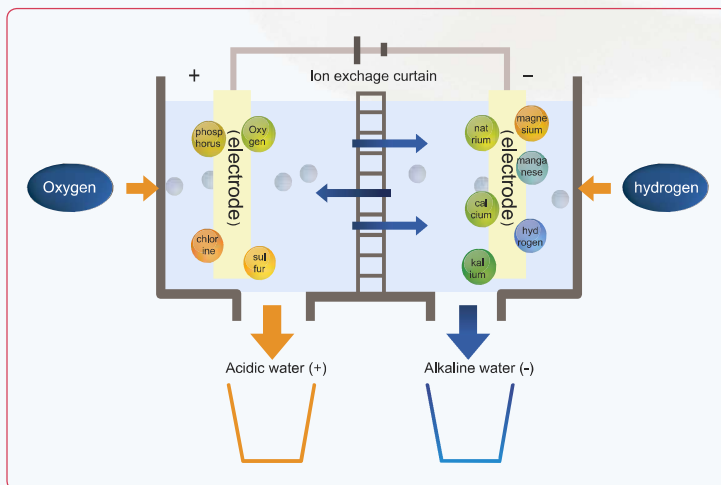
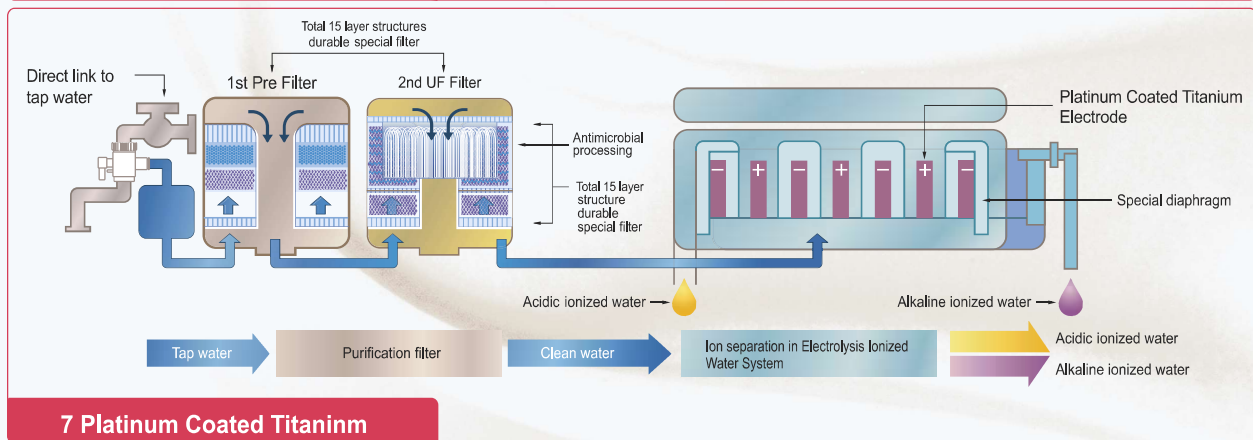
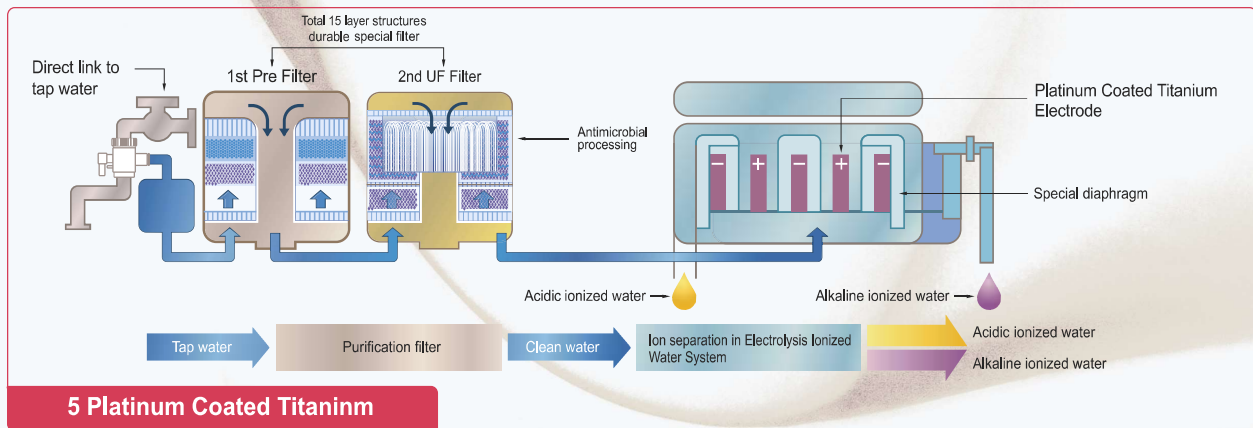


