

## System For Potable Water Quality Management On-board

### A. Summary

Our systems treats the water just before entering the glass or the cooking equipment removing the harmful contaminants and sediments that, based on our experience, are present in most vessel's water networks (i.e. tanks and piping). In addition our systems provide a sufficient solution to the unwanted situation of the usually unattended shipment of bottled water, which doesn't ensure the correct transportation conditions indicated in bottled water labels (i.e. store / transport the bottle in dry and cool place below 18°C, out of direct sunlight and away from toxic chemicals).

Installing **Aquarius Plus** systems on board assist company to move towards to more environmental friendly practices by removing a large amount of plastic bottles from the environment and the relevant power consumption necessary for the production. For example with 25 persons crew x 2 bottles (1,5lt) per day / person x 365 days = **18.250 bottles / year**. Our resent research, getting the prices from a number of ports (Piraeus, Brazil/Santos, Canada/Vancouver, Panama, Chile and China, we calculate that the estimate average price for 1,5 lt bottle is **0,395 EURO**.

For realistic analysis of the current costs of potable water supply you should include the additional costs related with the transportation of the bottled water on board (i.e.cost for barges and trucks), the storage and the waste management (i.e. cost for plastic bottle handling with compactors, trash bags and waste management companies).

As a result, your company has a saving, your crew has a healthy water to drink and cook and your contribution to the environment protection is invaluable.

**Aquarius Plus** and **Aquarius Plus Kitchen** have been already operating to a number of well known Greek shipping companies.

An out line of the advantages of our systems are indicated below:

### B. Technical Advantages

- Removal of over 95% of total diluted solid particles, 99% of all organic substances, destroy about 99,99 % of bacteria, virus and other microbe
- Reduce upto99% of chlorine
- Reduce effectively lead, mercury and radium to the potable water
- Certified for removal of more infective factors bad for the health comparing system based only to activated carbon filters
- Use of filter of control able addition of metallic ingredients like magnesium (Mg), calcium (Ca), sodium (Na) and fluorine (F),demanding ingredients for the healthy grown of the human body
- Improves the flavor, smell and limpidity of the water.

- Improves the flavor of drinks and foods
- Uses control instrument to measure quality of water as well as the status of the filters
- Sufficient water flow for reduced filling time for bottles and glasses
- Long period of filter lifetime
- Compact / robust design ( Aquarius Plus: Stainless steel casing INOX 304) in order to conserves pace and with stand harsh sea environment and hits
- Easy use, installation and replacing of filters by crew
- Possibility for additional stages ( Aquarius Plus Kitchen)
- Strong Reference list in Greek market
- Costs lower than bottled water per year , cost for transportations , cost for waste management etc
- NSF® ( National Sanitation Foundation ) International standards water storage tank and filters
- FDA® ( U.S. Food and Drug Administration ) approved polypropylene made flat cap housing ( double O-ring )
- TUV Approval

### C. Commercial Proposal

In view of the above kindly find below our commercial proposal :

No	code	Description	Recommended Service time	Prices/pc (EURO)
<b>1</b>		<b>AQUARIUS PLUS GVII ( 8 Filtering Stages )</b>		<del>3,000,00</del> 2,800,00
1.1		Stage 1 Filter	4 months	45,00
1.2		Stage 2 Filter	4 months	60,00
1.3		Stage 3 Filter	4 months	50,00
1.4		Stage 4 Membrane	1 year	166,00
1.5		Stage 5 Filter	1 year	57,00
1.6		Stage 6 & 7 Filter	1 year	57,00
1.8		Stage 8UV Lamp	9.000hrs/~1,5year	60,00

<b>2</b>		<b>AQUARIUS PLUS GVII KITCHEN ( 8 Filtering Stages )</b>		3,300,003,100,00
2.1		Stage 1 Filter	4 months	45,00
2.2		Stage 2 Filter	4 months	60,00
2.3		Stage 3 Filter	4 months	50,00
2.4		Stage 4 Membrane	1 year	166,00
2.5		Stage 5 Filter	1 year	57,00
2.6		Stage 6 & 7 Filter	1 year	57,00
2.8		Stage 8UV Lamp	9.000hrs/~1,5year	60,00
<b>3</b>		<b>AQUARIUS SPECIAL MODELS</b>		
3.1		Aquarius Plus (Cooler Version)		<del>4.000,00</del> 3,800,00
3.2		Aquarius Plus Kitchen (Cooler Version)		<del>4.300,00</del> 4,100,00

<b>4</b>		<b>PRO-FILTRATION UNIT</b>		<del>600,00</del> -500,00
4.1		Stage 2 Filter <b>Note:</b> Stage 1 Filter is washable, available on demand	6 months	60,00

**Important Notes:**

- The duration of the “**Recommended Service Time**” of the consumables is referring to stable production of 300L & 1000L (depending on the device) and poor condition of the pipe network without installation of **Profiltration Unit**. If the piping network is in good condition and without exceeding the limit of the production unit, consumables will cost you as we informed you in our initial meeting.
- **Stage 6 & 7** were merged in to a filter after thorough laboratory research so it can achieve the required results.
- We are strongly recommend the use of our **Pro-Filtration Unit** in any installation of Aquarius Plus or Aquarius Plus Kitchen due to the poor condition of pipe networks .

**Terms and Conditions:**

Delivery: We may deliver goods at vessel’s convenient call, ex work

Greece, Delivery time: To be agreed. Expected delivery time:

**Aquarius Plus:** Available,

**Aquarius Plus Kitchen:**

Available **Pro-filtration Unit**

: Available.

Subject to prior sales. Alternatively customer may use his own forwarder, picking up the goods from Martechnic Navigation LTD, Athens Greece (only for non-hazardous goods)

Shipment cost: Shipment cost shall be borne by the

customer Payment: Tobe agreed.

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