

Valve supplier in Saudi Arabia



Are you in need of high-quality valves for your industrial operations in Saudi Arabia? Look no further! Middleeast Valve is one of the leading [Valve supplier in Saudi Arabia](#). We supply to cities like Riyadh, Dammam, Al Khobar, Hail, Abha, and Tabuk.

A valve is a mechanical device used to control the flow of fluids (liquids, gases, or slurries) by opening, closing, or partially obstructing various pathways. Valves are essential components in various industries, including manufacturing, transportation, energy production, and more. They serve to regulate the flow, pressure, and direction of fluids within a system.

Middleeast valve is one of the best [Valve supplier in Saudi Arabia](#) and are essential components in industrial systems, providing control, safety, and efficiency in the movement of fluids.

Function: Valves control the fluid flow by either allowing or obstructing the passage of the fluid. They can also be used to modulate the flow rate and control pressure.

Working: Valves operate based on various mechanisms. For instance, a gate valve uses a wedge-shaped gate to block or allow flow. A ball valve uses a spherical ball with a hole through its center that can be rotated to control flow. The operation can be manual, automated (using motors, solenoids, or pneumatic actuators), or controlled electronically.

Types: There are numerous types of valves, each designed for specific purposes. Some common types include:

- Gate Valve: Used for on/off control, it provides a full flow path when open.
- Ball Valve: Quick to open and close, it uses a rotating ball to control flow.
- Butterfly Valve: Utilizes a disc that rotates to control flow.
- Check Valve: Permits flow in one direction only, preventing backflow.
- Globe Valve: Provides good throttling control and is ideal for regulating flow.
- Safety Valve: designed to automatically release excess pressure from a system in order to prevent damage.

Advantages of valve:

- Flow control
- Provide minimal pressure drop
- Minimal maintenance
- It designed to provide safety features
- It is available in wide ranges of sizes, materials, designs.

Industries of Valve:

- Oil and gas
- Chemical
- Water and wastewater
- Power generation
- Pulp and paper
- Mining

Description:

- Available materials: Ductile iron, Monel, WCB, WCC, WC6, LCB, LCC, SS304, SS316, CF8, CF8M, CF3, CF3M, Aluminium Bronze, Bronze, Brass, F55, F53, F51, Inconel, Incoloy, Titanium
- Class: 150 to 2500
- Nominal Pressure: PN6 to PN450
- Size: ½" to 80"
- Ends: Flanged, Wafer, Lug, Buttweld, Socket weld, Threaded
- Operations- Pneumatic actuated, Electric Actuated, Gear Operated, Lever Operated, Handwheel Operated

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