IRON OWL®
ROOFTOP SPRINKLER

When Rooftop Sprinklers are activated, they spray water high up in the air, which then lands on the roof, trees, and other surfaces.

Some of the water evaporates, increasing the relative humidity and reducing temperatures in the area around the sprinklers.

Temperatures in the surrounding area will drop, and the area will become very wet over a period of several hours. The cumulative effect of the huge influx of water will create a wetter, cooler environment.

How many sprinklers can I connect to a single garden spigot?

In many cases, a single spigot can run two sprinklers. Please test and measure to determine if all the sprinklers are outputting enough water to meet your needs. Keep in mind that the manufacturer has no control of the water pressure or water getting to the sprinklers at your location. In addition to water pressure, the length and type of hose or pipe used and the altitude of the sprinklers will drastically affect water flow. We suggest that you test to ensure that the water output for each sprinkler meets your needs at your location in real-world testing.

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What kind of hose is recommended?

An industrial-grade or hot water hose with an inside diameter of either 3/4 inch or 5/8 inch is recommended. Using a hose with a smaller inside diameter may reduce water flow.

What is the range of each Sprinkler?

Each Sprinkler can cover a radius of up to 45 feet, depending on water flow. Less water flow will result in shorter range.

How much water can a single Iron Owl Rooftop Sprinkler distribute?

Each Sprinkler can distribute approximately five (5) gallons of water per minute under normal conditions, which results in up to 300 gallons of water per hour per sprinkler.

This product is not a fire sprinkler. This sprinkler system will distribute water over your property if it is installed correctly and if water of adequate pressure flows to the sprinklers. Always evacuate a building immediately in the event of a fire. Never remain inside a building during a fire; evacuate based on instructions from government authorities. The manufacturer is not responsible for ensuring adequate water flow to the sprinklers in any event, including but not limited to a turned-off water supply or lack of water pressure. Sprinklers will not protect buildings or occupants from fire. Purchasers install and operate sprinklers at their own risk and agree to release and indemnify the manufacturers and suppliers of the sprinklers, including their directors, officers, agents, employees, and assigns, from and against all actual, direct, indirect, or alleged claims, damages, demands, losses, costs, liabilities, suits, actions, expenses, or proceedings—whether arising under statute or common law—related to any injury (including illness), death, or damage to or destruction of property, directly or indirectly caused by or in connection with the manufacture, supply, installation, operation, or performance of sprinklers.

Iron Owl ® Rooftop Sprinklers are manufactured by Maximum Media 37 LLC.

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

IRON OWL®
ROOFTOP SPRINKLER

BRASS SPRINKLER HEAD

SOLID METAL BODY

BUILT TO LAST

IRON OWL®

ROOFTOP SPRINKLER INSTALLATION INSTRUCTIONS

Please read this entire manual all the way to the end before installing the product.

1) Loosen the fasteners on each clamp until the legs can move freely. It is not necessary to loosen the fasteners completely.

2) Position two legs on each side of the roof, with the body of the sprinkler parallel to the center line of the roof. **SEE DIAGRAMS: A,C,F**

3) Adjust the angle of the legs so that the brass sprinkler is level and the legs are resting on the roof. **SEE DIAGRAMS: C,F**

4) Tighten the fasteners, ensuring the sprinkler head remains level. Do not over tighten the fasteners. **SEE DIAGRAMS: C,F**

5) Connect to the water supply with an appropriate hose and make sure the hose is not kinked. **SEE DIAGRAMS: B,D,E**

Check the position of the tab on the sprinkler head. If the tab is in the up position, the Sprinkler should slowly rotate clockwise only. If the tab is in the down position, the Sprinkler should rotate clockwise, reach an adjustable stop, then proceed to rotate counter clockwise until it hits the opposite stop. ***If the tab is in between positions, it will cause an error, making the sprinkler begin to rotate clockwise and then stop moving.***

7) Connect multiple sprinklers in series using additional hoses. **SEE DIAGRAMS: B,E**

8) Turn on the water for at least five minutes to measure water output and coverage adequacy.

9) If you are satisfied with the position of the sprinklers, apply permanent thread lock (sold separately) to all the clamp screws and where the leg fits into the clamp.

10) If temperatures reach 40°F (4°C) or lower, disconnect the hose and drain the water.

