

# Triple Duty valve supplier in Dubai



UAE Valves stands out as a reliable [Triple Duty Valve supplier in Dubai](#). A triple duty valve is a multifunctional component used in hydronic pump systems to optimize performance and ensure operational efficiency. This versatile valve serves three primary functions:

- **Check Valve Function:** When the pump is inactive, the triple duty valve acts as a check valve, preventing the backflow of water and maintaining system integrity.
- **Isolation Valve Function:** During system maintenance or repair, the valve can isolate a specific section of the system, allowing work to be conducted without disrupting the entire system.

- **Balancing Valve Function:** Triple duty valves aid in system balancing by regulating flow rates and pressures, ensuring consistent performance across different branches of the hydronic system.

Typically installed downstream of the pump discharge, triple duty valves provide essential protection against backflow and facilitate efficient system maintenance and balancing. By combining these three vital functions into a single valve, triple duty valves streamline system design, enhance reliability, and contribute to overall system efficiency.

## Functions of Our Triple Duty Valves

As a leading [Triple Duty Valve supplier in Dubai](#), our valves offer indispensable roles within hydronic pump systems:

- **Lift Check Valve Function:** Effectively prevents water from flowing back when the pump stops, ensuring smooth operation and avoiding potential issues.
- **Labeling for Proper Functioning:** Our valves are labeled to facilitate proper system functioning, ensuring they return to their initial position when turned off.

## Proper Installation Guidelines for Triple Duty Valves

To avoid issues such as system noise and potential damage to valve components, particularly the moving parts, follow these installation guidelines:

- **Distance from Pump:** Install the valve at a distance from the pump, either in a vertical or horizontal orientation with the stem pointing upward.
- **Gap for Balancing:** Maintain a gap of approximately ten times the diameter of the pipe between the triple duty valve and the pump's discharge point to ensure smooth and quiet operation.

## Advantages of Triple Duty Valves

Triple duty valves offer numerous benefits, including:

1. **Uninterrupted Fluid Flow:** Prevent reverse flow, protecting the system from potential backflow issues.
2. **Minimized System Noise:** Contribute to quieter operation and a more comfortable environment.
3. **Easy Maintenance:** Facilitate hassle-free operation and upkeep.
4. **Enhanced Reliability:** Safeguard equipment and maintain system integrity, enhancing the overall reliability and longevity of hydronic pump systems.
5. **Industry Compliance:** Manufactured and tested to meet industry standards and regulations, ensuring compliance and superior performance.

## Industries Served

Triple duty valves are essential in various industries, including:

1. Oil and Gas Industry
2. Petrochemical Industry
3. Chemical Industry
4. Power Generation Industry
5. Water and Wastewater Treatment
6. Pulp and Paper Industry
7. Mining Industry
8. Marine Industry

## Description

- **Materials:** Available in cast iron, SS304, SS316, CF8, CF8M, and ductile iron.
- **Size:** Ranges from 2" to 20".
- **Class:** Available in classes 125 to 300.

- **Nominal Pressure:** PN6 to PN25.
- **Ends:** Flanged.
- **Operation:** Handwheel operated.

**For further information, please visit our website:**

<https://www.uaevalves.com/product-category/triple-duty-valve/>

**Address:-** Level 5 Emaar Square, Downtown Dubai, Dubai, United Arab Emirates