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Moen 900-006

Moen Flo Smart Water Monitor and Automatic Shutoff Sensor

Model: 900-006

INTRODUCTION

The Moen Flo Smart Water Monitor and Automatic Shutoff Sensor is a comprehensive smart home water security system designed to provide 24/7 protection against water leaks and potential damage. Installed on your home's main water supply line, this device continuously monitors water usage, flow rates, pressure, and temperature. It is engineered to detect even the smallest leaks, down to one drop per minute, and can automatically shut off your water supply to prevent costly damage in the event of a significant issue.

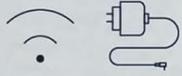
Through the intuitive Moen Smart Water Network App, users receive real-time alerts and have the ability to remotely control their home's water from anywhere. This manual provides essential information for the setup, operation, and maintenance of your Moen Flo Smart Water Monitor and Automatic Shutoff Sensor.

SETUP AND INSTALLATION

The Moen Flo Smart Water Monitor and Automatic Shutoff Sensor is designed for installation on the main water supply line. All necessary components for installation are included in the product packaging. For optimal performance and to ensure proper integration with your home's plumbing system, **professional installation is highly recommended.**

The Model 900-006 is specifically designed to fit 1-inch diameter pipes. It requires a Wi-Fi connection and a nearby AC power outlet for operation.

