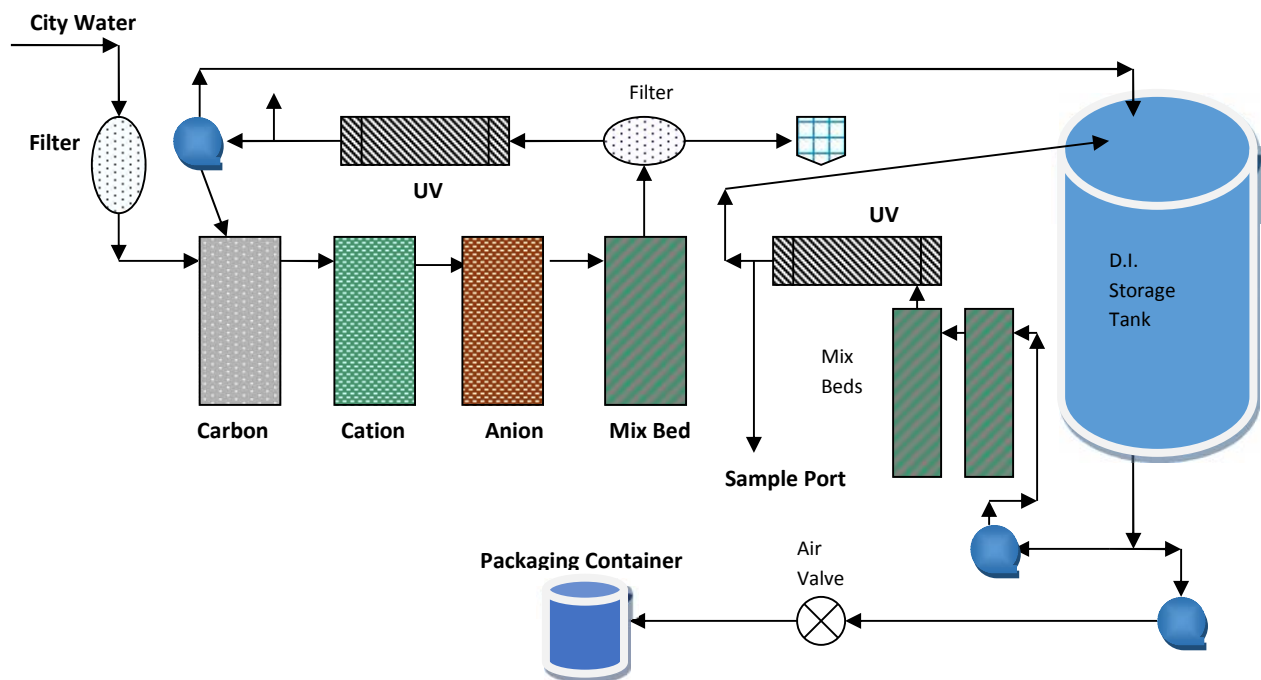


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## DEIONIZED WATER

Ingridi Deionized water has almost all ionized minerals and salts (both organic and inorganic) removed through the process of ion exchange.

Deionization filters operate by exchanging positive hydrogen and negative hydroxyl molecules for the positive and negative contaminant molecules in the water. Positive chemicals like sodium, calcium, iron, and copper change places with the hydrogen molecules, and negative chemicals like iodine, chloride and sulfate change places with the hydroxyl molecules. Tilley Deionized water is then run through a UV light system to kill any existing bacteria.



Specification	Test Unit	Limit
Heterotroph Plate Count	cfu/ml	Max 2
Total Coliform Bacteria	Coli/100ml	Max 1
TOC (Total Organic Carbon)	ppm	Max 1.0
Conductance (Specific)	umhos/cm	Max 2

### Storage & Shelf Life

Storage at room temperature and at low relative humidity (55%) in tightly sealed container is recommended. This product is very stable and has been given a 5 year "best by" date. It is recommended to retest after 5 years.