

# Havahart® Spray Away™ Elite II Sprinkler Repellent

## Owner's Manual



[www.Havahart.com](http://www.Havahart.com)

# Owner's Manual

*Thank you for purchasing the  
Havahart® Spray Away™ Elite II Sprinkler Repellent!*

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## **Woodstream® Corporation**

69 North Locust Street

Lititz, PA 17543

United States

**[www.Havahart.com](http://www.Havahart.com)**

*If you encounter any problems while assembling  
your Spray Away™ Elite II, please refer to the  
Troubleshooting section or call us at 1.855.542.8242.*

# Cautionary Reminders

**⚠ IMPORTANT!** Spray Away™ Elite II comes pre-charged to be used right out of the box. However the amount of charge retained will depend on how long the unit is stored before use. If the "low battery" light comes on during setup, you may need to allow the unit to charge in full sunlight for 3 days. (Ensure the unit is ON, sensitivity is set to 1, and *Infrared Sensor* is facing away from activity.)

**⚠** To prevent damage to battery when temperature drops below 32°F, store Spray Away™ Elite II indoors in an area above 32°F. Make sure unit is turned OFF before storing.

**⚠** Transport Spray Away™ Elite II by the base (bottom)—do not pick up Spray Away™ Elite II by the head or neck.

**⚠** Do not transport Spray Away™ Elite II when *Water Basin* is full.

**⚠** Dust, dirt or hard water can limit sensitivity—keep *Infrared Sensor* clean by wiping gently with a damp cloth.

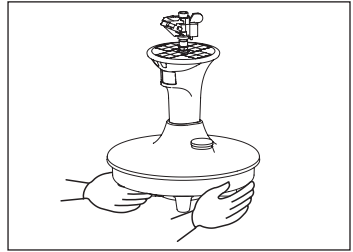
**⚠** Clean *Solar Panel* regularly to maximize exposure to sunlight.

**⚠** Avoid touching *Solar Panel* as it may get hot.

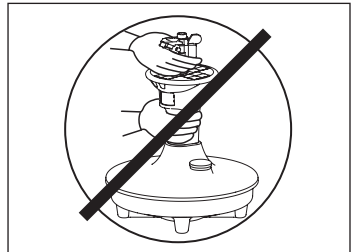
**⚠** A maximum sensitivity level is more prone to have repeated/erroneous sprays.

**⚠** To minimize false triggers, avoid pointing Spray Away™ Elite II at moving water, windy areas and moving vehicles.

## CARRY FROM BOTTOM!



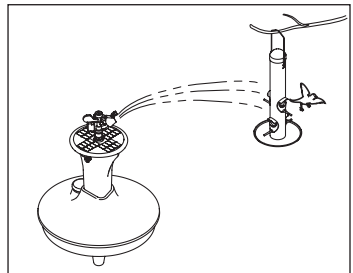
## DO NOT PICK UP BY HEAD OR NECK!



## SOLAR PANEL MAY BE HOT!



## MAY FRIGHTEN BIRDS!



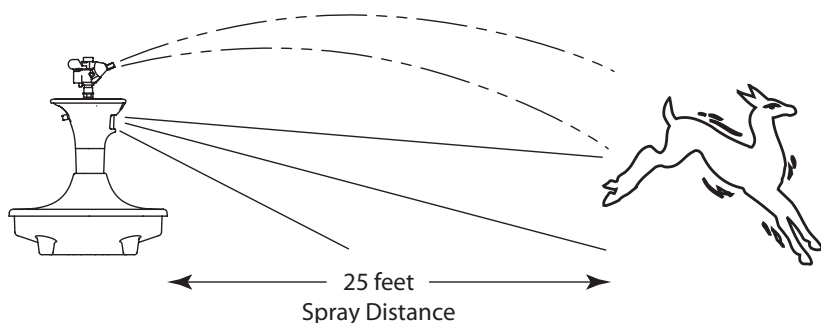
# How It Works

Havahart® Spray Away™ Elite II Sprinkler Repellent provides an innovative, humane way to keep unwanted animals out of your yard and garden. Sensing animals of all sizes, Spray Away™ Elite II provides an environmentally-friendly and safe alternative to chemical repellents and electric fences. Spray Away™ Elite II uses an infrared sensor to detect the animal, and then deploys a burst of water combined with unexpected noise and motion to create a safe and effective deterrent.

