill the reference form for any kind of intervention. The manufacturer accepts no reliability as regards the water quality in case of not periodical maintenance and filling of the relatives forms. In such cases the warranty shall be null and void. The equipment components need a periodical replace and it is not possible to pre- determine their real last: quality of the input water is a critical standard (water high quality means a long lasting component). The equipment working is completely automatic and maintenance is very low. Only the periodical replace of the filtering cartridge is necessary. The osmotic membranes last depends on the water features, usage conditions and other different variables.

11.2 Pre-Filters change over

The 1st step pre-filter and the 3rd step enriched mineral cartridge shall be replaced within 13 months (land based) or seasonal dry dock (ocean based) according to the normative in force, even in case of a limited usage or complete inactivity. In case of an ordinary home usage, "FILTER MAINTENANCE" on the display indicates you have to replace the it's step pre-filter. The device has an internal system measuring the quantity of water that has been produced. When the filter is going to exhaust, the relative signal is activated on the display. Replace the filter within 13 months or when the quantity of water is over. The change intervals are different according to the local feeding water features .

MODALITIES FOR CARTRIDGES CHANGE

- Unplug the system
- Unhook the connection filter. During this intervention you cannot avoid water leaks.
- Place the new cartridge, verify its right placement and the connection locking.
- Check if there are water leaks and in such cases be certain that the anti-flooding sensor is not AQUAHOME .



Please note that the equipment is not starting if the anti-flooding sensor is AQUAHOME . Be certain that the sensor is completely dry.

MEMBRANES CHANGE

Membranes in proper container (vessel) shall be periodically checked, above all if the signal "WATER DELIVER : SERVICE" is displayed. It could in fact indicate a damage in the membranes. Membranes shall be generally changed when water production is inferior to the 50% of the nominal one. The change intervals significantly depend on the local features of water and on the usage conditions.

MODALITIES FOR MEMBRANES CHANGE

- Unplug the system.
- Disconnect the pipe of feeding water that is placed on the vessel top containing the membrane and pull it out. During this intervention a leak of the water in the vessel is inevitable.
- Arrange an appropriate picking up container underneath the equipment.
- Place the new membrane, check a good placement of the O-Ring and screw down the top of the vessel.

Check for water leaks and in such case be certain that the anti-flooding sensor is not AQUAHOME .

12. SANITIZING

12.1 Pipes sanitizing

The equipment sanitizing is necessary in case of a long inactivity. An hypochlorite solution can be used to sanitize the pipes. Its quantity and concentrations depend on the equipment dimensions and on the characteristics of the supplying equipment (as an indication all the sample points, above all the most far from the equipment, shall return free chloride for 0.2 parts per million in about 30 minutes). The capacity of free chloride can be measured by special kits on sale. Remove the pre-filtering to avoid that the anti-encrusting solution is hold back. It would lose its efficacy.

- Spread the obtained liquid through the withdrawing of the sanitizing product in about 10 litres of the osmotic water that has been obtained through the complete locking of the pressure valve that regulates saltiness and calibrating the internal pressure of the system till a maximum of 3 bar.
- Reconnect the waste pipe.
- To restart the equipment, follow the explained procedure at points: "EQUIPMENT START UP AND SANITIZING"

12.2 The equipment sanitizing

Remove the pre-filter to avoid that the sanitizing solution is hold back and loses its efficacy. Use a sanitizing product or solution for medical devices that disinfect and sterilize in cold conditions and use devices fit for home processing of drinking waters according to the Ministerial Decree 25/2012. Spread the watered down liquid in 10 litres of osmotic water hovering it from a picking up container with the same equipment pump. The pump pressure shall not be greater than 1,5 ~ 2 bar. The equipment waste and production that need to be sanitized will connect each other in a closed-circuit inside the same sample container. This operation can be periodically repeated according to the needs. **PLEASE NOTE - it is recommended an anti-encrusting product when using commercial sanitizer during the membranes cleaning.** After all the sanitizing operations it is recommended to let a lot of water flow from the connected utilities till the complete disposal of the sterilized solutions. When water has a sanitizing waste solution of 0.2 parts per million, it is however completely drinking. The sanitizing solution could not fit for industrial usage or for fish tanks water. This water flow is important during the start up because it also removes the impurities created during the washing up. Only technicians can arrange the equipment sanitizing.

13. INACTIVITY

In case of planned inactivity for a long spell of time, it is recommended to close water from the water meter or the general entrance. There are no particular warnings in case of a short time inactivity. Only let water flow when restarting. The equipment has an anti-stagnancy system that works when the device is connected to water and power current. In anticipation of a long inactivity, call the nearest service center to arrange the removal and conservation of the Reverse Osmosis membranes and the restarting of the equipment according to the modality of start-up. Once you have unpacked the equipment, store it in a dry place (with no condensation) far from bad weather. The accepted temperature is 0–50 °C.

14. DISPOSAL



All materials are eco-compatible and recyclable. Please give your contribution for the environment and collect the items for recycling.

14.1 Inoperative devices

- No longer in use devices are not rubbish. Thanks to the waste disposal a lot of components being part of the equipment can be recycled.
- Please inquire about the disposal possibilities by your specialized retailer or your Local Council.
- Before throwing away the equipment, cut the power cable making it useless.

RESPECT THE ENVIRONMENT



Choosing this equipment you are respecting the environment. You will no more use plastic bottles and consequently dispose of them. Thanks.

14.2 Materials

Materials used for the construction of the AQUAHOME system:

- The pre-filters containers and membranes vessel are made up of high density propylene.
- The O-Ring are made up of Viton (a polymer of fluorine).
- Pre-processing cartridges are made up of PPF or activated charcoals.
- Pipes and connections are made up of polypropylene.
- The pump is brassy.

All the materials in contact with water, are completely tested for food usage.

15. PACKING, SHIPMENT

The equipment is packed in a carton box. Unless it is necessary for shipment needs, we do not use expanded polystyrene or other packaging materials that could generate pollute waste.

NOTE : you can have a special packaging on request.

15.1 Instructions for unpacking

Any particular warning is indicated to unpack the equipment, except the ordinary care when handling fragile materials. Before removing the packing carton box be certain not to throw away some equipment parts, instruction booklets or other documentation.

