Congratulations on your purchase of a LeakSmart by Waxman™ electronic water leak detection and automatic water shut-off kit for water heaters. This product has been designed to give you years of reliable service and minimize home water damage by detecting water leaks and automatically shutting off the water supply.

To ensure proper installation and to maximize the performance of your LeakSmart water leak detection system, please read this manual thoroughly.

**PLEASE READ CAREFULLY BEFORE PROCEEDING.**

1. **Preparation**
   - If a leak is detected, the LeakSmart Valve will shut off the water going to the water heater. This will stop the continuous flow of water from the water supply to the water heater. However, all or some of the water that is already in the water heater may still leak out onto the floor.

   **NOTE:** This unit was shipped with an installation and operating manual that contains important information about its operation. If you are installing this unit for use by others, we recommend you leave this manual — or a copy of it — with the user. If you are not sure how to install the LeakSmart Valve into your existing water line, we recommend that you contact a licensed Plumber.

2. **Installation**
   - **Step 1**
     - Shut off main water supply valve.
   - **Step 2**
     - Open faucet nearest water heater to relieve water pressure.
   - **Step 3**
     - Shut off main water supply valve.
   - **Step 4**
     - With the contacts of the wire harness connector facing you, plug the 4-pin connector end of the Wire Harness into the LeakSmart Valve. You may mount the panel using the screws and anchors provided into a wall or a panel. Do not plug the AC Adaptor into an extension cord.

3. **Mount the LeakSmart Water Heater Kit**
   - **Step 1**
     - Mount the LeakSmart Control Panel in an easily accessible location.
   - **Step 2**
     - Using suitable weather resistant cable, run the installation and operating manual from the LeakSmart Valve to a location where a licensed Plumber may shut off the water supply. The Length of the AC Adaptor cord may need to be extended using one of the extension wires.
   - **Step 3**
     - CAUTION: Do not plug the AC Adaptor into a wall outlet. Green indicator lights will start to blink when batteries are installed.

4. **Prepare to install the LeakSmart Valve**
   - **Step 1**
     - For use with water only. Do not install on gas line.
   - **Step 2**
     - E (1) Wire Harness
   - **Step 3**
     - D (1) AC Adaptor
   - **Step 4**
     - C (1) Leak Sensor with Paper Sleeve
   - **Step 5**
     - B (1) LeakSmart Water Heater Kit
   - **Step 6**
     - A (1) LeakSmart Water Heater Kit

5. **Install the LeakSmart Water Heater Kit**
   - **Step 1**
     - The LeakSmart Valve should be installed within 2 feet of the water heater to the point where the cold water line is connected.
   - **Step 2**
     - **FEATURES:**
       - • Cold cut-off
       - • Polished with battery backup – For continued operation in the event of power outages
       - • Automatic maintenance cycling of the valve to ensure reliable operation
       - • Valve opens and closed with the touch of a button
       - • Actuatable alarm when a leak is detected
       - • Batteries last up to 3 years
       - **CAUTION:** Do not plug the AC Adaptor into an extension cord.

6. **Connecting the LeakSmart Water Heater Kit**
   - **Step 1**
     - CAUTION: Make sure the LeakSmart Valve is not connected to the adaptor before proceeding.
   - **Step 2**
     - Connect the AC Adaptor to the LeakSmart Valve.
   - **Step 3**
     - Connect the AC Adaptor to a nearby wall outlet.

**WARNING:** Do not plug the AC Adaptor into an extension cord.

8. **Battery Replacement**
   - **Step 1**
     - If a nearby wall outlet is not available you will need to purchase a LeakSmart "AC Adaptor" Model #8821100 (available where you purchased your LeakSmart System). This wire extends the length of the AC Adaptor cord by 22'. The LeakSmart Valve should be installed within 2 feet of the water heater to the point where the cold water line is connected.

9. **Step 4**
   - **FEATURES:**
     - • Cold cut-off
     - • Polished with battery backup – For continued operation in the event of power outages
     - • Automatic maintenance cycling of the valve to ensure reliable operation
     - • Valve opens and closed with the touch of a button
     - • Actuatable alarm when a leak is detected
     - • Batteries last up to 3 years
     - **CAUTION:** Do not plug the AC Adaptor into an extension cord.

10. **Step 5**
    - **FEATURES:**
        - • Cold cut-off
        - • Polished with battery backup – For continued operation in the event of power outages
        - • Automatic maintenance cycling of the valve to ensure reliable operation
        - • Valve opens and closed with the touch of a button
        - • Actuatable alarm when a leak is detected
        - • Batteries last up to 3 years
        - **CAUTION:** Do not plug the AC Adaptor into an extension cord.

11. **Step 6**
    - **FEATURES:**
        - • Cold cut-off
        - • Polished with battery backup – For continued operation in the event of power outages
        - • Automatic maintenance cycling of the valve to ensure reliable operation
        - • Valve opens and closed with the touch of a button
        - • Actuatable alarm when a leak is detected
        - • Batteries last up to 3 years
        - **CAUTION:** Do not plug the AC Adaptor into an extension cord.

12. **Step 7**
    - **FEATURES:**
        - • Cold cut-off
        - • Polished with battery backup – For continued operation in the event of power outages
        - • Automatic maintenance cycling of the valve to ensure reliable operation
        - • Valve opens and closed with the touch of a button
        - • Actuatable alarm when a leak is detected
        - • Batteries last up to 3 years
        - **CAUTION:** Do not plug the AC Adaptor into an extension cord.