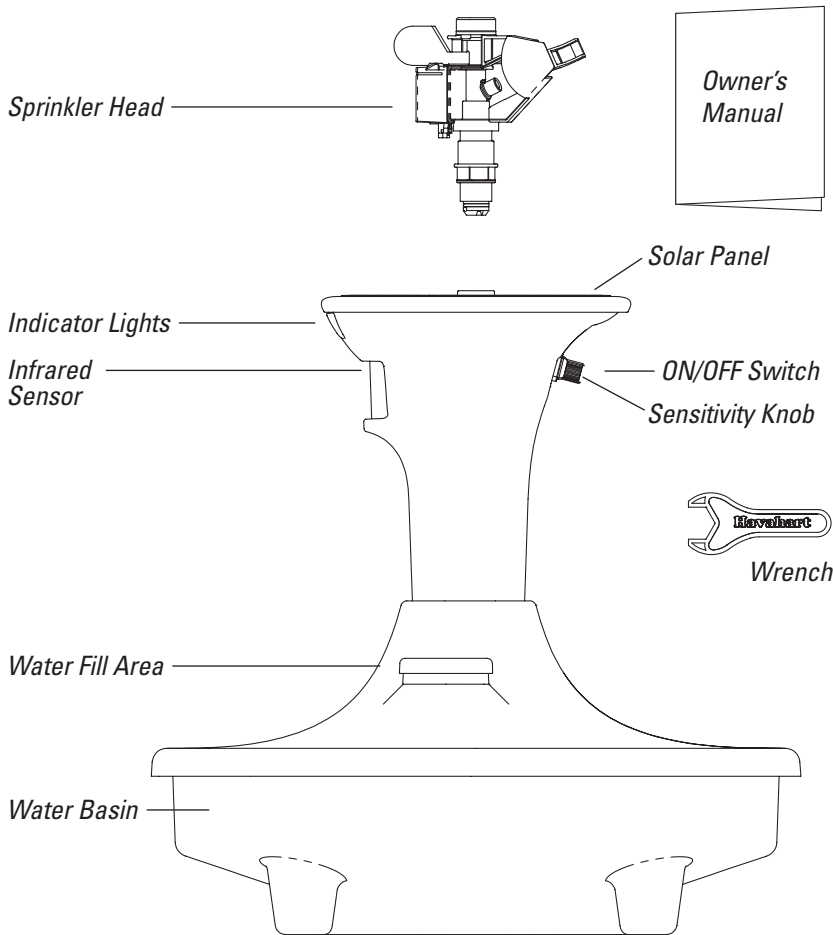
Best of all, Spray Away™ Elite II does not use an attached garden hose—making it portable and easy to use! Instead of a hose, it utilizes a water basin that holds 3.5 gallons of water and lasts for approximately 35 activations.

Spray Away™ Elite II is powerful enough to protect up to 1900 square feet while detecting motion 35 feet in front of the unit. Whether you have a deer or rabbit snacking on plants, or a heron stealing fish from your pond, the versatile Spray Away™ Elite II will condition these critters to find lunch elsewhere!

**Note:** Spray Away™ Elite II works best in areas with moderate activity. High amounts of activity will cause frequent activations resulting in more maintenance with basin refills and battery drain. Battery capability is intended for approx. 2 basin refills/week.



# Components



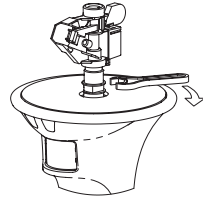
**Missing Something? Call us at 1.855.542.8242!**

# Assembly Guide

## 1. Attach the Sprinkler Head

- Attach the *Sprinkler Head* by hand to the top of the *Solar Panel*.
- Using the *Wrench* supplied, finish tightening.

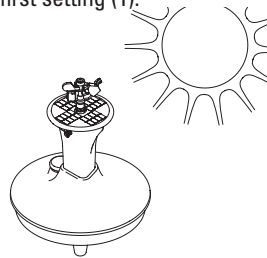
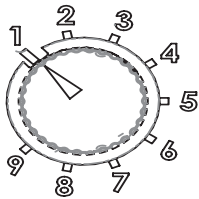
**Note:** Wrench will slip off sprinkler head when fully tightened. Wrench ensures sprinkler cannot be over-tightened.



