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Product quotation

FRP Vessel- 2472



Call for price (01728262625)

Key Features of **FRP Vessel- 2472**:

- **Ultra-Durable Construction:** Built with a high-grade fiberglass reinforced plastic (FRP) outer shell and a thick, seamless polyethylene (PE) or high-density polyethylene (HDPE) inner liner to provide maximum structural integrity and longevity in heavy-duty service.
- **Exceptional Corrosion and Chemical Resistance:** The FRP material offers superior resistance to rust, corrosion, and a wide range of chemicals used in water treatment, ensuring reliable performance and a long lifespan even in aggressive environments.
- **Lightweight Relative to Capacity:** Despite its substantial size, the FRP construction remains significantly lighter than comparable steel vessels, simplifying transportation, handling during installation, and potentially reducing foundation support requirements.
- **Outstanding Strength-to-Weight Ratio:** Designed to withstand high operating pressures (typically up to 150 psi or even higher in some specialized models) while maintaining a relatively low weight, ensuring safe and dependable operation under demanding conditions.
- **Seamless, Sanitary Inner Liner:** The continuous, blow-molded inner liner provides a leak-proof and contamination-free barrier, crucial for maintaining

water quality and safety, especially when used in potable water systems with a food-grade HDPE liner.

- **Large Diameter Port:** Typically features a 6-inch top flanged connection or a large threaded opening (e.g., 4-inch 8UN) to accommodate the high flow rates and large control valves used in industrial and municipal applications. Bottom ports may also be present for specific system designs.
- **Wide Operating Temperature Range:** Engineered to perform effectively across a broad temperature spectrum, generally from 1°C to 49°C (34°F to 120°F), allowing for versatile deployment in various environmental conditions.
- **Customization Options:** Often available with various color options and the possibility of tailored designs to meet specific and complex industrial or municipal project requirements.

Benefits of **FRP Vessel- 2472:**

- **Maximum Treatment Capacity:** The large diameter and height allow for the largest volumes of filtration media or ion exchange resin, making it ideal for treating very high volumes of water in industrial plants, power generation facilities, and municipal water treatment systems.
- **Consistent and Reliable Operation in Demanding Environments:** The robust construction and superior corrosion resistance ensure dependable performance even under continuous, heavy-duty operation and exposure to various water qualities and treatment chemicals.
- **Significantly Reduced Maintenance Costs:** The non-corrosive nature of FRP minimizes the need for frequent maintenance, leading to substantial reductions in downtime and long-term operational expenses for large-scale facilities.
- **Economical Solution for Very Large-Scale Water Treatment:** Offers a cost-effective solution for very large water treatment needs due to its durability, low maintenance, and relatively easier installation compared to similarly sized metal vessels.
- **Ideal for Major Industrial and Municipal Applications:** Specifically designed for applications such as:
 - Large municipal water treatment plants
 - Industrial process water treatment
 - Power plant water treatment (boiler feedwater, cooling water)
 - Advanced wastewater treatment systems
 - Large-scale desalination pre-treatment
- **Enhanced System Efficiency:** When used with appropriate high-capacity treatment media, it efficiently removes large quantities of contaminants, contributing to optimized performance and reliability of critical industrial and municipal processes.

- **Long-Term Investment:** The durable materials and excellent corrosion resistance ensure a long service life, providing a significant return on investment for major infrastructure projects.
- **Safety for Large-Scale Potable Water Supply:** With a food-grade inner liner, it can be safely implemented in large municipal water treatment plants to ensure the supply of safe drinking water to communities.

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.