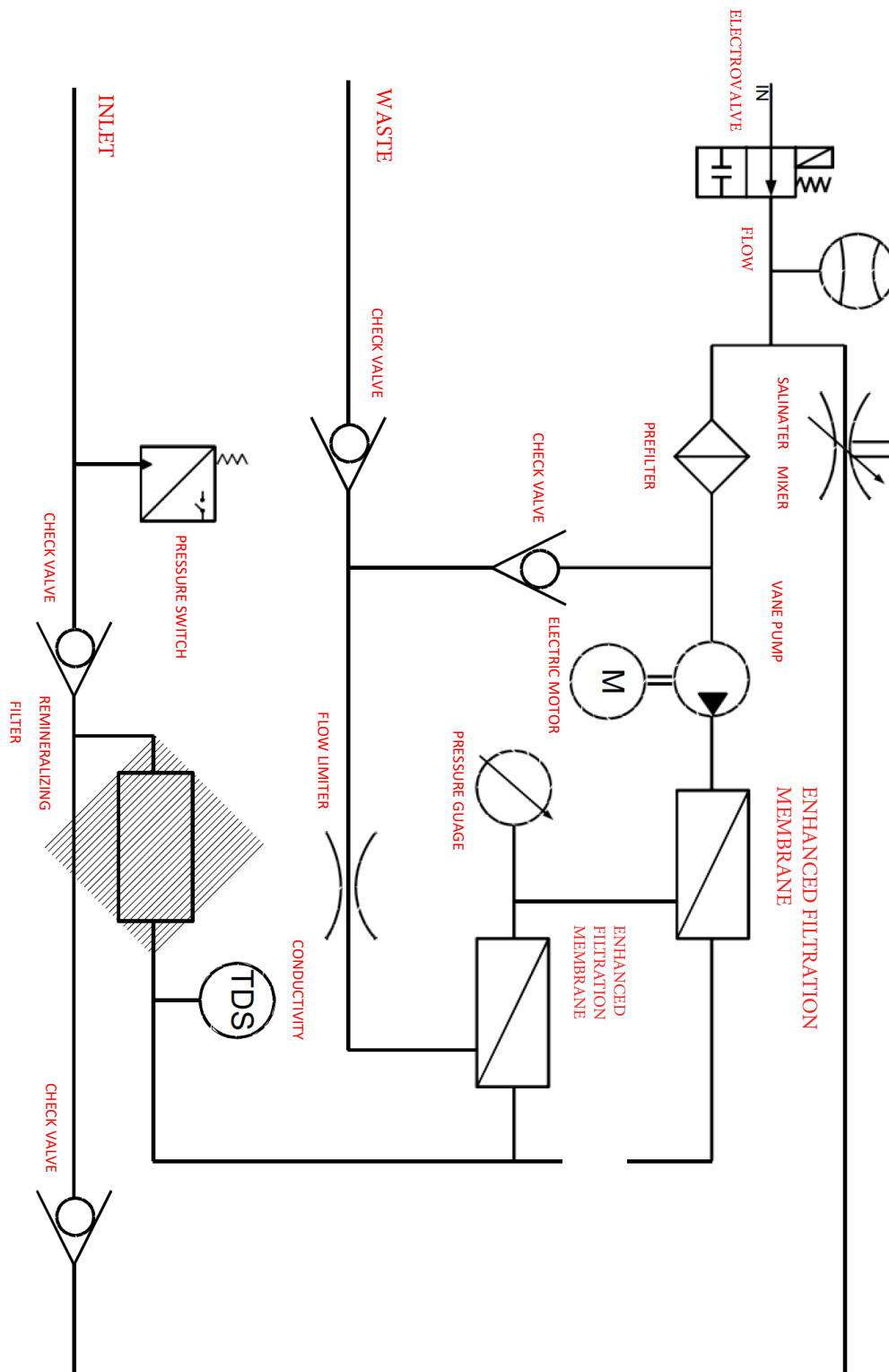


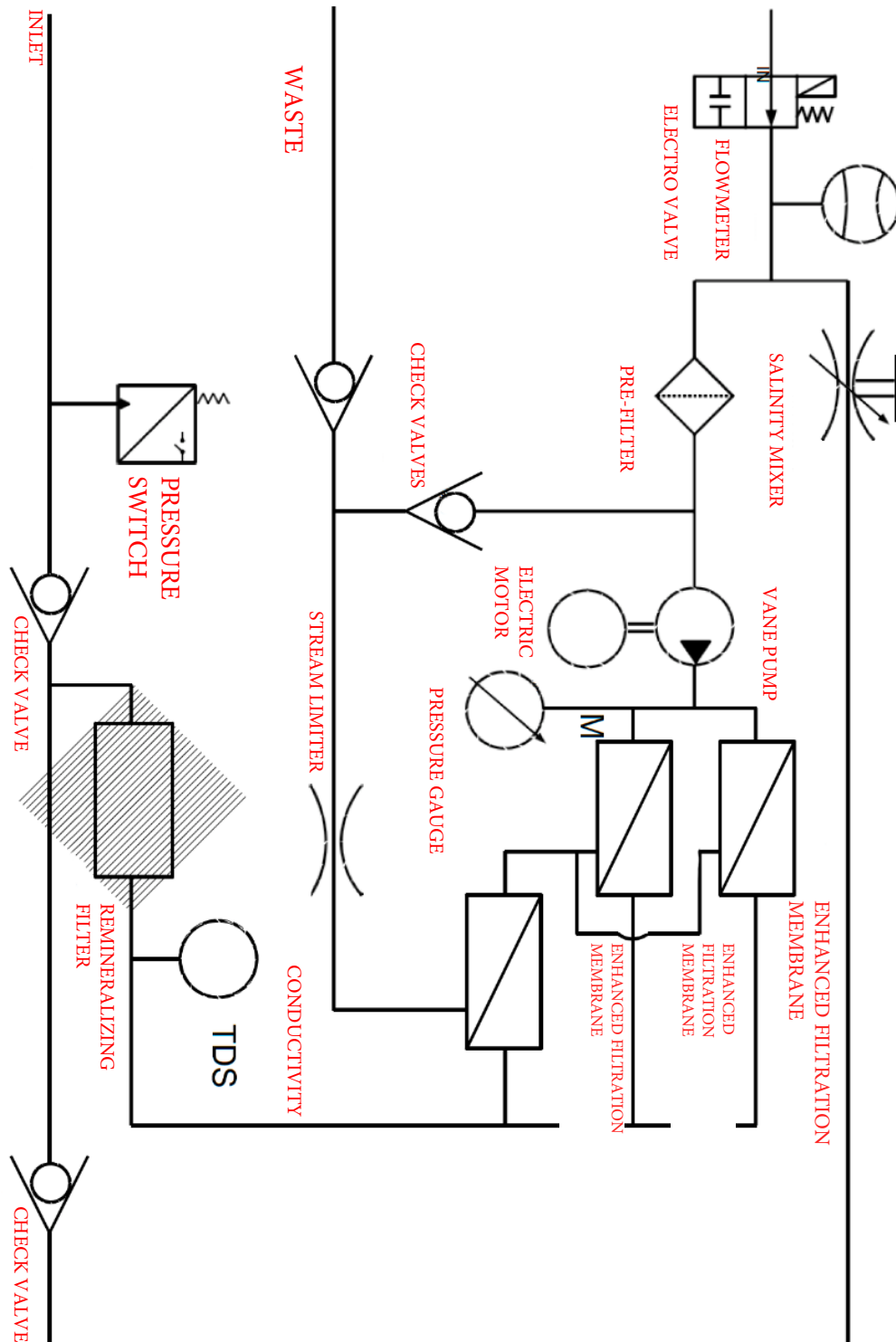
CARRYING /HANDLING

Remember to handle the equipment with care even if it is accurately packed. After getting the