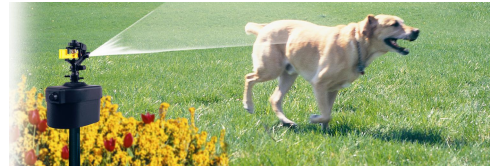


## Havahart® Spray Away Set Up Instructions



**Step 1.** Remove the Spray Away device from the package and read all instructions.

**Step 2.** Open the battery cover under the housing and install one 9-volt battery (not included).

**Step 3.** The Spray Away's internal water valve clicks audibly when opening and closing. To test the operation of your unit, turn the sensitivity knob fully clockwise. Next, wave your hand in front of the sensor lens and listen for clicks. The valve should click open and then click closed 3 seconds later. There is an 8-second "time out" after closing when motion will not be seen. If there is no clicking at all try a new battery.

**Step 4.** Thread the sprinkler onto the top of the sensor housing and the stake into the bottom of the sensor housing. Both of these fitting should be tightened by hand but be snug enough to avoid leakage.

**Step 5.** Connect your garden hose to the stake and position the Spray Away so it is pointed in the direction you want to protect. Push the spike into the ground by stepping on the flat surface above the hose. Use only your hands on the housing to adjust the direction.

### Tips for Spray Away

- If sensitivity begins decreasing during your set-up process, simply turn the knob to zero for 2 seconds and back on again.
- This will disable the "auto adjusting" circuitry for an additional 5 minutes.
- Make small changes in sensitivity so you do not over-correct.
- If your water pressure is low, effectiveness is increased if you reduce the sprinkler arc to cover a smaller area.

### Cautionary Reminders for Spray Away

- Always turn water off and trigger unit with your hand to reduce line pressure in the hose before disconnecting the unit or the hose.
- When pushing the stake into the ground, do not apply weight onto the housing.
- Before the first winter frost, take the Spray Away inside and remove battery.
- Install a pressure-reducing valve on the tap if you have high water pressure (over 80psi).
- Keep the lens clean by wiping gently with a damp cloth.
- To reduce the chances of having a flood in your yard should your hose break, simply reduce the amount you open the tap and let the hose act as a "pressure vessel" for the 2-3 cups needed per activation. This tactic will not save an inexpensive hose from bursting, but it will minimize the amount of water wasted if the worst should occur.

## Setting Sensitivity

This does not require the water to be turned on if you can hear the clicks up to 35 feet away from the Spray Away. In a noisy area where the audible clicks cannot be heard each time you move, water should be used for testing. To avoid getting wet during the set-up process, simply point the water spray to one side for the duration of the set-up process.

**Step 1.** Point the Spray Away's lens to cover the desired area.

**Step 2.** Turn the sensitivity knob to the OFF position for 2 seconds. This disables the "auto adjust" circuit for 5 minutes while you are fine-tuning the sensitivity.

**Step 3.** Turn the knob up to your desired sensitivity level based on the chart in Figure 3.

**Step 4.** Pace back and forth directly in front of the Spray Away at the maximum distance you want to detect, see Figure 3. The sprinkler will activate when the Spray Away has detected you. After the 3 second pulse of water, the Spray Away will shut off for 8 seconds. Remain still for approximately 10 seconds after each activation while Spray Away resets itself. Then repeat until you have a clear idea of the area covered by the Spray Away at this setting.

**Step 5.** Increase or decrease the sensitivity until you are satisfied with the Spray Away's detection area characteristics.

## Adjusting Water Coverage

Ensure that the Spray Away's lens is pointed to cover the desired area, see Figure 1 and Figure 4, then with the water off initially, adjust the arc and distance as follows:

**Step 1.** Select the arc range the sprinkler should travel. The range is from 0 to 300 degrees. The controls may vary on sprinklers, but are controlled by stem tabs illustrated in Figure 2. Position them so the metal wire clip travels between these tabs and faces the area to be sprayed. The wider the tabs are apart the greater the arc size. When operating normally, the head will cycle back and forth from side to side, with the metal clip hitting each tab before reversing direction.

**Step 2.** Adjust the distance water is to be sprayed. This is controlled by raising and lowering the water deflector dial at the top of the sprinkler, see Figure 2.

**Step 3.** Turn the water ON and walk-test the area. Ideally, the sensor should have been adjusted to trigger when you are within the spray area, and you should get wet when the device triggers.