

# VAV MEKANİK

Vav Mekanik operates as a factory company specializing in [water storage tanks]. In collaboration with **iconic company** they provide high-quality water storage tanks that specializes in manufacturing and supplying water storage solutions, particularly focusing on the development of high-quality tanks for industrial and commercial applications. Their products are designed to meet various water storage needs, ensuring safety, durability. Vav Mekanik's tanks are used in a variety of settings including residential, commercial, industrial, and agricultural





## Types of Water Storage Tanks:

Vav Mekanik offers different types of water storage tanks that cater to different needs. Two of the most prominent types are (1) Modular Water Storage Tanks .(2) Prismatic Water Tanks.



## 1. Modular Water Storage Tanks:

**Modular tanks** are composed of pre-fabricated panels that can be assembled on-site, offering a flexible solution for different capacity requirements. There are three main material types used in these modular tanks:

### a. Hot-Dip Galvanized (pressed steel ) Modular Water Storage Tank:

#### Description:

- These tanks are made of steel panels that are coated with a layer of zinc to prevent corrosion. Hot-dip galvanization provides a protective barrier between the steel and the environment.

#### Benefits:

- **Composition:** Steel coated with a layer of zinc.
- **Durability:** The galvanization process makes the tank resistant to rust and corrosion.
- **Ease of Assembly:** Modular nature allows for easy transport and on-site installation.



### b. Stainless Steel Modular Water Storage Tank (304/316):

#### Description:

- Stainless steel (304 and 316) modular tanks are composed of high-grade stainless steel, which offers excellent corrosion resistance. The difference between 304 and 316 steel lies in the presence of molybdenum in 316, which provides extra protection against chloride and saline environments.

#### Benefits:

- **Composition:** Alloys primarily composed of iron, chromium, and nickel
- **Corrosion Resistance:** Highly resistant to rust and corrosion, especially in harsh environments.
- **Hygienic:** Stainless steel is often used in environments requiring high levels of sanitation, such as food and water industries.
- **Longevity:** Has a long lifespan due to its resistance to environmental factors.



### c. Glass Reinforced Polyester (GRP) Modular Water Storage Tank:

#### Description:

- GRP tanks are made from glass-reinforced polyester, a composite material that offers a strong and lightweight solution for water storage. These tanks are often used in environments where corrosion resistance and chemical resistance are crucial.

#### Benefits:

- **Composition:** Composite material made of plastic reinforced with fine glass fibers.
- **Lightweight and Strong:** The material is lightweight, which reduces transportation and installation costs while still providing durability.
- **Corrosion Resistance:** Excellent resistance to corrosion from chemicals and environmental factors.



## Why Choose Us?

At Vav Mekanik, we are committed to excellence in every aspect of our work. Here's why partnering with us ensures you receive the best solutions:

- **Industry Expertise**

With years of experience in manufacturing and a deep understanding of our products, we consistently deliver high-quality solutions tailored to your needs. Our team of skilled professionals stays ahead of industry trends to provide innovative and effective solutions.

- **Commitment to Quality**

We prioritize quality at every stage of production. From selecting the best materials to implementing rigorous quality control measures, we ensure that each product meets the highest standards.