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Product quotation

## Kangaroo Cabinet Water Purifier 100GPD



**Price : 24500.00 /-26500.00**

The Kangaroo Cabinet Water Purifier-100 GPD is a robust and efficient water purification system designed for high performance and reliability. Featuring a 7-stage filtration process, this purifier ensures comprehensive removal of impurities, contaminants, and harmful substances from your tap water. Ideal for domestic use, it combines advanced filtration technologies to deliver clean, safe, and fresh drinking water. The sleek cabinet design fits seamlessly into your kitchen or utility space, providing a reliable solution for your water purification needs.

### Key Specifications of Kangaroo Cabinet Water Purifier:

**Model:** Kangaroo Cabinet Water Purifier-100 GPD

**Type:** RO (Reverse Osmosis) Water Purifier

**Purification Stages:** 7 Stages

**Pre-Sediment Filter:** Removes large particles such as sand, dirt, and rust.

A pre-sediment filter is a crucial component in water filtration systems. It removes dirt, sand, and other particles from water, protecting downstream filters and improving water clarity. Easy to install and maintain, it comes in various types like cartridge, disc, and string wound. Choose a filter with appropriate flow rate and micron rating based on your needs.

**Pre-Carbon Filter:** Eliminates chlorine, odors, and organic chemicals.

A pre-carbon filter is a vital component in many water filtration systems, serving as a crucial first line of defense against contaminants. It is typically placed before the main filtration stage, such as a reverse osmosis (RO) membrane or a granular activated carbon (GAC) filter.

**RO Membrane:** Removes dissolved salts, heavy metals, and contaminants.

A reverse osmosis (RO) membrane is a semi-permeable barrier used in water purification systems to remove impurities from water. It operates on the principle of osmosis, but in reverse, forcing water molecules through the membrane while leaving behind contaminants.

**Post-Carbon Filter:** Enhances taste and removes any residual chlorine.

A post-carbon filter is a crucial component in many water filtration systems, designed to improve the taste, odor, and overall quality of water after it has passed through other filtration stages. It is typically placed after the main filtration stage, such as a reverse osmosis (RO) membrane or a granular activated carbon (GAC) filter.

**UV Sterilizer:** Disinfects water by eliminating bacteria and viruses.

A UV sterilizer is a device that uses ultraviolet light to kill harmful microorganisms in water. UV light is a type of electromagnetic radiation that can damage the DNA of bacteria, viruses, and other pathogens, preventing them from reproducing.

**Mineral Filter:** Adds essential minerals like calcium and magnesium for

improved taste and health benefits.

A mineral filter is a type of water filter designed to add essential minerals back into water that has been purified through processes like reverse osmosis (RO) or distillation. These processes can remove minerals along with contaminants, resulting in water that may taste flat or lack certain nutrients.

**Alkaline Filter:** Balances the pH level of water, making it alkaline and healthy.

Alkaline water filters are designed to increase the pH level of your drinking water. Proponents of alkaline water believe that it can offer various health benefits, such as improved digestion, enhanced hydration, and reduced acidity in the body.

**Purification Capacity:** 100 gallons per day (GPD)

**Water Storage Capacity:** Typically 8-10 liters (depending on the model)

**Power Consumption:** 25-30W (average)

**Operating Voltage:** 220V - 240V, 50/60Hz

**Dimensions:** 350mm x 250mm x 500mm (W x D x H)

**Material:** Food-grade plastic with stainless steel components

**Pump Type:** High-pressure booster pump

**TDS (Total Dissolved Solids) Reduction:** Up to 90%

**UV Lamp:** 11W (for effective disinfection)

**Mineral Filter:** Replenishes essential minerals post-filtration

**Alkaline Filter:** Balances water pH for added health benefits

**Water Recovery Rate:** Approximately 40% to 50% (depending on water quality)

**Weight:** 12-14 kg (approx.)

### **Additional Features of Kangaroo Cabinet Water Purifier:**

Automatic shut-off when the storage tank is full

Smart LED indicators for filter status and system alerts

High-flow rate for quick access to purified water

Wall-mountable or cabinet installation options

Easy-to-replace filter cartridges

Quiet operation with low noise levels

## Yearly Maintenance Report for this Water Purifier

Maintaining this water purifier is essential to ensure its optimal performance and longevity. The yearly maintenance cost for this purifier varies depending on several factors, including the quality of the raw water, daily consumption, and adherence to recommended filter servicing.

