



Aquarius Plus™

Automated System for Water Quality Management Onboard

The extension to Aquarius™ automated monitoring system
for the quality of produced fresh water onboard.

High quality Drinking Water Onboard

The procedure

- STAGE 1 : The water is coming out from the desalination system of a ship and flows to vessels Drinking Water pipe network . Upon enter to our DW station is passing through a polypropylene filter to reduce all existing particles up to 5 micron as rust, sand etc
- STAGE 2: A high quality carbon filter reduces up to 98% the chlorine and other chemical contentment.
- STAGE 3: An enzymatic filter is cleaning the water from all chemical solution existing in the water up to 1 micron! Disarming any possible activity against the human health .
- STAGE 4: A reverse osmosis membrane (TFC) separates the 95-99% of infected solutions from water molecules . All the infected molecules are washed and then drain to the vessels sewage network of the ship .
- STAGE 5: The water passing through the MET AQUA PRO SYSTEM which extract all remaining chemical or infected solutions bad for the human body . At this stage the water has become A SAFE AND KRYSTAL CLEAR DRINKING WATER .
- STAGE 6: This Filter is developing the properties of the clean water with the addition of the demanding ingredients , for the healthy grown of the human body , non – organic solutions like Ca ,Mg ,Na , and all rest s are existing in many natural Mineral bottled Water .
- STAGE 7:This Filter controls the balance and stability of all mineral ingredients . This Alkalic filter changes the acidic parameters to a natural alkalic water .This reduces the acidity in the human body and produces ions of Ca , Mg , Na , K able to be absorbed from the human body 100%.
- STAGE : A UV lamp sterilizes 100% the DW before enter to your Glass

Aquarius Plus™



THE EQUIPMENT

- Built in 8 stages system
- Cold and hot water button
- Lock for hot and cold water
- 20 liters per Hour production
- The small and minimal shape is user friendly
- Aquarius Plus is delivered sterilized and tested ready for immediate use

Aquarius Plus™



- Particulars
- Cold water 20 liters per Hour
- Hot water 10 liter per Hour
- Daily production 300 Liters Max
- Electric power 110/220/240 volt (50/60 Hz)
- Weight 22,5 Kg

Aquarius Plus™ (Kitchen)

- Professional system with production capacity 1514 liters daily . This is the most productive solution for application in the kitchen onboard of the ocean or coastal Vessels .
- Protecting in full the crew from bacteria infection through the feeding chain using our RO technology .

Characteristics

- 80 liters storage Tank
- Approved 2 high efficiency membrane producing 750 Liters Per day at 100psi
- Built –in relish valve for the protection of membrane
- Pressure Valve control for the pipe lines protection .
- Is delivered sterilized ready to used 100% tested
- Five filters and 4 membranes installed
- Accessories : Pre-Filtering /additional storage tank