WATER COMMANDER

WATER ACCESS, FLEXIBLE AND INDEPENDENT



Above: *Surface Mount Panel*

The **Water Commander** delivers a fully self-contained, weatherproof, stand-alone access terminal for water dispensing control. This controller includes full automation and reporting functionality, along with full remote control through the **Flowpoint Fusion** platform—letting system owners turn accounts on/off, track usage, and manage customers online. Available in a variety of configurations, it adapts easily to any existing building or site.

Multiple payment options—including on-account billing, credit card, cash, and/or prepaid access—ensure a simple payment experience. The controller can manage multiple fill-point configurations, such as overhead or lower fill, in various sizes, making this unit adaptable for existing water sales stations, retrofits, and upgrades.

Features & Benefits

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

- Compatible with most flow-meter brands
- Secure access control through keypad and RFID
- 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.
- The stainless steel user interface is rugged, easy to use and customizable

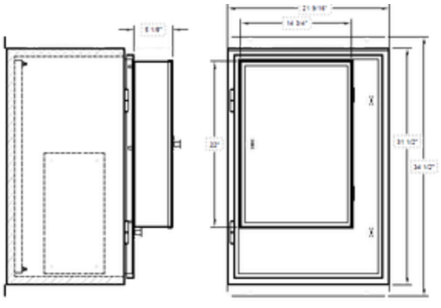
Typical Applications

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

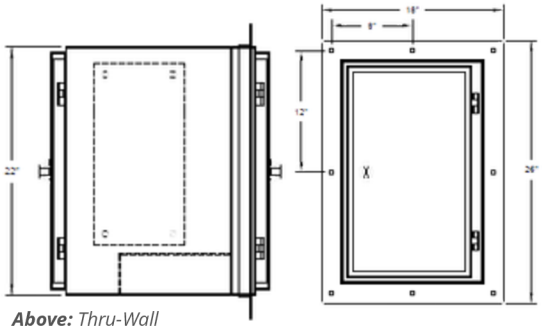
Sizes and Configurations

Thru-Wall panel
Surface Mounted panel
Pedestal Panel
Uni-Strut Panel
Stainless Steel

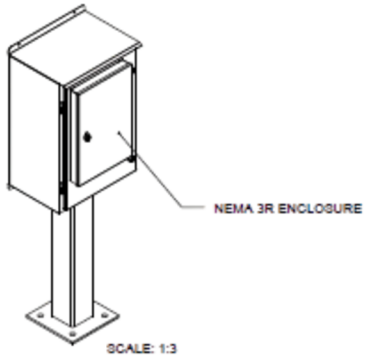
Dimensions



Above: *Surface Mount Enclosure*

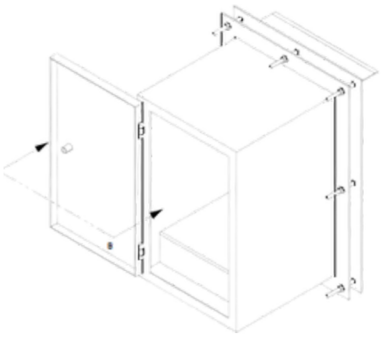


Above: *Thru-Wall*

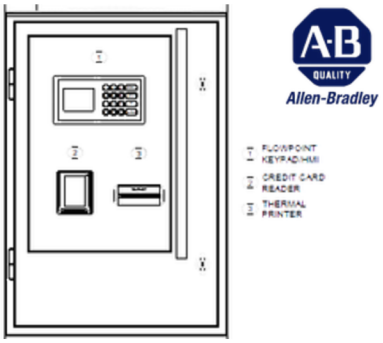


Above: *Pedestal-Mount*

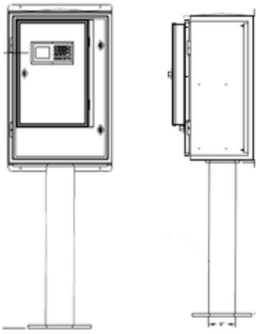
Water Dispensing



Easy and Secure Access double door ensures only authorized access to the controls



Automation and Remote Control Can manage auto drain, solenoid control and remote read metering



Multi Purpose additional features like gate control, integrated camera and payment options create flexibility

Main System Details

Mechanical:

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

Electrical:

Minimum Power Requirements: 15A
Optional Heater: 100W Electric heater for cold-weather operation with insulation

Standard Material:

Optional Overhead Fill Support: Galvanized steel
Access Terminal Coating: Grey powder coating, rated NEMA 3R

Notes

- If leveraging existing hardware, please specify the existing flowmeter model and valve model for proper integration.

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:

- CCTV Security Camera
- POS Terminal Payment Modules: Credit Card, RFID, Digital Wallet Payment, Coin and Bill Acceptor

Software and Operation:

Water Commander 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

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Water Dispensing











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