Maintenance Components and Frequency:

- 1.PP Filter:** Replaced annually. Ensures removal of sediments and protects other filters.
- 2.CTO Cartridges:** Two cartridges needed annually to reduce chlorine, odors, and improve taste.
- 3.GAC Filters:** Two cartridges required annually to eliminate organic compounds and contaminants.
- 4.Mineral Filter:** Two filters necessary each year to reintroduce essential minerals.
- 5.Alkaline Filter:** Two filters to balance pH levels and enhance water quality.
- 6.RO Membrane:** One membrane needed every two years to ensure effective purification.
- 7.UV Lamp:** Replaced after 9000 hours of operation to maintain microbial safety.

## Cost Estimate:

Based on the above requirements, the estimated yearly maintenance cost for this water purifier ranges from BDT 2500.00 to BDT 5000.00. This cost is notably lower compared to other reputed purifier brands, providing an economical solution without compromising on quality.

Regular maintenance and timely replacement of filters are crucial for maintaining the efficiency and performance of the purifier. Adhering to the maintenance schedule ensures that this water purifier continues to deliver clean, safe, and high-quality drinking water throughout the year.

By investing in the maintenance of your water purifier, you ensure that it remains a reliable and effective tool for providing pure water to your household.

### Demerits of RO Purifiers

While Reverse Osmosis (RO) purifiers are renowned for their effective water purification capabilities, they do come with certain drawbacks that are important to consider.

- 1. Water Wastage:** RO systems typically waste more water than they produce. For every liter of purified water, several liters of water may be discarded, leading to concerns about water efficiency.
- 2. Mineral Removal:** RO purifiers not only remove contaminants but also essential minerals like calcium and magnesium, which can affect the taste and nutritional value of the water.
- 3. Maintenance Costs:** Regular maintenance is required to keep an RO system functioning optimally. Replacing filters and membranes can be costly, and failure to maintain the system can lead to reduced efficiency and higher long-term costs.
- 4. Slow Filtration:** RO systems generally have a slower filtration rate compared to other purifiers. This can be inconvenient for households with high water demands.
- 5. Complexity and Space:** RO systems are often complex and require significant space for installation, which might not be suitable for all households.

Understanding these demerits can help you make a more informed decision about whether an RO purifier is the right choice for your water purification needs.

### Why Choose Aquafit Technologies for Your Domestic Water Purifier Needs

When it comes to selecting a domestic water purifier, Aquafit Technologies

stands out as a top choice for several compelling reasons. Here's why our clients prefer us over others:

- 1. Economical Pricing:** We offer high-quality water purifiers at competitive prices, ensuring that you get the best value for your money without compromising on quality.
- 2. Rapid Service:** Our dedicated team provides quick and efficient service, addressing any issues or queries promptly to ensure your purifier remains in optimal condition.
- 3. Three Years of Free Servicing:** Enjoy peace of mind with our three-year free servicing offer, which covers regular maintenance and repairs, reducing long-term costs.
- 4. EMI Opportunities:** To make our products more accessible, we offer EMI options, allowing you to spread the cost of your purchase over manageable monthly payments.
- 5. Extensive Service Network:** With over fifty service centers across Bangladesh, we ensure that help is always close by, no matter where you are.
- 6. Affordable Filter Parts:** We provide filter parts at the lowest prices, making it economical to maintain your purifier and keep it running efficiently.
- 7. 24/7 Service Centers:** Our service centers operate around the clock, offering support whenever you need it, including evenings and weekends.
- 8. 100% Return Policy:** We stand by the quality of our products with a 100% return policy on any default items, ensuring complete customer satisfaction.
- 9. Client Satisfaction First:** At Aquafit Technologies, we prioritize client satisfaction above all else, striving to exceed your expectations with every interaction.
- 10. Flexible Payment Options:** We accept payments through more than 20 bank cards and mobile banking services, making transactions convenient and hassle-free.

Choosing Aquafit Technologies means opting for quality, reliability, and exceptional customer service. Experience the difference with our top-rated domestic water purifiers and join the many satisfied clients who trust us for their water purification needs.