

Jacketed ball valve supplier in Dubai

Middleeast valve is one of the largest [Jacketed ball valve supplier in Dubai](#). We supply to cities like Istanbul, Cairo, Iraq, and Iran.

What is a Jacketed ball valve?

A jacketed ball valve is a type of valve that combines the functionality of a ball valve with a jacketing system. It is designed to control the flow of fluids or gases in various industrial applications, particularly in situations where temperature control is crucial.

The basic structure of a jacketed ball valve consists of a spherical ball with a hole (bore) through the center. The ball has a through-hole or a port that can be rotated 90 degrees to allow or block the flow of the medium. When the hole is aligned with the pipe, the valve is in the open position, enabling the fluid or gas to flow. When the hole is perpendicular to the pipe, the valve is in the closed position, stopping the flow.

The jacketed ball valve is often constructed using materials suitable for the specific application, such as stainless steel, carbon steel, or other alloys. The design of the valve allows for easy maintenance and repair, as the ball and seats can be accessed by removing the valve body.

Middleeast valve is famous for [Jacketed ball valve supplier in Dubai](#) and are widely used in industries where temperature control is critical, providing an effective solution for regulating the flow of fluids or gases while maintaining the desired temperature range.

Advantages:

- Temperature control
- Prevent freezing
- Prevent clogging
- Corrosion resistance

Industries:

1. Chemical industry
2. Petrochemical industry
3. Power industry

Applications:

1. Process control
2. Industrial piping
3. Heating and cooling systems
4. Chemical processing

Description:

Body material: WCB, SS304, SS316, CF8, CF8M ,WCB, SS304, SS316, CF8, CF8M

Size: 1/2" - 4"

Nominal Pressure: PN16 to PN64, Class150 to Class1500

End Connection: Flanged

Operations: ball valve

Temperature: Up to 120 Degree C.

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