equipment you shall take it out of its packaging and check its integrity. In case of damage you shall immediately inform the courier.

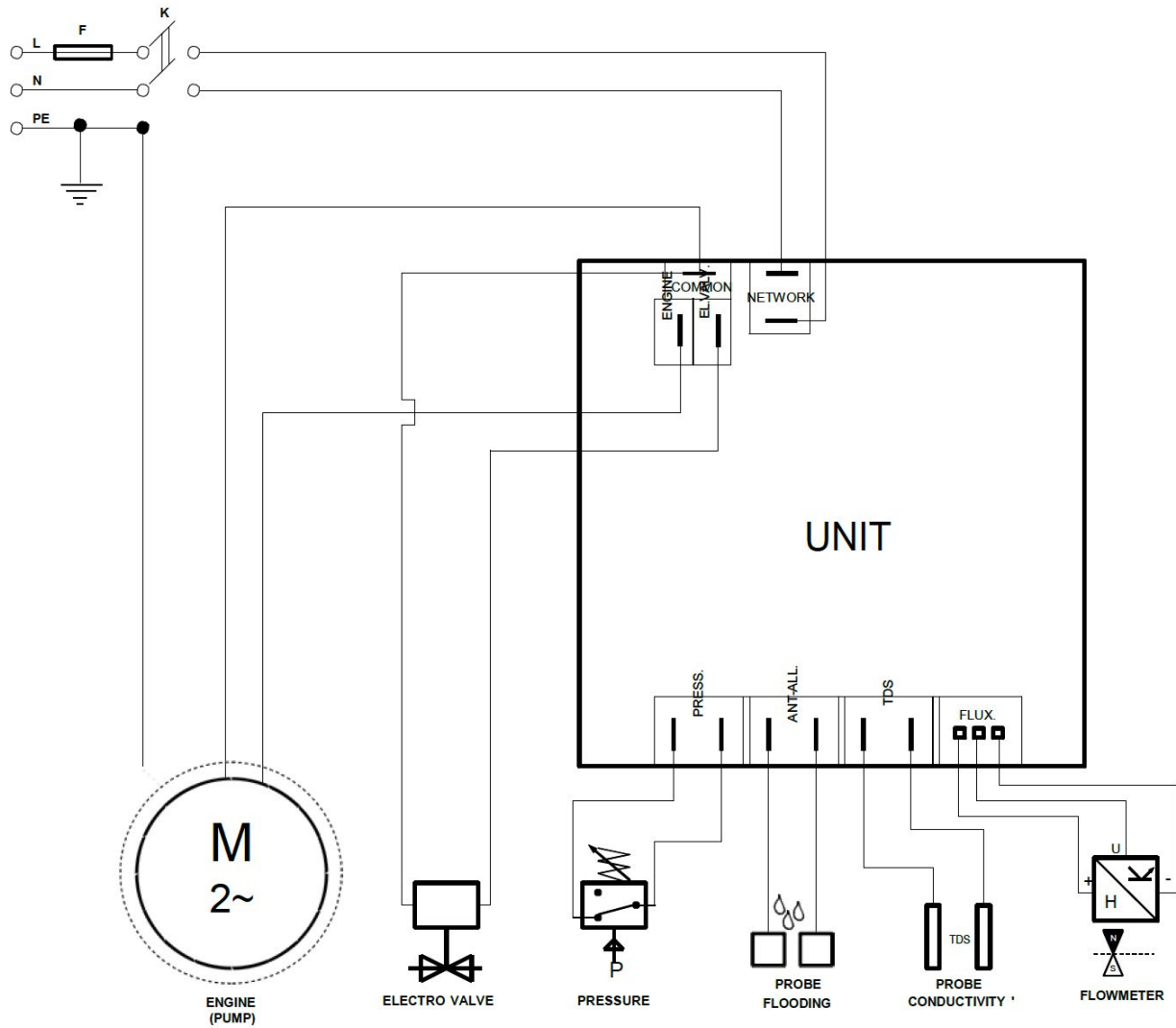
Do not reverse the equipment.

