

ZERO B™
PURE WATER SOLUTIONS

Kitchen Mate

RO Water Purifier



*"Accessories shown may not be a part of the standard product"
"This unit comprise of product, tank & faucet"*

Under the Counter RO Model



7-Stage Purification

Stage 1: Pre-Filtration

Inlet water passes through micron PP filter bag rated finer than 20 microns which removes impurities like sand, silt, hair and particles from water.

Stage 2: High-Q Filtration

Water undergoes a coarse filtration followed by fine filtration through a special filter, which holds higher quantity of fine particles and suspended impurities.

Stage 3: Bacteriostatic Activated Carbon Cartridge

This highly filtered water then passes through a Bacteriostatic Activated Carbon filter (high grade silver impregnated carbon) which removes organic impurities, carcinogenic chemicals (such as VOC and THMs), chlorine, colour and odour from water. It also prevents the growth of bacteria on the carbon itself. This makes the water crisp to taste.

Stage 4: Sediment Cartridge (10 micron)

The sediment cartridge in this stage filters out fine suspended impurities from water and hence offers high clarity to water.

Stage 5: Reverse Osmosis Membrane

Reverse Osmosis Membrane having pore size of 0.0001 micron rejects all kinds of contaminations like bacteria, viruses, pyrogen and toxic cancer causing chemicals like pesticides, insecticides, VOCs, Trihalomethanes, fluoride, arsenic, lead & heavy metals. The RO membrane reduces upto 95% of total dissolved salts, thereby imparting good taste to the water. This makes the water pure, safe and crystal clear.

Stage 6 & 7: Double Safety Purifier (Resin-Carbon Cartridge)

The Disinfection Resin releases small amount of disinfectant which kills diseases causing bacteria and viruses. This stage is followed by...

The Bacteriostatic Carbon stage which removes traces of disinfectant released by resin. Also colour and odour from water. This backup purifier comprising of Resin and Carbon provides additional protection in case of membrane performance failure. This backup purifier offers 100 % germicidal protection.

The purified water gets collected in Hydropneumatic storage tank capacity of 8 ltrs. Provides pressurized water at a very high flow rate from the faucet fix on the platform.

Special Features



PURE WATER

Converts salty water to pure, crystal clear, natural tasting drinking water.



TDS + HEAVY METAL REMOVER

Removes excess salts, bacteria, viruses, pesticides, harmful chemicals, heavy metals from water.



INTELLIGENT AUTO FILL

Ensures that the RO purifier never runs out of pure & safe drinking water.



DOUBLE SAFETY

Purifier provides additional safety by offering 100% germicidal protection.



TLC Valve

(Wired) ensures pump cutoff whenever the tank fills up.



AUTOMATIC

Fully automatic operations



HIGH FLOW

(8* LPH) Equipped with advanced high flow membrane.



LONGER LIFE

Works on low pressure, thereby lower fouling of membrane.



HYDROPNEUMATIC TANK,

with storage capacity of 8 ltr., provides pressurized water at a very high flow rate from the faucet.



CERTIFICATE

Product water meets USEPA drinking water standards and IS 10500.

*Under test conditions

Technical Specifications

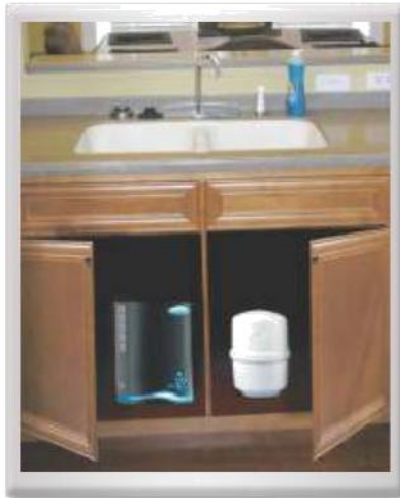
PARAMETER	Zero B Kitchen Mate RO Water Purifier
Dimension in MM (basic unit) L x W x H	305 x 220 x 372
Purification Stages	7
Output Flow rate	8* litres / hour
Maximum Recommended Output	40 litres / day
Weight (net)	13 Kg
INLET WATER CONDITIONS	
Inlet opening	Inlet opening from your 1/2" BSP male thread connection
Inlet pressure (Min - Max)	0.5-2.0 kg/cm ²
Maximum Inlet water TDS	1300 ppm (subject to hardness of inlet water being less than 500 ppm)
Rejection of salts (TDS)	Upto 95%
Recovery	Upto 35 %
ELECTRIC SUPPLY	
Operating voltage	230V AC±10%, 50Hz
Power consumption	30 watts Max
RO booster pump	24 VDC
PURIFICATION STAGES	
Pre-filter	Finer than 20 micron
Sediment filter	5-10 micron rated
RO membrane	50 GPD
Resin Carbon cartridge	Polyiodinated resin, polishing bacteriostatic activated carbon

*Under test conditions of water input @750 TDS level

Technical Specifications

Hydropneumatic tank pressure in kg/cm ²	1.8 to 2.8 (factory set)
Storage Tank Capacity	8 litres
Hydropneumatic Tank (Dimension in mm)	(Height x Dia) 368 x 267

- Product water meets USEPA drinking water standards as per IS 10500
- The above specifications may change without prior notice
- This product is comprised of Unit, Tank & Faucet
- Inlet water must contain NIL total iron, manganese and hydrogen sulfide



Customized placement of the filter below the counter with the tank to suit the space.