



**BLUE MARBLE WATER
SOLUTIONS**

Purity you can taste!

www.BlueMarbleH2o.com

High-Purity Process Water



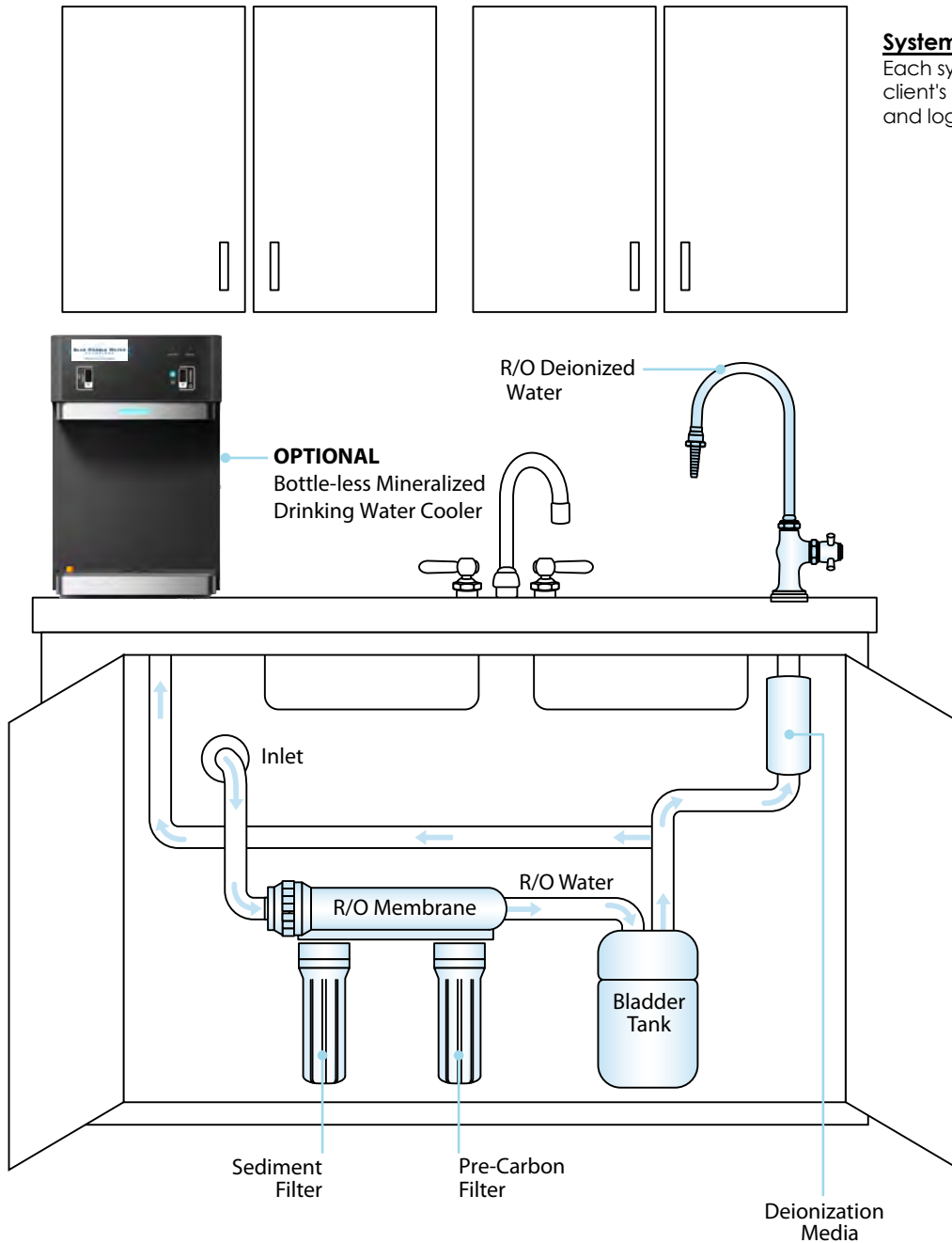
Deionized (DI) Water System

- ◆ An endless supply of "distilled-grade" water
- ◆ State-of-the-art multi-staged purification with ion-exchange technology
- ◆ Compact & customizable under-sink installation
- ◆ Dedicated faucet for easy access and dispense
- ◆ Option to add digital in-line dual TDS monitor
- ◆ Perfect for manufacturing, food-processing, autoclaves, dental offices, veterinary clinics, optical labs, pharmacies, facial steamers and MORE!



Deionized (DI) Water: "Distilled-Grade" Water on Demand

The Blue Marble Water Deionized (DI) Water System is a multi-stage purification system that delivers "distilled-grade" water free of pathogens, dissolved solids, minerals, salts, and other impurities which is often required for commercial and laboratory applications. Our scalable fill station provides ultra-pure water on demand, eliminating the need for deliveries of distilled water or on-site slow steam water distillers. Deionized water is often called for in manufacturing, rinse stations, dental offices, veterinary hospitals, optical labs, pharmacies, food-processing operations, and as a rinse agent since it leaves absolutely no salts or other minerals behind.



System Specifications Varies:

Each system is customized to each client's specific application, volume, and logistical needs.

