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Product quotation

## FRP Vessel- 3072



Call for price ( 01728262625 )

### Key Features of **FRP Vessel- 3072**:

- **Heavy-Gauge, High-Performance Construction:** Manufactured with a premium-grade, thick-walled fiberglass reinforced plastic (FRP) outer shell and a robust, seamless polyethylene (PE) or high-density polyethylene (HDPE) inner liner to ensure maximum structural integrity and exceptional durability for continuous, heavy-duty operation.
- **Ultimate Corrosion and Chemical Resistance:** The inherent properties of FRP provide unparalleled resistance to rust, corrosion from aggressive water conditions, and a wide spectrum of chemicals used in intensive water treatment processes, guaranteeing an extended service life and reliable performance.
- **Optimized Lightweight Design for Size:** Despite its immense capacity, the FRP construction remains significantly lighter than comparable steel vessels, simplifying the complexities and costs associated with transportation, on-site handling, and installation in large-scale facilities.
- **Superior Strength-to-Weight Ratio for High Pressure:** Engineered to withstand high operating pressures (typically up to 150 psi or potentially higher in specialized configurations) while maintaining a relatively lighter weight compared to metal alternatives, ensuring safe and dependable operation in demanding industrial settings.
- **Seamless, Sanitary, and Chemically Inert Liner:** The continuous, blow-molded inner liner provides an impermeable, leak-proof, and contamination-free barrier. When constructed with food-grade HDPE, it ensures the safety and purity of treated water in large municipal systems.
- **Large Diameter, High-Flow Port Connections:** Typically features a 6-inch or larger

flanged top connection to accommodate the massive flow rates and correspondingly large control valves used in major industrial and municipal water treatment plants. Bottom ports may also be integrated for specific process configurations.

- **Broad and Stable Operating Temperature Range:** Designed to perform reliably across a wide temperature spectrum, generally from 1°C to 49°C (34°F to 120°F), ensuring operational flexibility in diverse environmental conditions encountered in large-scale installations.
- **Highly Customizable for Complex Requirements:** Often available with extensive customization options, including specialized resin formulations, unique port configurations, and tailored designs to meet the precise and complex demands of major industrial and municipal projects.

### Benefits of **FRP Vessel- 3072:**

- **Maximum Media Volume for Highest Treatment Capacity:** The exceptionally large diameter and height allow for the greatest possible volume of filtration media or ion exchange resin, making it the ideal choice for treating extremely high volumes of water in major industrial complexes, large power generation facilities, and extensive municipal water treatment systems.
- **Unwavering Reliability in the Most Demanding Applications:** The heavy-duty construction and superior corrosion resistance ensure consistent and dependable operation under continuous, high-throughput conditions and exposure to challenging water qualities and treatment chemicals.
- **Substantial Reduction in Long-Term Operational Costs:** The non-corrosive nature of FRP drastically minimizes the need for frequent maintenance and replacement, leading to significant reductions in downtime and long-term operational expenditures for large-scale infrastructure.
- **Economically Sound Solution for Mega-Scale Water Treatment:** Offers a highly cost-effective solution for very large water treatment needs due to its longevity, minimal maintenance requirements, and comparatively simpler installation than similarly sized metallic vessels.
- **Specifically Engineered for Major Industrial and Municipal Infrastructure:** Primarily designed for critical applications such as:
  - Large-scale municipal water purification and distribution systems
  - Major industrial process water treatment plants (e.g., chemical processing, manufacturing)
  - Large power plant water treatment (critical for boiler feedwater and cooling systems)
  - Extensive wastewater treatment and reuse facilities
  - Large desalination plants
- **Optimized Efficiency in High-Volume Treatment Processes:** When paired with appropriate high-capacity treatment media, it efficiently removes massive quantities of contaminants, ensuring the reliable and efficient operation of essential industrial and municipal processes.
- **Long-Life Asset for Critical Infrastructure:** The robust materials and exceptional corrosion resistance guarantee an exceptionally long service life, representing a significant and enduring investment for major infrastructure projects.

- Ensuring Safe and Sustainable Water Supply for Large Populations: With a food-grade inner liner, it plays a crucial role in ensuring the safe and sustainable supply of potable water to large communities through municipal treatment plants.

## Why Choose Aquafit Technologies

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.