

WATTS Pre-Engineered Valve Stations



Description

Watts Pre-Engineered valve stations are custom configured water flow control systems that are assembled from proven, reliable components to meet exacting project application requirements. Watts valve stations are factory pre-assembled, tested, and optionally certified by independent agencies to ensure flow performance for critical building demands.

As Easy as 1,2,3... Drop, Bolt, & Go!

Watts valve stations provide uninterrupted water service in hospitals, schools, multi-family dwellings, restaurants, industrial facilities, and other similar buildings that must provide water 24/7. Watts valve stations are designed using the best engineering practices of AWWA, NFPA, ASSE, and ASPE to provide a single point of connection to fire protection, potable water, and irrigation water services using agency approved devices where allowed by local codes.



Watts Valve Station Standard Features

- Uninterrupted water flow during maintenance and emergency conditions
- Maximum flow performance with low pressure drops
- Wide flow control ranges meet standard and emergency peak flow requirements
- Standard flow designs to > 10,000 gpm
- Integral backflow prevention devices, meters, pressure regulators, automatic control valves, strainers, headers, shutoff valves, and instrumentation as needed to suit specific applications.
- UL/FM, ASSE, IAPMO, USC certified or listed components as required for service
- Single point of connection for fire protection, potable water, irrigation services
- Corrosion resistant material construction
- Redundant flow path design
- Standard vault, vertical, and horizontal mounting configurations
- Integral slip and alignment flanges correct for site variations and relieve pipe stress
- Field proven in over 100 installations and years of history



Benefits

- Pre-assembled stations reduce installation time to hours instead of days
- Redundant flow paths allow water supply devices to be tested and maintained while building is occupied, reducing overtime labor costs
- Operates below OSHA mandated maximum noise levels
- Corrosion resistant design reduces component maintenance costs
- Optional pre-installation performance certification ensures conformance to design criteria at site
- One source responsibility from Watts, the leader in valve technology



Types of System and Applications Features

System Features:

- Stainless steel headers
- Corrosion resistant components
- 24/7 operation, even during servicing
- Flexible and expandable configurations
- Assembled to exact job specifications
- Uses industry "Best Practices" design

Types of Applications:

- Schools and Universities
- Hospitals
- Multi-family dwellings
- Restaurants
- Industrial facilities
- Office Buildings and campuses

Case History



"Our testing company, Clarke Sales recommended we get a better solution... A Pre-Engineered Valve Station from Watts. Watts Stations are designed and fabricated to our exact requirements. At our request, flow performance was certified before shipment."

"We had all kinds of problems with our old services... low water pressure caused by the old double designs, routine maintenance had to be performed after hours at increased cost, and access was a problem."



"At site, installation was 'As Easy As 1-2-3 ...Drop, Bolt & Go!' We have never had an easier installation... took two hours, instead of the two days we budgeted."

"When we turned it on, it worked perfectly. We've now made this the basis of our design program."



Backflow Prevention Products

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