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 through a contractor or through the Water Hero website. Reach out to us at info@waterheroinc.com or (877) 662-4496 for pricing information and/or questions
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**
IN-LINE COMPONENT SPECIFICATIONS [1½" METER & VALVE]

**STAINLESS STEEL VALVE**

- NSF Certified
- Body Material: Stainless Steel
- Stainless Steel Gearing
- Rated for 70,000 turns
- Manual Override
- Valve Inner Diameter: 1 1/2”
- Max working pressure: 145 PSI
- Dimensions [L x H]: 3” x 7 ½”

**WATER METER**

- NSF Certified
- Starting/High Flow Rate: .5/100 GPM
- Max Working Pressure: 150 PSI
- Max Temp: 122F
- Accuracy: 97% to 103%
- Dimensions [L x W]: 18 ½” x 7”

Total Occupied Pipe Length = 21 ½” 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 ~21 1/2” 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
**WATER HERO P-100 1 ½” FLOW MONITOR & AUTOMATIC SHUT-OFF**

**TYPICAL CONFIGURATION**

- **Main Water Supply**
  - Street side
  - In-building

- **Utility Water Meter and/or shut-off valve** located where water enters building.
  - Install Water Hero after City Meter and shut-off

- **Water Hero P-100**
  - Water Hero Motorized Ball Valve
  - Water Hero sensor, electronics, water meter and union couplings

- **IMPORTANT INSTALLATION SAFETY CONSIDERATION**

  - 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

**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*