11) Test monthly to ensure the sprinklers are functioning and that water output meets your needs. Spray distance depends on several factors, including water pressure, hose length and type, and the number of sprinklers. Only by testing the system can water distribution be accurately measured.

DIAGRAM A
CLOSE UP OF SINGLE SPRINKLER INSTALLED ON ROOFTOP - TOP VIEW (BIRDS EYE)

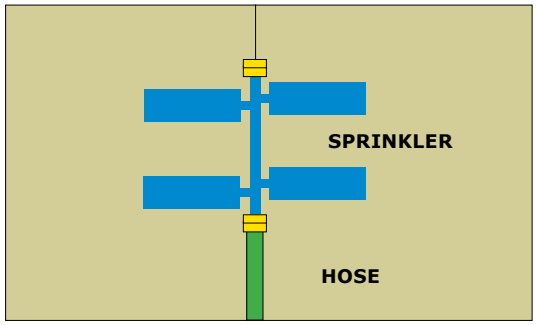

DIAGRAM B
TWO SPRINKLERS INSTALLED ON ROOFTOP USING TWO HOSES - TOP VIEW (BIRDS EYE)

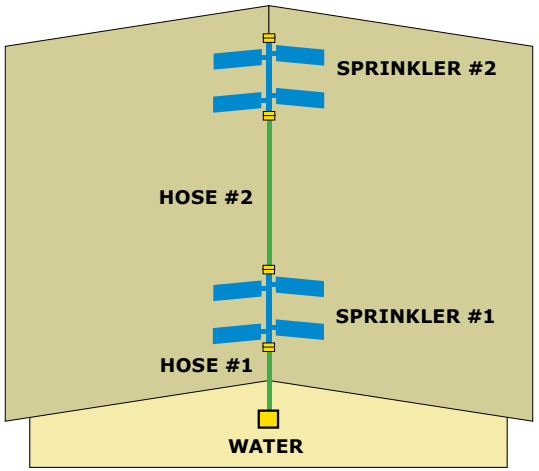

DIAGRAM C
CLOSE UP OF SPRINKLER INSTALLED ON ROOFTOP FRONT ELEVATION VIEW

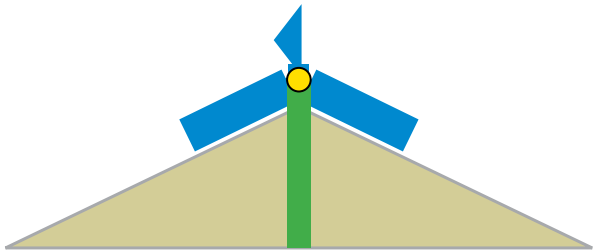

DIAGRAM D
SPRINKLER INSTALLED ON ROOFTOP FRONT ELEVATION VIEW

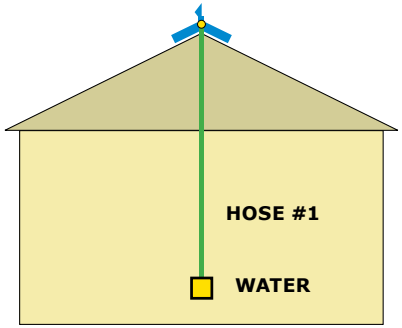

DIAGRAM E
TWO SPRINKLERS INSTALLED ON ROOFTOP USING TWO HOSES - SIDE ELEVATION VIEW

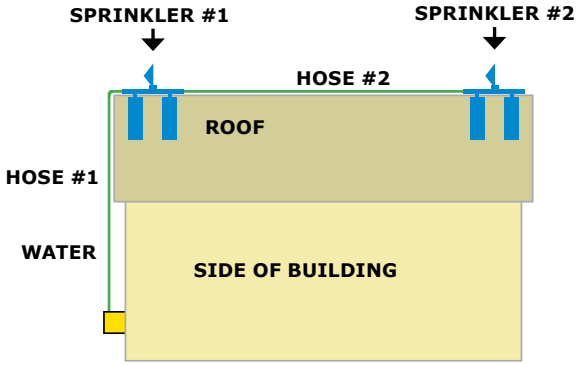

DIAGRAM F - SPRINKLER INSTALLED ON ROOFTOP SIDE ELEVATION VIEW