

# WATER HERO P-100 FLOW MONITOR & AUTOMATIC SHUT-OFF



**Water Hero**®  
Conserve. Protect. Save.

## DESCRIPTION

Water Hero P-100 provides real time water consumption data to a web interface and smartphone. When a leak is detected, users receive a text & email alerts and water is shut-off. It works by reading the rotations of a traditional positive displacement water meter and converts these rotations to digital flow readings.



Leak alerts are sent and automatic shut-off occurs when there is continuous flow for more than a user set amount of time. Water Hero also alerts users when it detects high or low temperatures. Features include:

- Functions like a security system with two modes (home/away) and user configurable text/email alert and automatic shut-off
- Remote water shut-off via smartphone/web interface
- On board temperature sensor
- Rechargeable back-up battery for operation in power outage
- Tracking of historical water consumption

## OPERATIONAL REQUIREMENTS

- Broadband 2.4 GHz Wi-Fi connection [unless opting for cellular option]
- Household power for wall adapter
- Cut into pipe by plumbing contractor

## HOW TO PURCHASE OR LEARN MORE

Offered in ¾” and 1” pipe size through a contractor or through the Water Hero website. Reach out to us at [info@waterheroinc.com](mailto:info@waterheroinc.com) or (877) 662-4496 for pricing information and/or questions

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## COMPONENTS INCLUDED

The P-100 unit consists of five components and access to our software system. Not shown here but also included is a wall adapter and RJ45 cord



**Main Board with Wi-Fi chip and state-of-the-art processor**

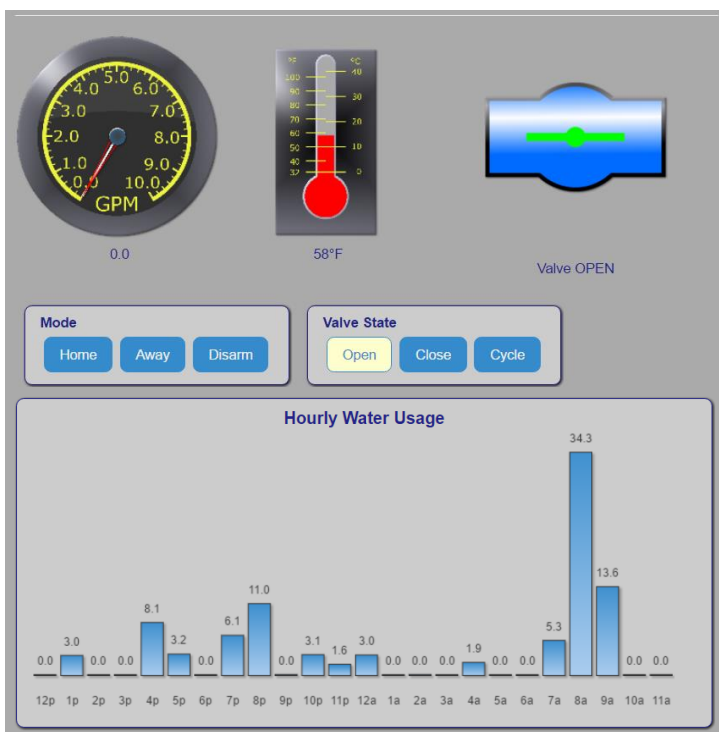


**Water Hero smart electronics, brass water meter and union couplings**

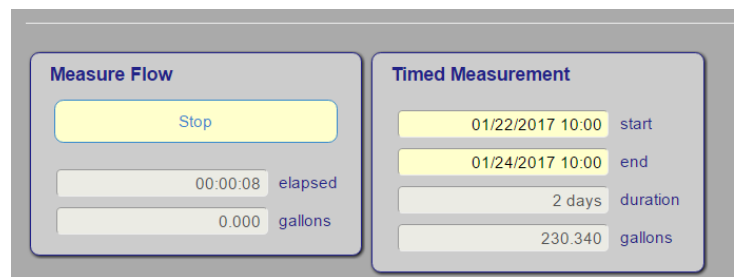


**Motorized ball valve**

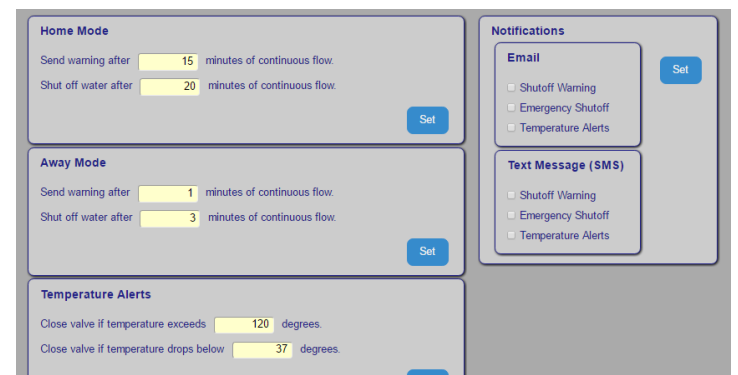
## WEB APPLICATION SCREENSHOTS



**Dashboard**



### Historical & Measure Flow Functions



**Alert Settings**

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## IN-LINE COMPONENT SPECIFICATIONS [1" METER & VALVE]