- Perfect for autoclaves and high-tech equipment that require high-quality water
- Reduces costly maintenance of expensive equipment
- Eliminates the time, hassle and expense of buying and/or delivered bottles of distilled water
- Makes 50 or more gallons of distilled-grade water per day
- Environmentally-friendly system, with no plastic bottles to be disposed in landfills.
- Compact and customizable under-sink installation
- Dedicated faucet for easy access and container filling
- Options:** add bottle-less mineralized water cooler and HM Digital In-line Dual TDS Meter



Purity you can taste!

www.BlueMarbleH2o.com

Blue Marble Water Solutions
P.O. Box 322
Sellersville, PA 18960
215-453-2192

WHAT IS DEIONIZED (DI) WATER?

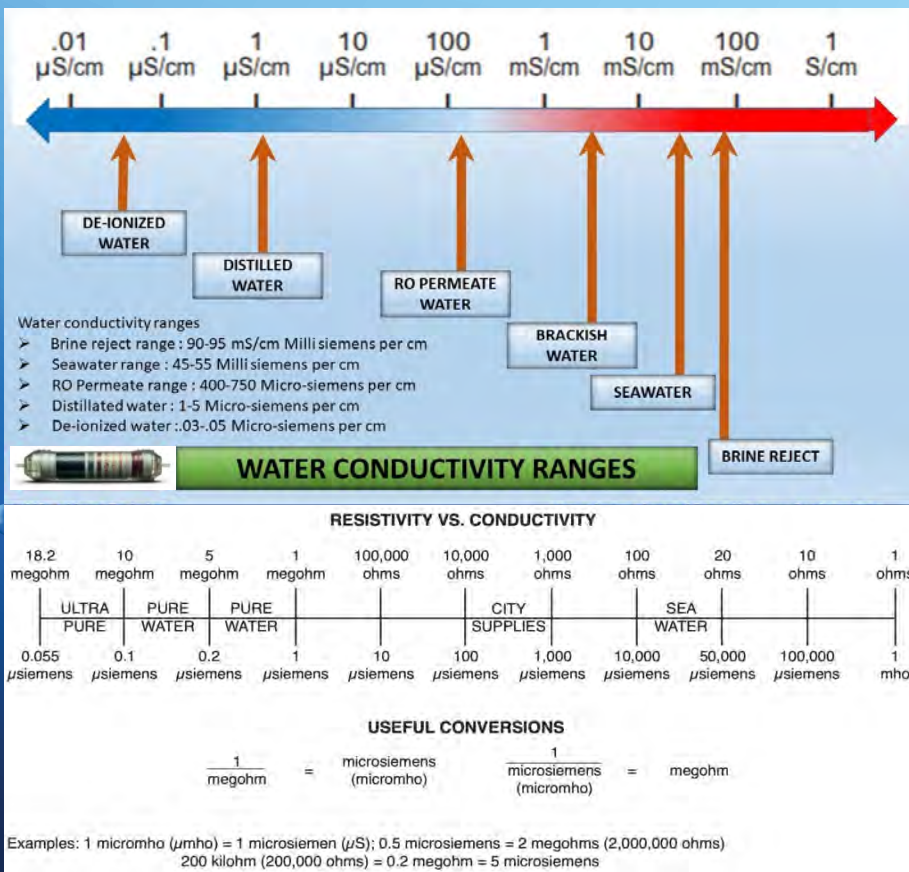
Deionized Water ("DI Water") is often synonymous with "demineralized" water due to the fact that all of the mineral ions are removed.

Did you know that DI Deionized (DI) water is not only pure, but it is cleaner than distilled water?

When Ion-Exchange Technology is combined with Reverse Osmosis technology, it creates a "ultra-pure" or cleaner alternative to expensive distilled water for laboratory grade applications.

Distilled Water is considered "PURE WATER"- carries a conductivity of 0.5 microsiemens or 2 megohms-cm.

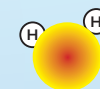
DI/RO Water is "ULTRA-PURE WATER"- carries a conductivity of LESS THAN 0.1 microsiemens or 14-18 megohm-cm.



DEIONIZATION

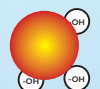
Deionization is the procedure by which water is passed through ion exchanges to remove ions such as calcium and fluoride and replace them with hydrogen ions and hydroxyl ions which then reform to make pure water molecules.

H⁺ HYDROGEN ION



CATION RESIN

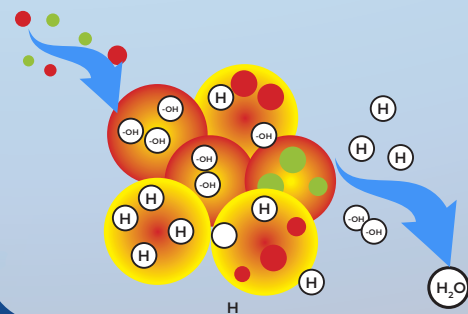
OH⁻ HYDROXYL ION



ANION RESIN

Cations are positively charged ions such as Sodium, Calcium, Iron & Magnesium.

Anions are negatively charged ion such as Chloride, Sulfate, Nitrate & Fluoride.



BLUE MARBLE WATER SOLUTIONS

Purity you can taste!

www.BlueMarbleH2o.com

Blue Marble Water Solutions
 P.O. Box 322
 Sellersville, PA 18960
 215-453-2192