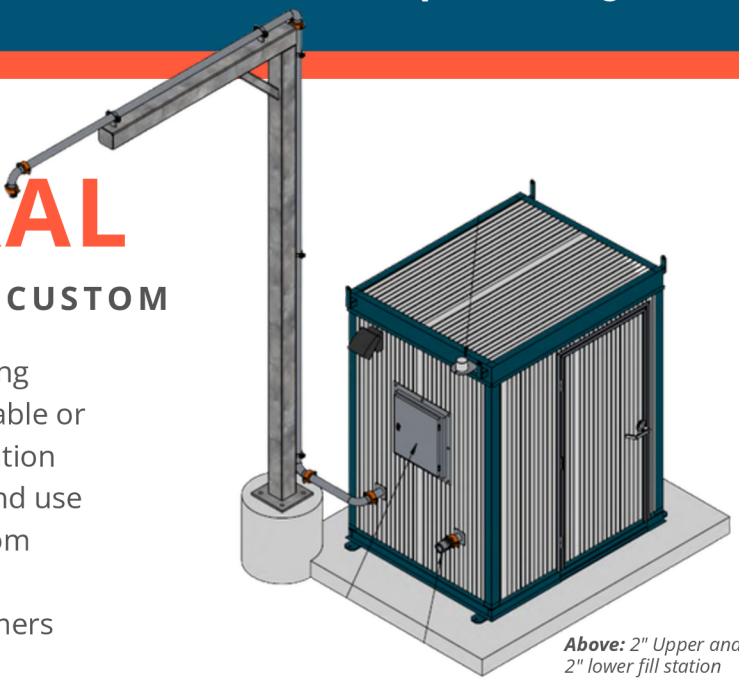
# WATER GENERAL

## WATER ACCESS, CONTROLLED AND CUSTOM



***Above:*** *2" Upper and 2" lower fill station*

**Water General** is our most popular model, delivering secure, remote controlled access for managing potable or non-potable bulk water. Built for reliability, each station features a heated, insulated enclosure for year round use and slow closing valves that protect your system from water hammer. System owners can remotely turn accounts on or off, track usage, and manage customers online through the **Flowpoint Fusion** platform.

Multiple payment options—including on-account billing, credit card, cash, or prepaid access—ensure a simple user experience. The controller supports overhead, lower, and multi-point fills, with optional custom siding and water-quality monitoring.

## Features & Benefits

Fully automated and user-authorized dispensing of bulk water for haulers and contractors

- Built-in metering accuracy for precise billing and accountability
- Secure access control through keypad, RFID, or card reader systems
- Integrated Flowpoint software for transaction monitoring and reporting
- Multi-user and multi-station capability with cloud connectivity
- Fit-for-purpose, corrosion-resistant enclosure; fully weatherproof with optional insulation and heater.
- Multiple fill sizes, including upper and lower fill, water jug fill and multi simultaneous fill

## Typical Applications

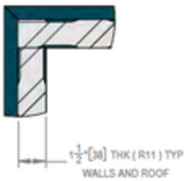
Municipal water utilities
Rural water associations
Construction and dust control operations
Industrial process water supply
Oil & Gas, Agriculture, Fracking, Mining
Reclaimed or non-potable water distribution
Off-grid water use

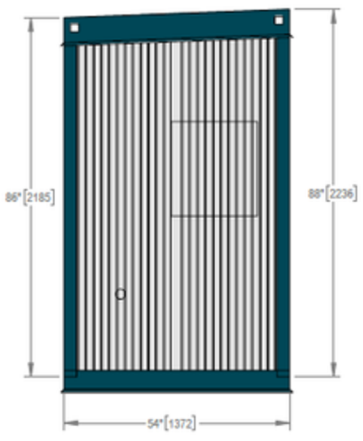
## Sizes and Configurations

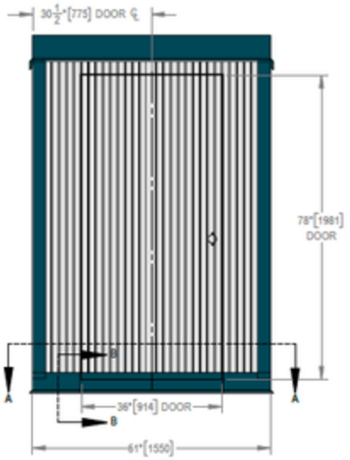
3/4" - 6"
Upper and/or lower fill
Simultaneous multi lane, multi fill
Different sizes for each fill point if desired

## Dimensions

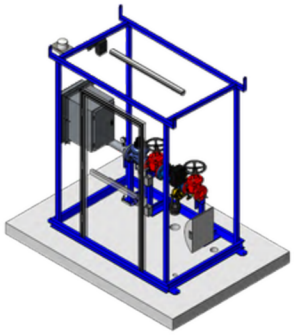
*Sample Station - 2" Lower Fill.*
*Exact dimensions provided with shop drawings after ordering*



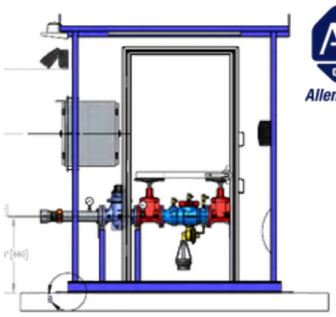



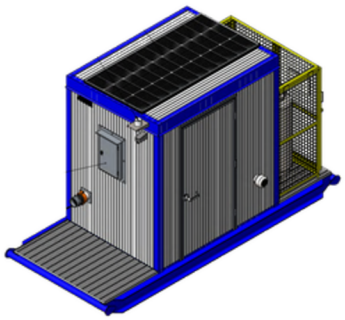
# Water Dispensing



**Simple Installation** every station is built, tested and shipped for quick installation and immediate use



**Automation and Remote Control** Auto drain, solenoid control and remote read metering



**Off Grid, all season** portable options for year round use including solar, propane and cellular communications

## Main System Details

### Mechanical:

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

### Electrical:

**Minimum Power Requirements:** 120VAC, 30AMP single phase
**Internal Lighting:** LED lighting for enclosure interior and exterior
**Heater:** 1500W Electric heater for cold-weather operation with insulation
**Convenience Receptacle:** 120VAC outlet inside enclosure
**Load Center:** Sized for incoming service line
**Alternative Energy Options:** Solar, Propane

### 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

## Notes

- Please specify pipe sizes and configurations upon ordering
- Custom exterior panels including colors, faux brick, stone or siding and Architectural panels optional.

## 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).
**Sensors:** Integrated temperature, door position and flood
**Fail-Safe Features:** Automatic valve closure on power loss or fault when equipped with a hydraulic globe valve (Bermad, Cla-Val, Singer).
**Optional Equipment:**

- CCTV Security Camera
- POS Terminal Payment Modules: Credit Card,RFID, Digital Wallet Payment, Pay Coin, Bill Acceptor
- Water Quality Monitoring instrumentation and flushing
- 5 Gallon jug fill terminal

### Software and Operation:

**Water General** integrates with Flowpoint Water+ and Fusion software for remote configuration, real-time usage monitoring, billing, and alarms. 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.

POWERED BY FUSION

**Intuitive Water Quality Management Software**

FLOWPOINT
**877-655-5585**
sales@flowpointsystems.com

5 YEAR WARRANTY

30 YEARS ANNIVERSARY