Installed Directly In-line with Your Home's Main Water Line*



Requires Wi-Fi and a
nearby AC power outlet

*Professional Installation Recommended

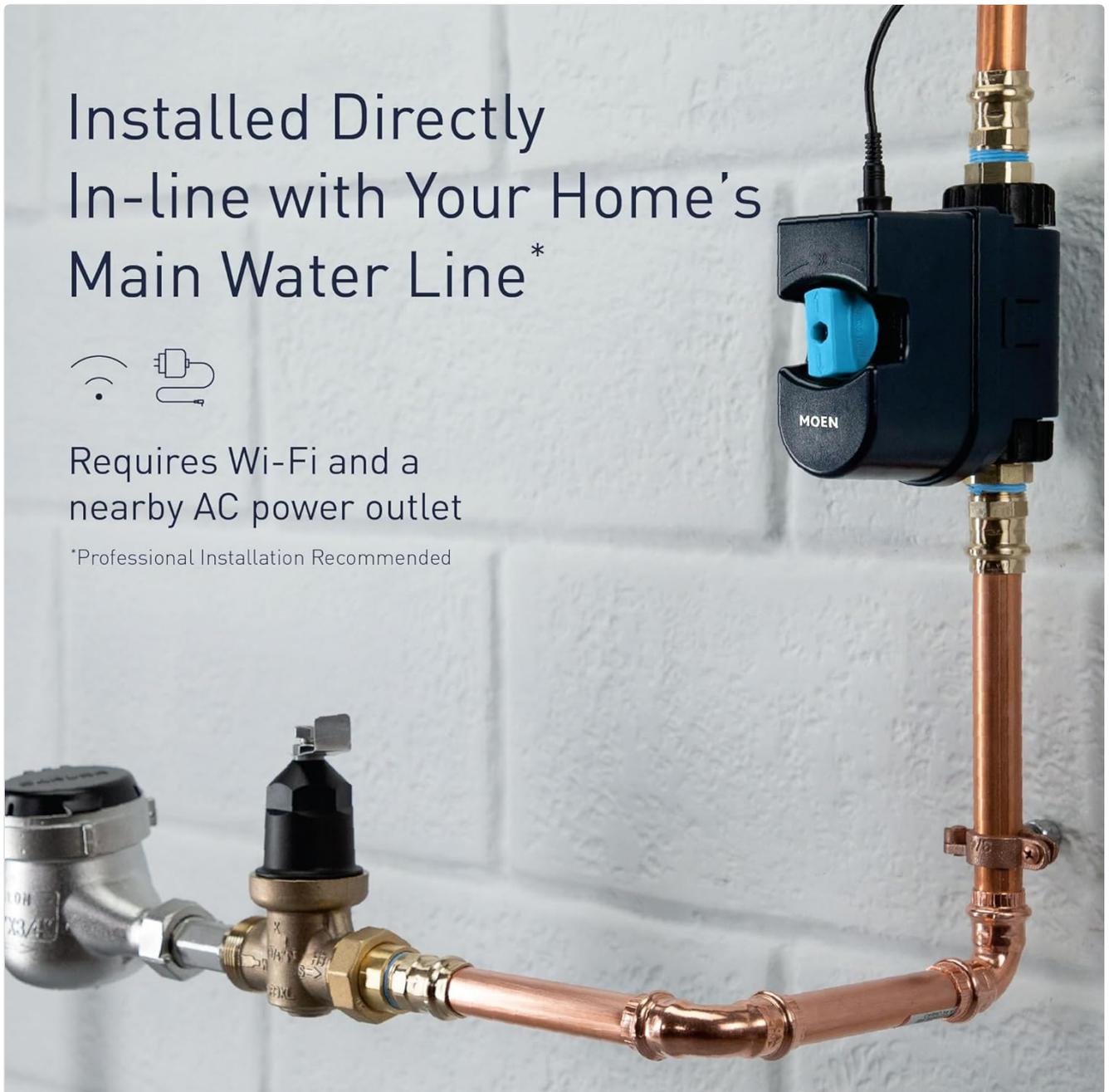


Figure 1: Moen Flo Smart Water Monitor installed directly in-line with a home's main water supply.



The 1" Flo Smart Water Monitor and Shutoff can be installed on water line pipe sizes 1" and smaller.

Finding Your Water Line Pipe Size:
Measure the circumference of your home's pipe to find the right Flo Smart Water Monitor and Shutoff size.

PIPE CIRCUMFERENCE		PIPE SIZE	DEVICE SIZE
2 3/4"	84 mm	3/4"	1"
3 1/2"	90 mm	1"	

Sizing based on copper piping material. Results may differ slightly if measuring PEX, PVC, CPVC, or Polyethylene piping.

Please refer to the nearest comparable copper sizing.

Figure 2: Guide for determining the correct pipe size for installation.

For detailed step-by-step installation instructions, please refer to the official [Installation Manual \(PDF\)](#).

OPERATING INSTRUCTIONS

The Moen Flo Smart Water Monitor operates primarily through the **Moen Smart Water Network App**, available for smartphones and tablets. This app provides comprehensive control and monitoring capabilities.

Monitoring Water Usage

The device continuously tracks your home's water usage. You can view live data including water flow rates (GPM), pressure (PSI), and ambient temperature within the app. This data helps you understand your water consumption patterns and identify potential areas for water conservation.



Figure 3: The Moen Smart Water Network App displaying real-time water monitoring data.