16. HYDRAULIC PATTERN





17. ELECTRIC PATTERN



18. MALFUNCTION

AQUAHOME DOES NOT SUPPLY

| CAUSE | REMEDIES |
|--------------------------------|---|
| Electric power interruption | Be certain that current continuously powers the equipment |
| Defective switch | Check the output switch. When it is absent replace the switch. |
| Pump failure | Change the pump. |
| Input electrical valve failure | Change the electrical valve. |

PRODUCTION DECREASE

| CAUSE | REMEDIES |
|---|---|
| Mixing valve completely closed or opened | Calibrate the mixing valve |
| Osmotic membrane or flow restrictor failure | Check if the capacity of waste water is always greater than the capacity of production water. In such case change the flow restrictor or the membrane. |
| Low feeding water temperature (min. 10° C) | A decrease in high performances is physiological with low temperatures. |
| Pump Failure | <p>Check the output pressure of the pump with a pressure gauge. Start the equipment being certain that pressure is not inferior to 9 bar; in such case remove the locking ring nut in the pump by pass and calibrate pressure. If it is inferior to 9 bar, change the pump. (PLEASE NOTE - this system is tested for good working with a pressure of 8bar.</p> <p>The pump usage decreases pressure. An intervention on by pass can calibrate the right pressure till the complete usage. Pressure is acceptable till 6 bar despite a product reduction. A decrease in high performances is physiological with low temperatures).</p> |

| | |
|---|--|
| Input electrical valve partially locked | Clean the filter of the electrical valve. |
| Input pre-filter locked | Be certain that the water capacity flowing out of the filter is not inferior to the pump capacity that is 300 litres per hour. In such case change the filter. |
| Flow restrictor without calibration | The system plans a flow restriction (flow restrictor) that keep the pump pressure constant. Water capacity shall always be superior than the production. In other case change the flow restrictor. |
| Encrusted osmotic membrane | The efficacy of the membranes cleaning system mostly depend on the input water characteristics. Clean the membranes during technical assistance, or change them. |

BAD TASTING WATER

| CAUSE | REMEDIES |
|--|--|
| Mixing valve completely closed or opened | Calibrate the mixing valve. |
| Over-disinfectant in the feeding water | Get the pre-filter into proportion with disinfectant capacity. |

19. TECHNICAL FEATURES

GENERAL DESCRIPTION

AQUAHOME LCD system is made up of a pre-processing condition. The output water reaches membranes that are in proper containers (vessel) made up of polypropylene for food usage. The pump is made up of brass matched with an engine working with 200 W.

CAPACITY

AQUAHOME LCD has been planned for a maximum nominal capacity of about 100 ~ 140 litres per hour (according to type and number of the membranes). However it depends on various standard and on the feeding water quality, that can significantly change this condition.

RESIDUAL HARDNESS

According to the Laws in force, the equipment has a system (REMIX) for the regulation of the processed water saltiness and it can also change its taste. Just spin the regulator for ordinary home usage. Residual hardness shall be ruled according to the relative Laws in force.

SIZE

Width 107 mm
Height 400 mm
Depth 420 mm

WEIGHT

Total weight: about 14 Kg

SUPPLY VOLTAGE

230 V

PLEASE NOTE : a tolerance of less or more 5% than the nominal tension is accepted but not recommended.

POWER

The equipment exploits a supply voltage of 300W only when it is delivering water

ENVIRONMENTAL CONDITIONS AND WORKING LIMITS

- Minimum environmental temperature: 5° C
- Maximum environmental temperature: 50° C
- Minimum water temperature: 5 °C
- Maximum water temperature: 35 °C
- Maximum relative dampness: 95% (lack of condensation in the environment)

The feeding water pressure shall not be higher than 5 bar and not lower than 1 bar and shall have a minimum capacity of 300 litres per hour.

19.1 TESTS ON THE EQUIPMENT

Before shipment all devices are tested as regards mechanical, hydraulic and electric components.

19.2 PLANNED RULES

The electric component of the equipment has been planned and produced in observance of Law CEI 44-5, device safety, electric kit of the machine (Law 60.335/1).

20. DISPLAYING

The user interface consists of a 16-character LCD display board for 2 lines includes four command buttons and touch of a buzzer to provide all the information and display any alarm signals.



DESCRIPTION OF FUNCTION KEYS:

| KEYS | | FUNCTION | |
|------|----------|-------------------|---|
| + | Increase | | |
| - | Decrease | | |
| ENT | Enter | Skip to next menu | Press for 10 seconds. For access to the menu "Technical" |
| ESC | Escape | Exit menu | Press for 10 seconds. For access to the menu "User" |

FUNCTIONALITY

EQUIPMENT IGNITION

Stoke the machine through the general switch, the type and the software version in use are displayed for 4 seconds.



AQUAHOME V0.0

The producer slogan is subsequently displayed.



TO LIVE BETTER

The system condition is displayed after an initial test about its functionality.



SYSTEM OK

WATER WITHDRAWING

The water delivering is displayed during water withdrawing.



DELIVERY WATER

>>>>>>>>>

Water withdrawing occurs through a pressure switch (switch) or button. You can choose this option in the technical menu.

When opening the tap or exciting the electric valve, the pump starts with a planning delay that avoids the pump cavitation. When the tap is closed or the button is not pushed, the pump stops and the electric valve closes with a planning delay in order to rinse the hydraulic pattern.

LACK OF WATER PROTECTION

In case of low pressure and low water stream or completely lack of water, the equipment stops after 4 seconds. The lack of water protection unlocks through the pushing of any button.



**SECURITY NO
WATER**

PROTECTION AGAINST FLOODING

The anti-flooding feeler indicates the presence of water through an acoustic alarm. The electric valve immediately closes and the engine stops. The anti-flooding alarm can be unlocked switching on/switching off.



**SECURITY
ANTI-FLOODING**

CONDUCTIVITY CHECK

The conductivity feeler indicates water conductivity. When it is lower than the planned limit value, a good working is displayed.



SYSTEM OK

When it is higher than the planned limit value, the alarm is displayed and the board flashes. After the delivering of at least 1 litre of water, the measuring of the conductivity value is real.



**DELIVERY WATER
SERVICE <001>**

When interrupting the water supply, the board stops flashing and only a service notice remains.



SERVICE <001>

The alarm is automatically reset when the conductivity value is lower than the planned threshold.

EQUIPMENT AUTO PROTECTION

The equipment protects itself and locks itself after a planned time of continuous working. The system automatically closes the electric valve and stops the engine when a tap is involuntarily open. The auto protection function unlocks through any button pushing.



SELFPROTECTION

FILTERS EXHAUSTION

If the withdrawing litres capacity during the delivery is bigger than the planned one or working days are longer than the planned one, on the display appears:



**FILTER
MAINTENANCE**

The equipment keeps on working. The alarm is not displayed till the subsequent switching off and switching on pushing the button “+” for 3 seconds.



**ATTENTION SYSTEM
RESET**

In order to have a functional litres reset, switch off and switch on again the equipment.

USER MENU

Push the button ESC for 3 seconds to have access to the user menu.

