

**ANNEXURE -4****Water Purifier (RO+UV system)**

Water Purifier for drinking water based on RO+UV technology purification must have following features and technical specification.

**Features:**

- Suitable for Purification of Tap Water/Municipal Corporation Water, Borewell water, Water from tankers etc.
- Suitable to removes fine suspended particles such as dust, dirt mud and sand from water, excess chlorine and organic impurities.
- It must adsorb bad taste and odour from the water.
- It should be retain essential minerals like calcium and magnesium naturally present in water.
- Suitable to reduce TDS, hardness pesticides and heavy metals like arsenic, lead and mercury. Eliminates microorganisms like bacteria, virus, protozoa and cysts.
- Suitable to remove residual organic impurities and enhances the original taste of water.
- It must disinfect the water by eliminating waterborne disease-causing bacteria, viruses and protozoa, thereby making it safe to drink.
- Facility to Adjust the TDS of purified water to provide healthy water always.
- Suitable to provide crystal clear clarity to drinking water and free from bacteriological contamination.

**Technical specifications:**

Installation Type	: Wall mounted
Weight	: 8-10 Kg.
Storage Capacity	: 7-8 Ltrs.
Water flow rate	: 15 Ltr./hr. or better
Input water pressure	: 2.0 kg/sq. cm (max) 0.6 kg/sq. cm (min)
Input temperature	: 10-40 °C
UV Lamp	: 11 watt
Membrane type	: Thin Film Composite RO
Operating Input voltage	: 230 V AC/50 Hz.

**Acceptable Make:** Kent, Eureka Forbes (Aqua guard)

**Notes:**

1. List of essential accessories and spares should be quoted separately for smooth operation for a period of two years.
2. The quotation should be accompanied by original pamphlets.
3. Dealership/ Authorization certificate from the manufacturer must be attached.