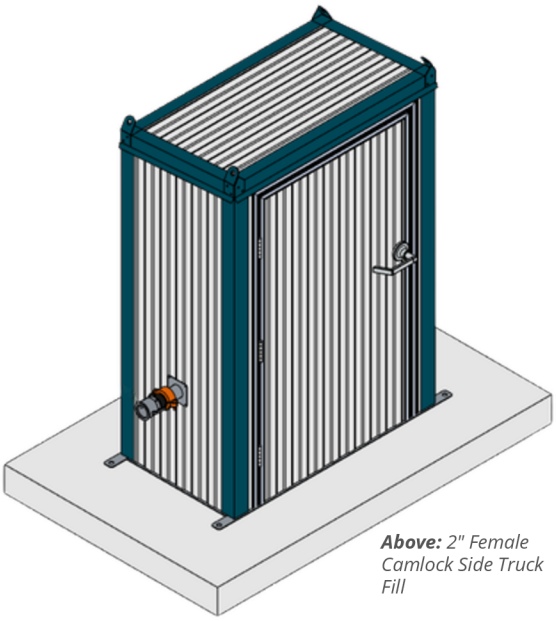
WATER CADET

WATER ACCESS, COMPACT AND CAPABLE

Water Cadet is our compact, cost-effective bulk water station, offering secure, remote access for potable water dispensing applications. Designed for year-round reliability, it features a heated, insulated enclosure and slow-closing valve to protect your system. Streamlined yet dependable, it allows owners to manage accounts, track usage, and oversee customers online through the **Flowpoint Fusion** platform, providing a trusted solution for efficient water management.



Above: *2" Female Camlock Side Truck Fill*

The Cadet offers multiple payment options, including on-account billing, credit card and prepaid access, which provides a simple and flexible payment experience for your customers. Perfect for rural water communities or low volume dispensing applications.

Features & Benefits

Fully automated, remote management of bulk water sales for haulers or potable water users

- Built-in metering accuracy for precise billing and accountability
- Integrated Flowpoint software for cloud-based transaction monitoring and reporting
- Remote alarming and SMS notifications
- Grant, manage and terminate access to the station through the software. No need to go to the station to add users to the system
- Fit-for-purpose, corrosion-resistant enclosure; fully weatherproof with optional insulation and heater.

Typical Applications

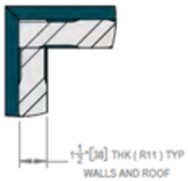
Municipal water utilities
Rural water associations
Tribal communities
Construction and dust control operations
Industrial process water supply
Oil & Gas, Agriculture, Fracking, Mining
Off-grid water use

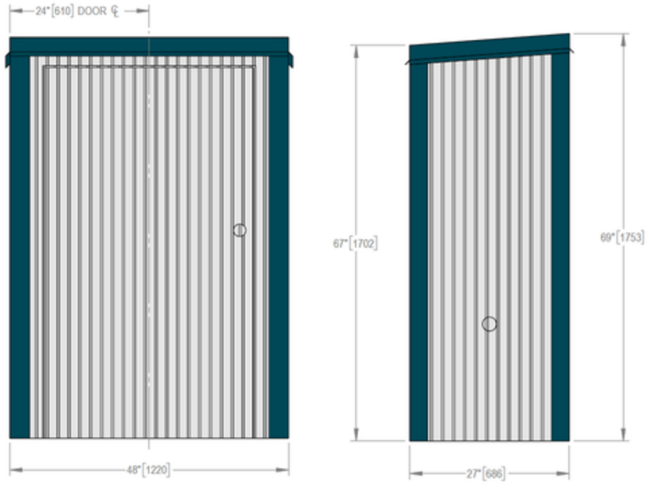
Sizes and Configurations

3/4", 1" and 2" for upper and lower fill
Single fill point only is possible

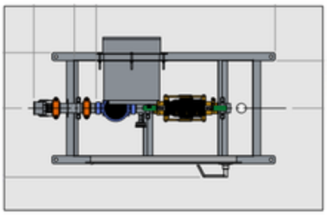
Dimensions

Sample Station - 2" Lower Fill
Exact dimensions provided with shop drawings after ordering

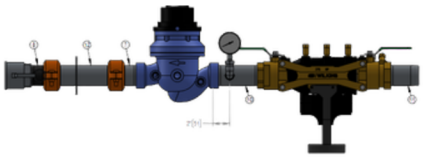




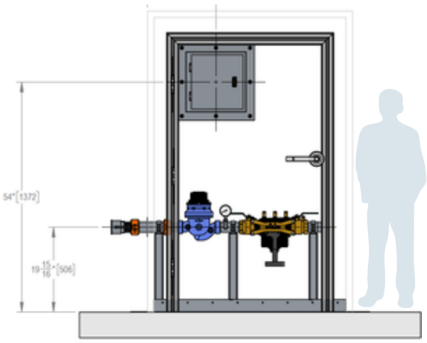
Water Dispensing



Permanent or Portable. Fully assembled, the Cadet can be installed on concrete pad.



Accuracy and Safety integrated backflow, meter and slow open/close valve prevents water hammer while accurately measuring every drop.



Comfort and Convenience Point of sale panel is situated 54" from the ground to eliminate bending over to operate the system.

Main System Details

Mechanical:

Flowmeter and Control Valve: Bermad 900 Series combination flow meter/solenoid-controlled hydrometer valve with pressure control options
Backflow Preventer: Wilkins, NSF rated or equivalent for potable systems, pressure gauge included downstream

Electrical:

Minimum Power Requirements: 120VAC, 15AMP single phase
Heater: 1500W Electric heater for cold-weather operation with insulation
Load Center: Sized for incoming service line

Standard Material:

Enclosure: Insulated, weatherproof aluminum kiosk with outswing lockable door. Standard 1.5" (R11) wall and roof panels, structural steel frame (other options available)
Overhead Fill Support: Galvanized steel
Internal Piping: 304 Stainless Steel
Connections: Victaulic Rigid (Style 107) couplers
Access Terminal Coating: Grey powder coating, rated NEMA 3R

Measurement & Controls

Controller Specifications:

Programmable Logic Controller: Allen-Bradley CompactLogix PLC
Human Machine Interface (HMI): Stainless steel, color display, large backlit color coded keys, vandal resistant (IK09)
Communication Interface: Ethernet, Cellular (with SMS/text alarms), or Radio.
Data Storage: Non-volatile memory with automatic synchronization capable of storing up to 250 transactions offline
Software Integration: Compatible with Flowpoint Water+ and Fusion
Software Environment: Client/Server (LAN) or Cloud
SCADA Integration: Supports Ethernet/IP and Modbus TCP (via protocol converter).
Fail-Safe Features: Automatic valve closure on power loss or fault when equipped with a hydraulic globe valve (Bermad, Cla-Val, Singer).
Optional Equipment:

- POS Terminal Payment Modules: Coin, Bill Acceptor, RFID, Credit Card, Digital Wallet Payment

Software and Operation:

Water Cadet integrates with Flowpoint Water+ and Fusion software for remote configuration, real-time usage monitoring, billing. Authorized users access water using a PIN pad or RFID, then select the outlet and desired volume. All transactions are securely logged and synchronized to the administrative software.

Notes

- Please specify outlet size and nozzle type, upper or lower fill and any point-of-sale payment options when ordering

POWERED BY FUSION

Intuitive Water Quality Management Software

877-655-5585
sales@flowpointsystems.com

5 YEAR WARRANTY

30 YEARS ANNIVERSARY