USER MENU

Pressing the ESC key for 3 seconds to access the menu "user", with which you can view data and set of statistical significance on the operation and use of the system. Once you see the first menu item you ("LANGUAGE"), you can change the setting using the + and - buttons or scroll the menu items by pressing the "ENT".

| DISPLAY | FUNCTION | | RANGE | STEP |
|-------------------|--------------------------------------|------------|--|------|
| Language | Language Section | Language | English, Italian, German, French and Spanish | |
| Contrast | Setting display contrast | | 5-50 | 1 |
| Plant life | Reporting autonomy residual plant | day; hour | | |
| Total Lending | Reporting litres total disbursed | Litres | | |
| Tot. Last 30 Days | Report delivered litres last 30 days | Litres | | |
| Average Daily | Consumer Reporting Average daily | Litres | | |
| Total Savings | Reporting total savings | Euro | 0.1-20.0 | |
| Month Savings | Reporting savings per month | Euro | 10-120 | |
| Water Cost Cent € | Setting water cost per litre | Cent. Euro | 0-99 | 1 |

Press "ESC" to exit the menu.



LANGUAGE

**LANGUAGE
ENGLISH**

To change the language of the controller using the "+" and "-" the panel. Press "ENT" the value is copied and stored in the unit and move to the next item of the menu.

CONTRAST

CONTRAST: 021

To change the contrast of the controller using the "+" and "-" the panel. Press "ENT" the value is copied and stored in the unit and move to the next item of the menu.

EQUIPMENT LIFE

Displays the total time of installation of plant operation



**EQUIPMENT LIFE
00 g – 00 H**

TOTAL WATER DELIVERY

Displays the total number of gallons delivered from the plant since the installation.



**TOTAL DELIVERY
Lit: 000000**

OPTIONAL SERVICE ONLY

LAST 30 DAYS

Displays the number of liters dispensed in the last 30 days

**LAST. DAYS 30GG
LIT: 277**

AVERAGE FOR DAY

View the average daily number of delivered litres, based on data collected during the last 30 days.

**AVERAGE FOR DAY:
RA LIT: 9.2**

TOTAL SAVINGS

See savings in Euro accounted for the entire life of the plant, according to the "cost of water," described below.

**TOTAL SAVINGS
EURO: 100.00**

SAVING MONTHS

See savings in Euro accounted for in the last 30 days. , Based on the parameter "water cost"

**SAVING MONTHS
EURO 224.00**

The total savings and monthly cost is calculated on the basis of water per gallon set in the user menu.

COST OF BOTTLED WATER SET

You can set the cost of a litre of water that you would if you buy bottled water.

**WATER COST CENT.
EURO/LIT 40**

To set the cost of water bottled expressed in cents per litre, using the "+" and "-" the panel. Press "ENT" the value is copied and stored in the unit and move to the next item of the menu.

The total savings and monthly cost is calculated on the basis of water per gallon set in the user menu.

To change the cost per litre of water in cents using the "+" and "-" the panel. Press "ENT" the value is copied and stored in the unit.

Note - The control unit as all electronic devices is a very sensitive component such as a surge. In such a situation can occur that may stop or signal error. In these cases it is often sufficient to turn the unit off and on again after a few minutes to reset the unit that cannot work properly.

21. WARRANTY COSTS*

The Warranty is included in the first year* from the date of the signed and returned installation form sign off sheet.

The first year warranty is included in the list price of the brochure.

On the anniversary of that date you will be invoiced for the 2nd year at 18% of the list price in the brochure.

On the anniversary of the third year you will be invoiced for the 3rd year at 18% of the list price in the brochure.

Included in the annual warranty is full replacement of faulty equipment (not wear and tear) moving parts or filtration that fails on its set standard. Each Enrichment vessel has a life of 5000 litres or 12 months which ever is sooner. Each filter has a life of 5000 litres Or 12 months, which ever is sooner.

Membranes have a 18000 litre life (domestic) (15000 marine, mobile or aero nautical) or the term of the agreed warranty, which ever is sooner.

1 set of enrichment vessels cost = £300 (included in the warranty). (this set provides 8000 litres of use)

1 set of filtration vessels cost = £240 (included in the warranty). (this set provides 8000 litres of use)

1 set of membranes set cost is only available on special request and will include the circuit board, base and all other areas of supply to the membranes = £1800 (included in your annual warranty).

Circuit pump is also included in the circuit base.

Circuit pump cost £155 Included in your annual warranty.

3 YEAR WARRANTY PURCHASE OFFER

You can pay the 18% of the list price as a one off payment (As advised on your quote) before installation or before 30 days after returning the sign off sheet to WET Marine.

This payment will entitle you to a 3 year warranty that will cease on the fourth anniversary of the signed sign off sheet. (Full terms and conditions apply).

*Filtration Only

22. PRODUCT WARRANTY

1. Who is eligible for the warranty

WET ENVIRONMENTAL (WE) offers a limited warranty to the end purchaser of the Product. Where you are acting as a consumer nothing in this warranty will affect your statutory rights.

This limited warranty is only applicable, if the Product was correctly installed in accordance with WE installation instructions in either the UK, an EU member state, Switzerland or Norway. This condition will be considered to have been met where installation is carried out by an installer authorised by WE. You may only make a claim in relation to Products that have been registered with WE. Products may be registered online or by filling out a Limited Warranty Card and posting it to WET ENVIRONMENTAL LTD GREVILLE HOUSE, 11 ABBEY HILL, KENILWORTH, WARWICKSHIRE CV8 1LU, United Kingdom.

2. Warranty period

WE provides this warranty for the following warranty periods provided that the Products are used in accordance with their instructions and installed within 3 months of delivery to you:

Professional appliances and equipment: a period of ONE (1) YEAR* from the date of installation (filtration only including marine, mobile and aero nautical); Sealed Refrigeration Systems (including all original compressors, condensers, evaporators, driers, the original refrigerant and the original connecting tubing): a period of TWO (2) YEARS from the date of installation (not including marine, mobile and aero nautical);

Professional appliances and equipment, used in marine, mobile or aeronautical applications: a period of SIX (6) MONTHS (filtration 12 months) from the date of installation. An extended warranty is required at the point of sale to keep the warranty beyond this time period for all non filtration appliances. (Date of installation sign off card determines the time period subject being installed within 3 months of delivery to you or which ever is the sooner). All Chillers are advised to be situated on a gyro base stabiliser for marine and mobile use.