## 2. Charging Spray Away™ Elite II

**IMPORTANT:** Spray Away™ Elite II comes pre-charged to be used right out of the box. However the amount of charge retained will depend on how long the unit is stored before use. If the "low battery" light comes on during setup, you may need to allow the unit to charge in full sunlight for 3 days.

- Place **outside in full sun in area where it will not activate.**  
**DO NOT fill with water.** (areas away from moving plants, water, cars, animal activity, etc.)
- Turn Spray Away™ Elite II ON and turn *Sensitivity Knob* to first setting (1). This will ensure the battery is not draining while charging.



**Note:** Battery performance improves over time - the best battery performance will be achieved once the unit charges and discharges a minimum of 3 cycles.

**Note:** After unit is stored for a period of time, it may have to be recharged for 3 days before use.

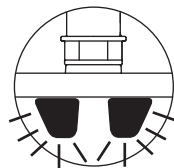
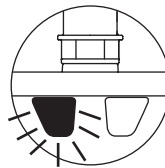
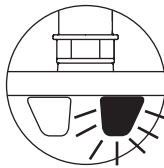
## 3. Indicator Lights Flash Guide

### INDICATOR LIGHTS GUIDE

Low water

Low battery

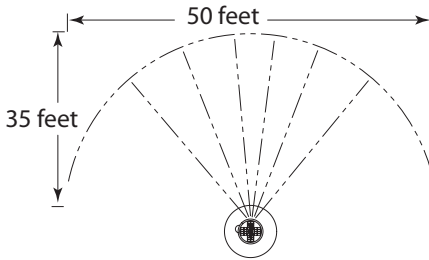
Low water & low battery/  
movement sensed



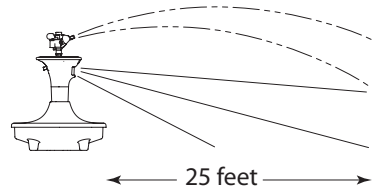
# Placement Guide

## 1. Find the Ideal Location

Place Spray Away™ Elite II in area in which animals will cross the Detection Range.



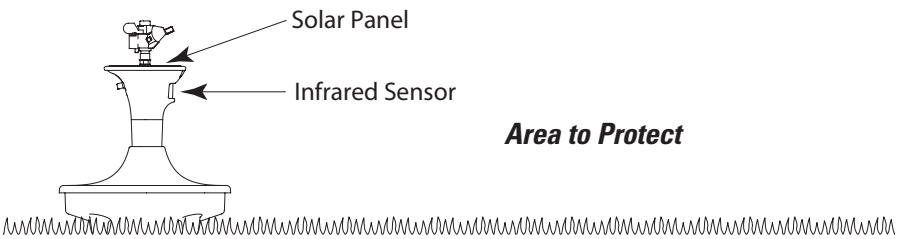
**Detection Range**



**Spray Distance**

## 2. Determine the Best Position

Place the unit so that the *Solar Panel* is level to the ground, and the *Infrared Sensor* is facing the area to be protected.



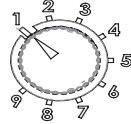
\* To prevent damage to battery when temperature drops below 32° F, store Spray Away™ Elite II indoors in an area above 32°F. Make sure unit is turned OFF before storing.

# Sensitivity Guide

## 1. Setting the Sensitivity

- Using the Suggested Settings Charts, adjust the *Sensitivity Knob* accordingly.

**SENSITIVITY  
KNOB**



### Setting the Sensitivity in Temperatures BELOW 80 degrees F

Animal Size	Distance		
	10 Feet	20 Feet	30 Feet
<b>Small</b>	7	8*	8*
<b>Medium</b>	5	6	7
<b>Large</b>	2	2	3

### Setting the Sensitivity in Temperatures ABOVE 80 degrees F

Animal Size	Distance		
	10 Feet	20 Feet	30 Feet
<b>Small</b>	9	9*	9*
<b>Medium</b>	8	9	9
<b>Large</b>	4	5	6

\*Some small animals may not be seen at this distance

Because Spray Away™ detects heat, the sensitivity must be set higher in warmer temperatures. Please use the appropriate chart when temperatures reach 80 degrees F+.

