



# Installation & User Manual



### **INSTRUCTION TO THE USER:**

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the No-Flood base unit.
- Increase the separation between the equipment and the No-Flood base unit.
- Connect the equipment into an outlet on a circuit different from that to which the No-Flood base unit is connected.
- Consult No-Flood technical support for help.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without approval of manufacturer could void the user's authority to operate this equipment.

BASE UNIT FCC ID: Y76-NFBASERA  
SENSOR UNITS FCC ID: Y76-NF SENSORRA



Congratulations on your purchase of the No-Flood System. Your home is now protected from the most expensive, and common damage caused in a home, flooding. The No-Flood System is designed to detect the presence of water from leaky plumbing, and terminate the water flow. It is recommended that a sensor be placed anywhere in a house where there is water flow. The sensor will not be activated by common household activities such as cleaning, or a small amount of splashing around a sensor. The sensor is designed only to activate at the start of a flood condition.

#### **How It Works:**

When a sensor detects water, a wireless signal is transmitted to the base unit indicating a potential flood. The Base Unit springs into action closing the valve that is installed on the main incoming water line. The Base Unit also displays what Zone the signal came from, and changes the light from GREEN to RED. This makes it very simple to identify the problem area. Once the affected area is repaired, dry the Sensor, and return it to its original location. Press the reset button on the Base Unit, and the valve will open automatically. A catastrophic flood has been averted.

#### **Installation Procedure:**

Carefully unpack shipping box and determine the contents. There should be 4 wireless sensors, 1 main control box, an electrical AC adaptor, and an automated ball valve.



**Main Control Unit Installation:** Select a Main Control Unit mounting location close to a 120v outlet, and within reach of the cable for the automated ball valve. With the paper template, mark the mounting location of the Main Control Unit on the wall. Install the provided screws allowing the key-hole cutouts on the back of the Main Control Unit to slide between the screw head and the wall. Connect the power cord from the ac adaptor into the two-prong connector on the bottom right side of the Main Control Unit. Plug-in the AC power adapter to the wall outlet. The main control unit will now perform start-up and begin scanning for sensors.

**Automated Ball Valve Installation:** It is recommended that the valve be installed into the main incoming water line by a licensed plumber with knowledge of the local codes and requirements. Install the automated ball valve into the main incoming water line by either soldering or using a fitting crimping system. Run the cable from the automated ball valve to the location of the main control box. Connect three-prong connector to the center plug in the bottom of the main control box. The Automated Ball Valve is now active.

**Sensor Installation:** Locate areas on the floor near where pressurized water may leak for example near a water heater, behind a washing machine, or under a sink. Remove the lid from the sensor, and install the 2 AA batteries. Slide the switch to the “On” position. Note the sensor number. Orient the “F” antenna toward the Main Control Unit, and replace the lid. Place the Sensor on a flat surface where water detection is necessary. Check the Main Control Unit to ensure that “Zone” or sensor number is now indicated with a green light. Utilize the same procedure for installing the remaining Sensors at strategic location throughout the structure. When all of the Sensors have been placed, the NO-FLOOD system is actively protecting you from a flood.

### **Maintenance:**

A semi-annual check should be performed to assure maximum protection. Follow these steps for each sensor:

1. Place a wet sponge or cloth under the sensor.
2. Check Base Unit to ensure that the Zone has been activated. If the Zone is not activated, ensure that the sponge or cloth is moist, and that the sensor orientation is the same as when installed.
3. Remove sponge or cloth and dry the bottom of the sensor.
4. Place sensor back into original location paying attention to the orientation.
5. Press the Reset button on the Base Unit.
6. The System will proceed through a self-test.
7. When complete, all active Zone Lights will be green and the system will be armed.

Each Sensor is equipped with a low battery protection circuit. When the batteries in a sensor become low, a signal will be sent to the Base Unit. The Base Unit will change the Light for the Zone to flashing Yellow. This signifies that the batteries will need to be changed. The Sensor will still provide protection for a period of time until the battery can be replaced. If this warning is ignored, there is a final signal that will be sent to the Base Unit signifying that there is no longer enough battery life to provide protection. When the Base Unit receives this signal, the Zone light will turn Red, and the Valve will close. It is NOT recommended to reset the System until the Sensor batteries are replaced, and the Sensor is tested using the semi-annual check procedure.



**Description of items:**

Base Unit

Powered by 24VAC transformer

Sensors

Powered by 2 AA Batteries

Valve

Actuated by Base Unit