3. What is covered by the warranty

WE warrants that your Product will comply with its specifications and any operating instructions that WE provides for the relevant warranty period as set out above from the date of installation of your Product as shown on the warranty certificate relating to your Product. This warranty is subject to the restrictions and conditions contained in this document.

The warranty covers the repair or replacement of all parts acknowledged to be faulty by WE or an authorised WE distributor. Labour charges are not included.

Exclusions – What is not covered by the warranty. This warranty does not apply if:

The relevant warranty period has expired;
The Product has not been registered with us;
The serial number label is missing or unrecognisable;
The Product, or any of its parts and accessories, have been altered or repaired in a faulty or negligent manner;
Damage is caused by failure to properly install, connect, operate, maintain, or clean the Product in accordance with WE instructions, or from use in any combinations not approved in the specifications, or from any unauthorised modifications or alterations;
Damage is caused by, or resulting from, non-standard or incorrect operation;
Damage is caused by neglect, accident or other factors beyond our control (e.g. fire, flooding or storms);
Damage is caused by the use of spare parts and consumables that are not of equivalent quality to genuine WE parts or consumables;
Damage is caused by transport or handling;
The Product is installed where the mains water pressure is greater than 3.5 bar and a pressure regulating valve has not been used;
The Product is installed where the mains water pressure is less than 1.5 bar and a pressure boost pump has not been used;
Unfiltered water has been used in the Product; (Subject only to a non specified filtration product)
The product has not been sanitised using the approved sanitisation products and processes recommended by WE;
The Product is installed within the same room as a swimming pool due to the high humidity and the impact this is likely to have on the internal components of the Product.

4. ADDITIONAL EXCLUSIONS

This warranty does not cover:

Claims in respect of any other damage or loss suffered including, without limitation, the hiring of replacement equipment, loss of business or profits, or any loss or damage to other property or items placed in, on or in the vicinity of a Product;
Consumable items such as water filter cartridges;
Ordinary wear and tear of the Product;
Routine maintenance of the Product:
Changing any preset settings, valves, pumps, pipes,wires,presure settings not in accordance to the supplied font/faucet/ pressure guidance.
Storm damage/fire/flooding;
Any changes without explicit written authority from the manufacturer.

5. How to claim under the warranty

If during the relevant warranty period you find that your Product is not compliant with its specifications you should take the following steps:

– you must report the defect to WE within 14 days of discovering the fault and before the expiry of the warranty period by completing this form in the installation manual/enclosed in the delivery item box.

– in order to make a claim under this warranty, you will need to provide verification of the purchase and installation dates and Product serial number. You will be responsible for packing the Product, and WE will arrange shipping or transportation to a WE repair centre. WE shall test the Product to determine what, if any, defect there is. If the Product is defective and the defect is covered by this warranty, WE shall, if possible, repair, or make arrangements for the repair of, the Product through an authorised distributor at no cost to you. This will include parts. If WE determines that the warranted repair of any Product is impossible, the Product shall, at WE discretion, either be replaced or refunded. Replaced Products shall become the property of WE.

*Filtration Only

Please note that the repair or replacement of any Product under this warranty will not cause the warranty period to be extended or restarted.

If WE determines that the Product is not defective, or that the defect is not covered by this warranty, you will be charged a collection charge. The amount of the collection charge will not exceed £50 per appliance. If there is a defect that is not covered by this warranty, and the Product is capable of repair, WE shall provide a quote for the repair of the Product. If you decide that you do not want to proceed with the repair, WE will charge a carriage charge to return the Product to you; such carriage charge shall not exceed £50.00 per appliance.

Where you are aware of what has caused the Product to become defective and you wish to order a replacement part, WE shall provide a replacement part free of charge provided that you return the defective part to WE within 30 days of receipt of the replacement part. If you do not return the defective part within the time stipulated, WE will issue an invoice for the price of the replacement part and applicable shipping.

6. PAYMENT

6.1 Unless different payment terms are expressly stated in the Purchase Order Confirmation, payment terms shall be one hundred (100) percent of the Price to be paid by the Buyer upon receipt of the Purchase Order Confirmation.

6.2 The Buyer shall pay the Price in accordance with the payment terms in full without deduction or withholding except as required by law or otherwise in accordance with any credit terms agreed in writing between the Seller and the Buyer.

6.3 Unless a different payment method is expressly stated in the Purchase Order Confirmation, all payments should be made by direct electronic transfer to arrive at the Seller's bankers as detailed on the Purchase Order Confirmation by the due date and time of payment is of the essence.

6.4 Payment must be made by the Buyer in accordance with the payment terms in this condition 6, notwithstanding that delivery may not have taken place and/or that title to the Goods may not have passed to the Buyer.

6.5 All terms of payment offered to the Buyer are subject to the Seller receiving a favorable credit report from its own sources. If the credit report is unfavorable, the Seller reserves the right to change the terms of payment or cancel the order at any time before delivery or collection of the Goods.

6.6 If the Buyer fails to make payment in accordance with the payment terms in this condition 6, the Seller reserves the right to suspend any further deliveries to the Buyer and/or cancel any pending order set out in a Purchase Order Confirmation and/or repossess the Goods in accordance with condition 11.5 and shall charge the Buyer interest at the rate of 5% per annum above the Bank of England base rate from time to time on the amount outstanding until payment is received in full.

6.7 All payments must be made in the currency stated on the invoice unless otherwise agreed in writing between the Seller and the Buyer.

6.8 Neither party is entitled to assert any credit, deduction, set-off or counterclaim against the other in order to justify withholding payment of any such amount in whole, or in part.

7. AS INCLUDED IN TERMS AND CONDITIONS

7.1 The Goods described in the Purchase Order Confirmation will:

- (a) conform to applicable specifications;
- (b) be of good workmanship and materials;
- (c) will be free from design defect;
- (d) be of satisfactory quality (within the meaning of the Sale of Goods Act 1979; and
- (e) be fit for any purpose held out by the Seller.

7.2 The product warranty set out in this condition 7 ("product warranty") covers defects in materials and workmanship in the Goods stated in the Purchase Order Confirmation under conditions of normal use and service for a period of five years from the date on which title for the Goods pass to the original Buyer.

7.3 Only the original Buyer of the Goods can make a claim under this product warranty. This product warranty is not transferable to subsequent purchasers or owners of the Goods.