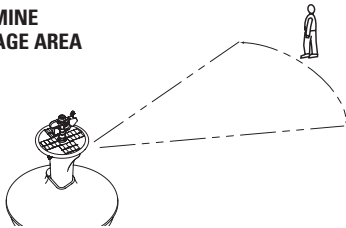
**Note:** In warmer temperatures, along with using higher sensitivity settings, the risk of false triggering is higher. The sensitivity should be turned down in the case of false triggers.

## 2. Testing the Sensitivity

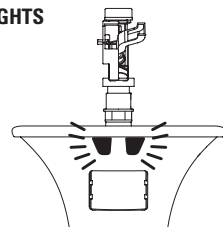
**IMPORTANT:** Test sensitivity area without water to ensure you do not drain battery.

- Turn unit to ON position; wait 30 seconds before moving in front of the sensor. During this time, the unit is calibrating. Moving in front of *Infrared Sensor* immediately after turning unit ON will delay start up.
- Start outside your desired coverage area and walk from left to right in front of Spray Away™ Elite II.
- Spray Away™ Elite II's *Indicator Lights* will illuminate for 3 seconds when it senses you. Repeat this process until you are satisfied with Spray Away™ Elite II's coverage area.

**DETERMINE  
COVERAGE AREA**



**INDICATOR LIGHTS  
FLASH WHEN  
SENSING**

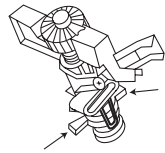
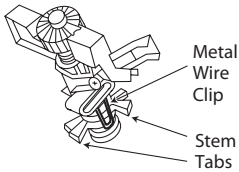


**Note:** Spray Away™ Elite II will reset for 8 seconds between activations and will not detect.

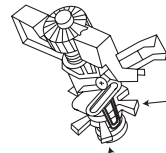
# Adjusting Water Coverage

## 1. Position Stem Tabs to Adjust Sprinkler Travel

- Set the sprinkler's spray pattern to direct the water towards the desired protection area.



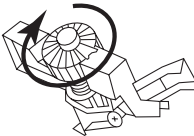
Wide tabs produce wide arc



Narrow tabs produce narrow arc

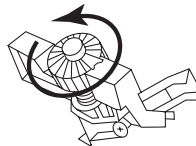
## 2. Adjust the Water Spray

Maximum



Clockwise increases spray distance

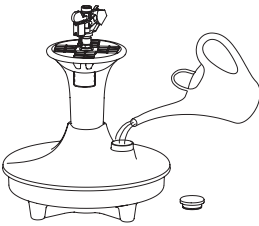
Minimum



Counter-clockwise reduces spray distance

**Note:** Unit will not oscillate when battery is low.

## 3. Start Repelling!

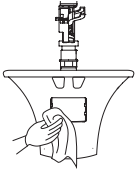
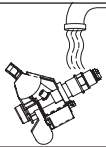
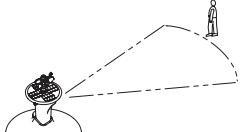



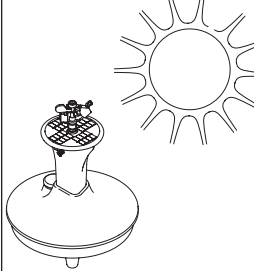
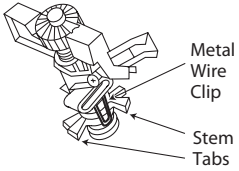


- Turn the unit OFF, then fill the *Water Basin* with tap/hose water.
- Fill *Water Basin* to the top of the *Water Fill Area*. *Spray Away™ Elite II* holds approximately 3.5 gallons of water. Do not feed hose into unit.
- Stand behind the *Infrared Sensor* and turn the unit ON. Wait 30 seconds.
- Wave your hand in front of the *Infrared Sensor* to activate *Spray Away™ Elite II* and ensure the arc and distance fit your needs.

(Continuously activating the unit to test coverage area will significantly drain battery. DO NOT test more than 3-5 sprays without allowing for recharge time.)

# Troubleshooting

If you encounter any problems with *Spray Away™ Elite II*, please call us at 1.855.542.8242.