Track and Monitor with the Moen Smart Water Network App

- 📈 Water Usage
- 🌊 Flow Rate
- ⚙️ Water Pressure
- ⚠️ Alerts and Notifications

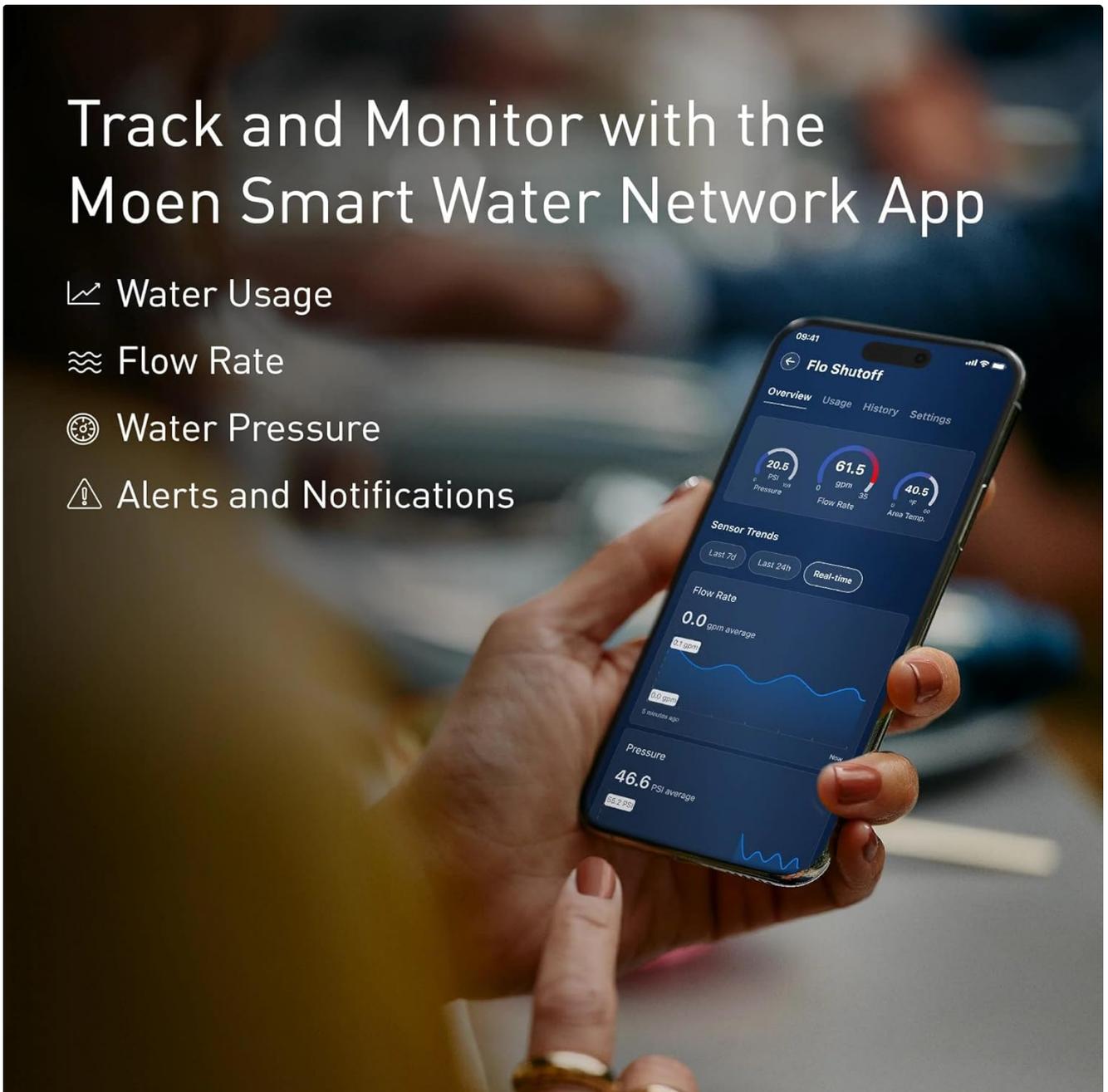


Figure 4: Detailed sensor trends and data available within the Moen Smart Water Network App.

Leak Detection and Alerts

The Flo Smart Water Monitor utilizes FloSense technology to learn your home's unique water usage patterns. This allows it to identify unusual water activity that may indicate a leak. The system provides 24/7 monitoring and performs daily health tests to check for leaks.



Intelligent Leak Detection

FloSense™ technology learns your water habits to ensure your home's plumbing network is running efficiently, while identifying leaks as small as a single drop per minute.

Figure 5: FloSense technology intelligently detects leaks by learning water habits.

If an abnormality is detected (e.g., high pressure, freezing water, or a small leak), you will receive real-time alerts via the app, phone call, and email. This allows you to assess the issue promptly before it escalates.

24/7 Real-Time Alerts

- 🚨 App
- 📞 Text Message
- 📱 Phone Call
- ✉️ Email



Figure 6: Real-time alerts are sent via multiple channels for immediate notification.

Automatic Shutoff

In the event of a critical issue, such as a burst pipe, the device can be set to automatically shut off the water supply to limit damage. You can also manually shut off the water remotely through the Moen Smart Water Network App, regardless of your location.