7.4 To make a claim under this product warranty, the original Buyer of the Goods must prove ownership of the Goods by registering their purchase with the Seller using the product warranty card provided with the Goods or through the Seller's website, or by providing proof of purchase when making a claim under this product warranty.

7.5 The Goods covered by this product warranty should be serviced and maintained in accordance with the Goods servicing instructions supplied with the Goods and the label bearing the serial number of the Goods must not be removed or defaced. Any breach of this condition 7.5 will void this product warranty.

7.6 The Buyer is liable for all costs related to the servicing and maintenance of the Goods.

7.7 This product warranty does not cover any further use by the Buyer following notice to the Seller of a claim under this product warranty, fair wear and tear, damage wilful or otherwise, deterioration or malfunction resulting from any operation contrary to our instructions or failure to follow our written or oral instructions as to storage, maintenance and use of the Goods, alteration, modification, improper or unreasonable use or maintenance, incompatibility with accessories not provided by the Seller or a Seller authorized seller, misuse, misapplication, negligence, abuse, accident, neglect, exposure to excess moisture, fire, flood, freezing, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This product warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with the Goods, any repairs or alterations attempted by anyone unauthorized by the Seller or a Seller authorized seller, or any other cause which does not relate directly to a defect in materials and/or workmanship of the Goods. This product warranty does not cover cartons, equipment enclosures, cables or accessories used in conjunction with the Goods.

7.8 This product warranty does not cover any costs for servicing to diagnose a claimed malfunction in the Goods or corrective work necessitated by repairs made by anyone other than a Seller approved technician or service calls to correct the installation of the covered Goods or to explain the usage of the Goods to the Buyer.

7.9 Without limiting any other exclusion herein, the Seller does not warrant that the Goods covered hereby will not become obsolete or that such Goods are or will remain compatible with any other product or technology with which the Goods may be used.

7.10 The Seller will, at its sole option, provide one of the following three remedies to whatever extent it shall deem necessary to satisfy a proper claim under this product warranty:

- (a) Elect to repair or facilitate the repair of any defective parts in the Goods within a reasonable period of time, free of any charge for the necessary parts and labor to complete the repair and restore the Goods to their proper operating condition. The Seller will also pay the shipping costs necessary to return the Goods once the repair is complete; or
- (b) Replace the Goods with a direct replacement or with a similar Goods deemed by the Seller to perform substantially the same function as the original Goods; or
- (c) Issue a refund of the original Price less depreciation, as determined by the Seller at its sole discretion.

7.11 Any return of Goods should be made in accordance with condition 8.

7.12 If Goods are returned to the Seller or a Seller authorized seller from which it was purchased or any other party authorized by the Seller to repair the Goods, the Goods must be insured during shipment, with the insurance and shipping charges prepaid by the Buyer. If the Goods are returned uninsured, the Buyer shall assume all risks of loss or damage during shipment. The Seller will not be responsible for any costs related to the removal or re-installation of the Goods from or into any installation. The Seller will not be responsible for any costs related to any setting up of the Goods, any adjustment of user controls or any programming required for a specific installation of the Goods.

7.13 The remedies set forth in condition 7.10 are the only remedies available to the Buyer of the Goods and this product warranty contains the entire agreement between the Seller and the Buyer in relation to the warranties given by the Seller to the Buyer in respect of the Goods, to the exclusion of all other communications between the parties, whether oral or written, express or implied. To the maximum extent permitted by law, the Seller specifically excludes any and all implied warranties, including without limitation, warranties of merchantability and fitness for a particular purpose.

8. INSPECTION

8.1 The Buyer is under a duty to inspect the Goods on delivery or collection and failure to do so shall mean the Buyer is deemed to have accepted the Goods in the condition in which they are delivered or collected and, subject to condition 9 and condition 12, the Seller shall be under no liability to the Buyer in respect thereof.

8.2 If the Goods cannot be examined, the carriers note or such other note as appropriate must be marked "not examined".

8.3 If the Buyer identifies any defects or shortages it must inform the Seller in writing within 7 days of delivery or collection, providing details of the alleged defects or shortage. The Seller shall not be liable if the Buyer fails to provide such notice.

8.4 If notice is given by the Buyer in accordance with condition 8.3, the Seller must be permitted to inspect the affected Goods before the Buyer uses, alters or modifies them in any way.

8.5 Subject to the Buyer's compliance with this condition 8 and the Seller's agreement with any alleged defects or shortages, the Seller shall at its sole discretion provide a remedy to the Buyer in accordance with condition 7 or condition 9.

9. RETURNS

9.1 Goods may not be returned without the prior written agreement of the Seller.

9.2 The Seller shall only accept returned Goods if it is satisfied that those Goods are defective and that such defects would not be apparent on inspection by the Buyer.

9.3 If the Seller agrees that the Goods are to be returned or repaired in accordance with condition 7 or this condition 9, the Buyer must obtain a Goods return authorization reference from the Seller prior to return or repair of the Goods.

9.4 When returning the Goods to the Seller:

- (a) the Buyer bears the risk of returning the goods;
- (b) the Buyer bears the cost of returning the Goods (unless the seller agrees they are defective on the receipt of the defective goods, according to the warranty terms and conditions) in which case the reasonable costs for carriage in relation to a return of the Goods will be re-paid by the Seller; and
- (c) the Buyer indemnifies the Seller against any costs incurred in rectifying any deterioration of the Goods resulting from the Buyer's incorrect handling or storage of the Goods.

10. SPECIFIC EXCLUSIONS: INSTALLATION

The Seller accepts no liability in any circumstance arising from the use of the Goods (including, but not limited to, installation or relocation) by the Buyer or any third party that the Buyer contracts with independently of the Seller (including any Seller authorized seller or technician). The Seller does not provide installation services and as a result the Buyer is wholly responsible for the installation of the Goods.

11. RISK AND TITLE

11.1 Risk of damage to or loss of the Goods shall pass to the Buyer either when the Goods are delivered to the Buyer or when the Seller notifies the Buyer that the Goods are ready for collection.

11.2 If the Buyer fails to take delivery of the Goods, risk shall pass to the Buyer at the time when the Seller has tendered delivery of the Goods.