Problem	Solutions	Illustration
<b>Spray Away™ Elite II does not 'see' animals</b>	<ul style="list-style-type: none"> <li>- Reset sensitivity setting and target area (pg. 7).</li> <li>- Wipe <i>Infrared Sensor</i> with a soft damp cloth.</li> <li>- On extremely hot days, <i>Infrared Sensor</i> may not detect animals. Please refer to the chart on pg. 7 to determine the sensitivity in temperatures of 80° F+.</li> </ul>	
<b>Spray Away™ Elite II leaks water through its Sprinkler Head</b>	<ul style="list-style-type: none"> <li>- <i>Sprinkler Head</i> isn't tight enough.</li> <li>- Debris may be lodged in <i>Sprinkler Head</i>—remove and run under water.</li> </ul>	
<b>Unit is activating when no animal is present</b>	<ul style="list-style-type: none"> <li>- Sensitivity is too high—reconfigure sensitivity setting (pg. 7).</li> </ul>	
<b>Low Water Indicator Light</b> 	<ul style="list-style-type: none"> <li>- Turn unit OFF, then fill the <i>Water Basin</i> with hose/tap water. Turn unit back ON.</li> </ul>	
<b>Low Battery Indicator Light</b> 	<ul style="list-style-type: none"> <li>- Place in full sun for 3 days to recharge—ensure unit is turned ON and <i>Sensitivity Knob</i> is at 1. May take up to 5 days in overcast conditions.</li> <li>- Chronic Low Battery? Unit is activating too frequently (10 activations/day Max.).</li> <li>- After charging, adjust sensitivity down to reduce activations.</li> </ul>	
<b>Sprinkler Head is not oscillating</b>	<ul style="list-style-type: none"> <li>- Low Battery—allow time to recharge.</li> <li>- Check that <i>Metal Wire Clip</i> is in correct place in between two stem tabs (pg. 8).</li> <li>- Clean the <i>Sprinkler Head</i> of possible debris or mineral build-up.</li> </ul>	

# Warranty

This warranty, two (2) years from the purchase of the unit, is extended only to the original purchaser/user of products.

Woodstream Corp. warrants its products to be free from defects in materials and workmanship for the warranty period by the original purchaser/user.

For warranty service, please contact our Customer Service (855) 542-8242. Please indicate the nature of the defect.

If Woodstream Corp. determines there may be a defect, Woodstream Corp. will issue a Return Goods Authorization (RGA) number. The defective unit or parts must be returned for warranty inspection using the RGA number, when applicable, as identification within (30) days of return authorization date. DO NOT return products to our factory without our prior consent, as they, as well as C.O.D. shipments, will be refused. Woodstream Corp., at its option, shall replace the unit, replace the defective part(s) and return such unit to you. Woodstream Corp.'s sole obligation and your exclusive remedy under this warranty shall be limited to such replacement.

**Limitations and Exclusions:** The warranty shall not apply to problems arising from normal wear, or failure to adhere to the enclosed instructions. In addition, the foregoing warranty shall not apply to serial numbered products if the serial number has been removed or defaced; products subject to negligence, accident, improper operation, maintenance or storage; products damaged by circumstances beyond Woodstream Corp.'s control; or products modified (including, but not limited to modifications through the use of unauthorized parts or attachments) or repaired by anyone other than Woodstream Corp. or its designee.

The foregoing warranty is exclusive and in lieu of all other warranties, express or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose. It shall not extend beyond the duration of the express warranty provided herein, and the remedy for violations of any warranty shall be limited to repair or replacement of the defective product pursuant to the terms contained herein. Woodstream Corp. shall not be liable for any consequential or incidental damages whatsoever.

This warranty gives you specific legal rights and you may also have other legal rights which may vary based on location.

**Register your product online at:  
[www.Havahart.com/customerservice/product-registration](http://www.Havahart.com/customerservice/product-registration)**

## Havahart® Total Yard Protection

Check out our other Havahart® brands online. Visit [www.Havahart.com](http://www.Havahart.com) to learn more.



**Critter Ridder®** is a powerful, all-natural, multi-species animal repellent. The patented formula combines three different types of pepper to irritate the animal's sense of taste, smell and touch to drive them away from protected areas.



**Deer Off®** uses a Dual Deterrent System that repels deer, rabbits, and squirrels by odor and taste. The odor of putrescent egg mimics the scent of a dead animal, and the taste of garlic and capsaicin irritate the animal to stop it from feeding on your plants.



**DeFence®** stops rabbits and deer from eating your plants and garden. The scent of putrescent egg, mimics the scent of a dead animal, and signals a predator is nearby, causing the animal to flee the area.

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