TECHNOLOGY

ELECTRODE / FILTER

As the original form of water, tapped water is filtered and get electrolyzed, alkaline water is created at a cathode and acidic water at an anode. Since a cathode contains lots of positive ionic substance, such as Ca^{2+} , Mg^{2+} , K^+ and Na^+ , as well as H_2 , alkaline water with high pH is created. An anode, which has a lot of negative ionic substance, such as Cl^- and S^- , produces acidic water with low pH.

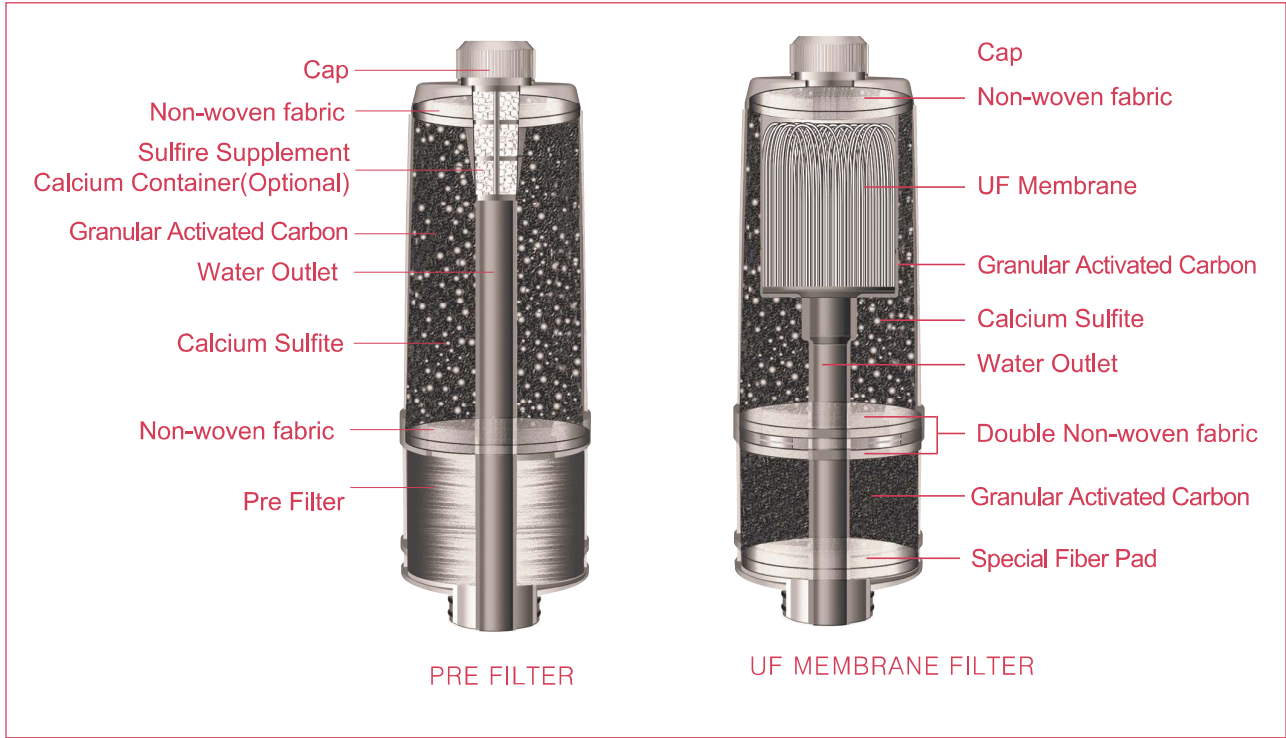


ELECTRODE PLATE

Grade 1 Unalloyed Titanium Scope used
Purity 99.99% Platinum coated (DSM 0.6 μ m Thickness)