11.3 Once delivery of the Goods has been made to the Buyer, the Buyer shall, until such time as title to the Goods passes to the Buyer:

- (a) store the Goods separately from all other goods held by the Buyer so that they remain readily identifiable as the Seller's property;
- (b) not remove, deface or obscure any identifying mark or packaging on or relating to the Goods;
- (c) maintain the Goods in satisfactory condition and keep them insured against all risks for their full price from the date of delivery;
- (d) notify the Seller immediately if it becomes subject to any of the events listed in condition 9.6; and
- (e) give the Seller such information relating to the Goods as the Seller may require from time to time.

11.4 Legal and beneficial title in the Goods shall not pass to the Buyer until the Seller has received payment in full of the Price, plus any applicable VAT/taxes, insurance and/or delivery/packing charges.

11.5 The Seller reserves the right to repossess any Goods in which the Seller retains legal and beneficial title if full payment is not received in accordance with condition 7. In the event of such repossession, the Buyer shall deliver the Goods in which legal and beneficial title has not passed to the Seller at its own cost.

11.6 The Buyer's right to possession of the Goods in which the Seller retains legal and beneficial title shall terminate if:

- (a) the Buyer commits a material breach of its obligations under these Standard Terms and Conditions;
- (b) the Buyer suspends, or threatens to suspend, payment of its debts, or is unable to pay its debts as they fall due or admits inability to pay its debts, or (being a company or limited liability partnership) is deemed unable to pay its debts within the meaning of section 123 of the Insolvency Act 1986, or (being an individual) is deemed either unable to pay its debts or as having no reasonable prospect of so doing, in either case, within the meaning of section 268 of the Insolvency Act 1986, or (being a partnership) has any partner to whom any of the foregoing apply;
- (c) the Buyer commences negotiations with all or any class of its creditors with a view to rescheduling any of its debts, or makes a proposal for or enters into any compromise or arrangement with its creditors other than (where the Buyer is a company) where these events take place for the sole purpose of a scheme for a solvent amalgamation of the Buyer with one or more other companies or the solvent reconstruction of the Buyer;
- (d) (being a company) a petition is filed, a notice is given, a resolution is passed, or an order is made, for or in connection with the winding up of the Buyer, other than for the sole purpose of a scheme for a solvent amalgamation of the Buyer with one or more other companies or the solvent reconstruction of the Buyer;
- (e) (being a company) an application is made to court, or an order is made, for the appointment of an administrator or if a notice of intention to appoint an administrator is given or if an administrator is appointed over the Buyer;
- (f) (being a company) the holder of a qualifying floating charge over the Buyer's assets has become entitled to appoint or has appointed an administrative receiver;
- (g) a person becomes entitled to appoint a receiver over the Buyer's assets or a receiver is appointed over the Buyer's assets;
- (h) (being an individual) the Buyer is the subject of a bankruptcy petition or order;
- (i) a creditor or encumbrancer of the Buyer attaches or takes possession of, or a distress, execution, sequestration or other such process is levied or enforced on or sued against, the whole or any part of its assets and such attachment or process is not discharged within 14 days;
- (j) any event occurs, or proceeding is taken, with respect to the Buyer in any jurisdiction to which it is subject that has an effect equivalent or similar to any of the events mentioned in condition 9.6(b) to condition 9.6(i) (inclusive);
- (k) the Buyer suspends, threatens to suspend, ceases or threatens to cease to carry on all or a substantial part of its business;
- (l) the Buyer financial position deteriorates to such an extent that in the Seller's sole opinion the Buyer's capability to adequately fulfil its obligations under these Standard Terms and Conditions has been placed in jeopardy; or
- (m) (being an individual) the Buyer dies or, by reason of illness or incapacity (whether mental or physical), is incapable of managing his or her own affairs or becomes a patient under any mental health legislation.

12. RIGHTS AND LIABILITY

12.1 Subject to these Standard Terms and Conditions and except where the Buyer is purchasing the Goods as a consumer, all warranties, conditions or other terms implied by statute or common law (save for those implied by Section 9 of the Sale of Goods Act 1979) are excluded to the fullest extent permitted by law.

12.2 The Seller shall not be liable whether in contract, tort (including negligence), breach of statutory duty, or otherwise, for any:

- (a) direct, indirect, special, incidental or consequential losses or damages suffered or incurred by the Buyer for whatever reason;
- (b) loss, damage or expense arising from loss of use or business interruption;
- (c) loss, damage or expense from third party claims;
- (d) loss, damage or expense from any damage to reputation or goodwill;
- (e) loss of business suffered by the Buyer for whatever reason;
- (f) loss of direct profits suffered by the Buyer for whatever reason;
- (g) loss of indirect profits suffered by the Buyer for whatever reason;
- (h) loss, damage or expense from failure to meet an estimated or revised delivery date or delivery shortages on delivery; or
- (i) loss, damage or expense resulting from a delay or failure to deliver the Goods due to the default of the Buyer, arising from a breach of these Standard Terms and Conditions or otherwise.

12.3 The Seller has no liability, whether in contract, tort (including negligence), breach of statutory duty or otherwise, for any breach of implied conditions resulting from the Buyer not following the Seller's instructions for storage, use, servicing and maintenance of the Goods.

12.4 Subject to condition 10.5, the Seller's maximum liability will be limited by condition 10.6.

12.5 Nothing in these Standard Terms and Conditions shall limit or exclude the Seller's liability for:

- (a) death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors (as applicable);
- (b) fraud or fraudulent misrepresentation;
- (c) breach of the terms implied by section 9 of the Sale of Goods Act 1979;
- (d) defective products under the Consumer Protection Act 1987; or
- (e) any matter in respect of which it would be unlawful for the Seller to exclude or restrict liability."

12.6 The Seller's maximum liability whether in contract, tort (including negligence), breach of statutory duty, or otherwise shall not exceed the actual Price paid by the Buyer for the Goods.

12.7 The Buyer agrees to notify the Seller of any matter that might lead to a claim for breach of contract or product warranty as soon as the Buyer becomes aware of such matters.

23. MAINTENANCE REGISTER

KINDS OF INTERVENTION:

- FIRST INSTALLATION
- FIRST START UP
- PERIODICAL PRE-FILTER REPLACE
- PERIODICAL CHANGE OF THE BACTERICIDE LAMP
- SANITIZING
- INTERVENTION IN CASE OF DAMAGE (SPECIFY THE DAMAGE)
- SECOND INSTALLATION
- SECOND START UP

| DATE | TYPE OF INTERVENTION | NAME | SIGNATURE |
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