Whole Home Leak Detection with Automatic Water Shutoff

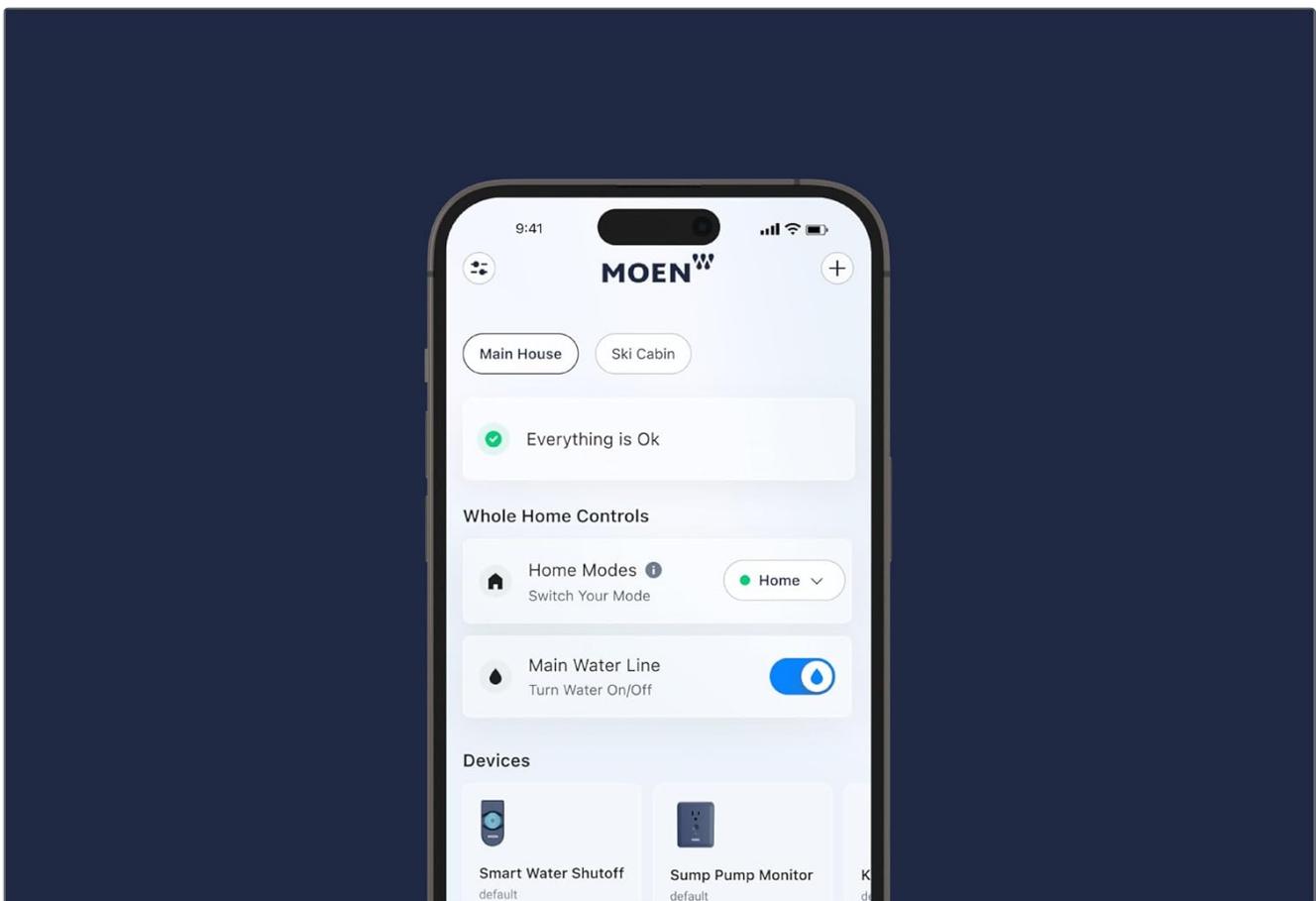


Automatically shut off the water when a leak is detected



Remotely control your home's water from anywhere

Figure 7: The system provides whole-home leak detection and automatic water shutoff capabilities.



24/7 Whole Home Protection

Turn your water off manually through the Moen Smart Water App, or in the event of a catastrophic leak, the device will automatically turn the water off to prevent damage.

Figure 8: The app allows manual control of the main water line and provides 24/7 protection.

MAINTENANCE

The Moen Flo Smart Water Monitor is designed for minimal maintenance. The device performs daily health tests to check for leaks and system integrity. It is recommended to regularly review the weekly water usage reports provided by the app to stay informed about your home's water consumption and identify any unusual patterns.

Ensure the device remains connected to your Wi-Fi network and has a stable power supply. In case of a Wi-Fi connection loss, the device stores the latest learnings locally and continues to safeguard the home until the connection is restored.

TROUBLESHOOTING

Warning: Small Drip Detected

If you receive an alert indicating a small drip, it suggests continuous water flow that is not part of normal usage. This could be due to a running toilet, a faucet that wasn't fully closed, or other minor leaks within your plumbing system. The app will provide guidance on how to investigate and resolve the issue.



Prevent the Risk of Costly Water Damage

Monitors for major leaks 24/7 while daily tests check for leaks as small as 1 drip per minute

Figure 9: The system helps prevent costly water damage by detecting leaks early.

Critical Alert: Fast Water Flow

A critical alert for fast water flow indicates that your water flow has exceeded normal usage, potentially due to a burst pipe or a fixture left running for an extended period. The system is designed to automatically shut off the water supply within a specified time (e.g., 5 minutes) if you do not acknowledge or address the alert.

Wi-Fi Connectivity Issues

If the device loses its Wi-Fi connection, the status light on the unit may change. To re-establish the connection, you may need to temporarily disconnect the power supply to the device and then reconnect it. This can help reset the Wi-Fi module and restore connectivity.

SPECIFICATIONS

Feature	Detail
Model Number	900-006

Pipe Size Compatibility	1-Inch to 1-1/4-Inch diameter pipe
Control Method	Voice (via compatible devices), App
Mounting Type	Wall Mount
Sensor Technology	Flow Sensor
Power Source	AC
Voltage	12 Volts
Material	Brass, Plastic
Item Weight	4.28 pounds
Product Dimensions	4.46 x 2.6 x 5.9 inches
Included Components	Leak Detection System, O-rings, Power Adapter, Spacers, Threaded tailpieces

WARRANTY AND SUPPORT

The Moen Flo Smart Water Monitor and Automatic Shutoff Sensor comes with a **1-Year Warranty**. For further assistance, troubleshooting, or to access the full user guide, please utilize the Moen Smart Water Network App or visit the official Moen support website. You can also refer to the detailed [User Guide \(PDF\)](#) for comprehensive information.