



QUALITY CERTIFIED

Quality and safety are paramount at DAVINCI VALVES. Our full range of multiple quality control tests ensures the highest industry standards for our products, allowing us to offer international certifications for products suitable for use in potable water systems, sewage treatment, irrigation, fire protection (UL/FM), HVAC and industrial applications. Do not hesitate to ask us for the certification and testing upon your request and needs.



 **STAY IN TOUCH**
DavinciValves

MANUFACTURING water connections

Room 3109 Unit 1 Building 2,
No. 68 Dongda Street
Chengdu, Sichuan CHINA
ASIA: (0086) 1734 0168 233
EUROPE: (0034) 616 553 797

DAVINCI VALVES

POTABLE WATER



COST-EFFECTIVE POTABILITY SOLUTIONS

Efficient and sustainable water resource management is one of the world's most critical responsibilities. But often taken for granted, not treated with enough professional care. Access to clean water results from a complex and meticulous process.

At DAVINCI VALVES, we enhance water systems with our essential valves. Our products are crucial in water storage, transportation, and distribution, ensuring proper control and maintenance.

Our valves regulate water levels, manage air intake and release, enable line shut-offs or equipment isolation, and control flow and pressure. They also protect against pipe breakage and system failures.

By performing these vital functions, our valves ensure the efficient and reliable operation of water supply networks, providing safe and continuous water delivery to consumers.

WATER DISTRIBUTION NETWORK



Once water has undergone treatment at a water treatment facility, it is conveyed to consumers through an extensive distribution network. This network comprises various pipe materials, such as ductile iron, PVC, steel, or PE.

Typically, distribution networks operate under relatively low pressure, although water pressure can fluctuate within the system. The pressure must be sufficient to ensure water reaches consumers residing at the highest elevations relative to the pumping station. In mountainous regions, distribution networks are organized into pressure zones, which are managed using pressure reducing stations, gate valves, and check valves.

DAVINCI VALVES provides a diverse selection of valves, hydrants, and accessories suitable for all types of pipe materials and operating pressures, ensuring reliable and efficient water distribution.



WATER TREATMENT PLANT OPERATIONS



Try Us

DAVINCI VALVE supplies products conforming to international standards such as DIN, AWWA, among others. Water treatment plants source water from a variety of locations, including groundwater (aquifers), surface water (lakes and rivers), reservoirs. Regardless of the source, water must undergo purification before being deemed suitable for use.

Certain sources of water may merely require filtration and aeration, but others require chlorination for disinfection. Typically, water treatment takes place in plants where valves and other equipment are easily accessible for maintenance. These valves are frequently fitted with automatic controls, such as electrical or pneumatic actuators, facilitating remote operation and control.

DAVINCI VALVE offers a comprehensive selection of valves and accessories, crafted from suitable materials and equipped with the required certifications to ensure reliable performance in the challenging environment of a water treatment plant.

WRAS



With **DAVINCI** manufacture **PROGRAM** the WATER is **SAFE & CLEAN & EFFICIENT**

We comply with the water regulations. Our products have passed rigorous tests in accredited laboratories and have our customers trust.

WATER SUPPLY SYSTEMS



Water transmission pipelines are generally built using concrete pressure pipes, ductile iron pipes, steel pipes, or GRP/GRE pipes.

For smaller dimensions, plastic pipes such as HDPE are sometimes utilized. The preference for certain valve designs by different authorities and consulting engineers can stem from historical or design considerations.

Some designers favor gate valves, while others prefer butterfly valves, and within each category, various design options are available. The selection of valves is also influenced by the specific requirements of the project and the availability of different pressure classes. Ask for yours, we'll always be here for you: valves@davincivalves.com