### STAINLESS STEEL VALVE



- NSF Certified
- Body Material: Stainless Steel 304
- Stainless Steel Gearing
- Rated for 70,000 turns
- Manual Override
- Valve Inner Diameter: 1"
- Max working pressure: 145 PSI
- Dimensions: 3.125" x 3.375" x 4.25"

### ELECTRONICS & METER



- NSF Certified
- Low/High Flow Rate- .15/25 GPM
- Max Working Pressure: 150 PSI
- Min/Max Temp: -49F/185F
- Accuracy: +/- 2.5%
- 1" Water Meter
- Dimensions: 15.5" x 4.125" x 4.25"

*Total Occupied Pipe Length = 18" including union couplings*

## INSTALLATION GUIDANCE

Installation typically takes approximately 1 hour and requires the following high level steps:

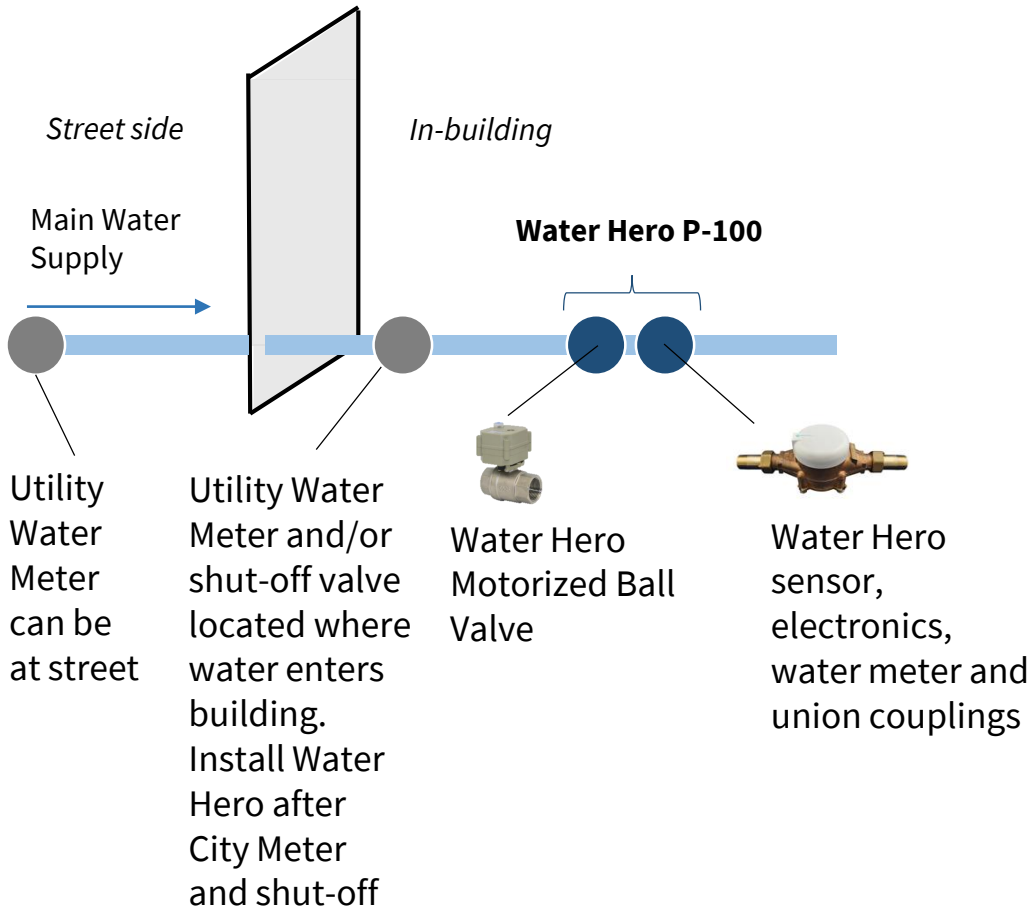
- Drain water after the point of installation
- Cut ~18" section from the pipe where water enters the home
- Assemble and solder necessary fittings, unions, water meter and stainless steel valve into the pipe
- Connect Water Hero with existing homeowner WiFi network

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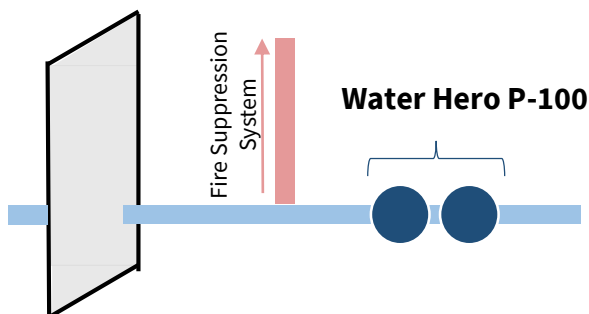
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## TYPICAL CONFIGURATION\*



- Must be installed inside, unit not waterproof
- Main Controller must be installed in vicinity of existing power outlet
- Main Controller must be installed within signal range of home 2.4 GHz WiFi
- Install after Utility Water Meter, typ. where main water supply enters building
- Horizontal or vertical installation
- 18" straight pipe space required

## IMPORTANT INSTALLATION SAFETY CONSIDERATION\*



**WARNING:** Water Hero P-100 must be plumbed after (downstream of) fire suppression systems

\*Installation must comply with federal, local and state building and plumbing codes