- High current efficiency
- High anti-corrosion property & lasting working life
- Keep the operating voltage stably
- No pollution
- Small size & light weight

FILTER

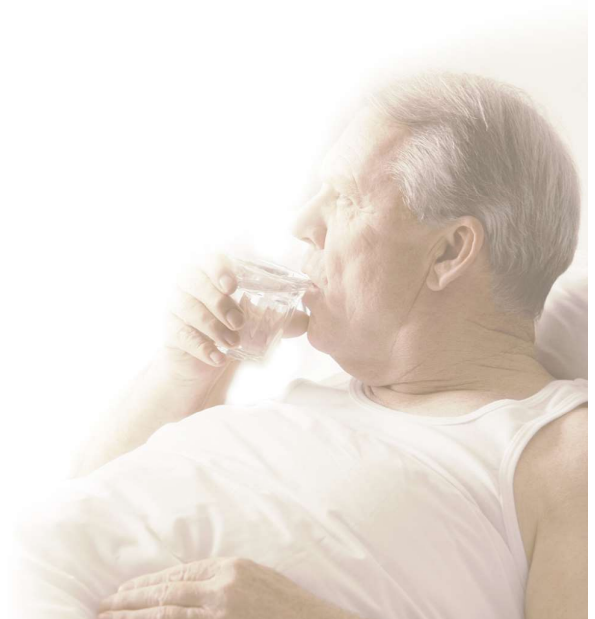


HIGH QUALITY FILTER MEDIA (NSF CERTIFIED)

UF MEMBRANE	<p>Total Suspended Solids (TSS) reduction Bacteria, Virus and Cyst reduction Applicable for direct use on ground and surface water supplies Ease of use for point-of-entry (POE) applications Ease of membrane cleaning High product water volume Reduced occurrence of chemical by-product formation Efficient destruction of organic contamination</p>
CALCIUM SULFITE	<p>Removing Chlorine and Heavy Metal such as Lead, Mercury, Cadmium and Aluminium. Absorbing and neutralizing $\text{Ca}(\text{OCl})_2$, Chloride, which are not filtrated by granular activated carbon and silver nano activated carbon and fostering taste of water.</p>
SILVER CARBON	<p>Inhibition of the growth of bacteria within the media bed. Removal objectionable tastes, dors and color from municipally-treated water supplies. Eliminating harmful substances, taste, smell and pigment, fostering better taste of water, restricting propagation of bacilli and sterilizing.</p>
GAC (Granular Activated Carbon)	<p>Removal of Chlorine, Trihalomethanes (THMs), Chemicals, Impurities and Volatile Organic Chemicals (VOCs) from water. As a method to absorb contaminants and especially removing chloride, agricultural chemicals, carcinogen (Tri-Halo Methane), turbidity, unpleasant taste/smell and organic chemicals.</p>
PRE-FILTER (SEDIMENT FILTRATION)	<p>Removal of Turbidities, Sediment, Rusts and Microorganisms from water.</p>

RELATED TEST PASSED

- Microbial Contaminants : Passed
- Inorganic Contaminants : Passed
- Pesticides & Herbicides : Passed
- Organic Chemical Contaminants : Passed
- Radioactive Contaminants : Passed



689-21 Geumjeong-dong, Gunpo-si, Gyeonggi-do, South Korea
 Tel. +82-31-459-3853~7 Fax. +82-31-429-3859
 E-mail. btm@biontech.biz Web. www.bion-tech.com

