



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, which increases the relative humidity and reduces 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 to the local area 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 effect water flow. We suggest that you test to make sure that the water output for each Sprinkler meets your needs at your location in real world testing.

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 suggested. Using a hose with a smaller inside diameter may reduce water flow.

What is the range of each Sprinkler?

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

How much water can a single Rooftop Sprinkler distribute?

Each Sprinkler can distribute about five (5) gallons of water per minute under normal conditions. This 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: installed correctly and water of adequate pressure is flowing to the Sprinklers. **Always immediately evacuate a building in case of fire. Never stay inside of a building in case of fire. Always evacuate based on instructions from government authorities.** Manufacturer is not responsible for adequate water flow to Sprinkler in any event, such as but not limited to if the water supply is turned off or if there is a lack of water pressure. Sprinklers will not protect buildings or the occupants of buildings from a fire. The purchasers will install and operate Sprinklers at their own risk and release and indemnify the manufacturers and suppliers of Sprinklers and their directors, officers, servants, 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 any statute or at common law, arising out of or in connection with injury to (which shall include illness) or death of any person or damage to or destruction of any real or personal property caused directly or indirectly by or in connection with the manufacture, supply, installation, operation or performance of Sprinklers.

Iron Owl Rooftop Sprinklers are manufactured by Platinum Digital Media Corp.



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 all the way.
- 2) One leg on each side of the Sprinkler should go on each side of the roof and the body of the Sprinkler should be 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 and make sure that the Sprinkler head remains level. Do not over tighten fasteners. **SEE DIAGRAMS: C,F**
- 5) Connect to water supply with appropriate hose. **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 other stop. **If the tab is in between positions it will cause an error and the Sprinkler will begin to rotate clockwise and then stop moving.**

- 7) Connect multiple Sprinklers in series using multiple hoses. **SEE DIAGRAMS: B,E**
- 8) Turn on the water for at least five minutes to measure if water output and coverage is adequate. Test monthly.
- 9) If you are happy 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 degrees or lower, disconnect hose and drain water.
- 11) Test monthly to see if the Sprinklers are working and that water output meets your needs. Spray distance is dependent on multiple factors including: water pressure, length of hose, type of hose, and number of Sprinklers. Only by testing the system can water distribution be measured.

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

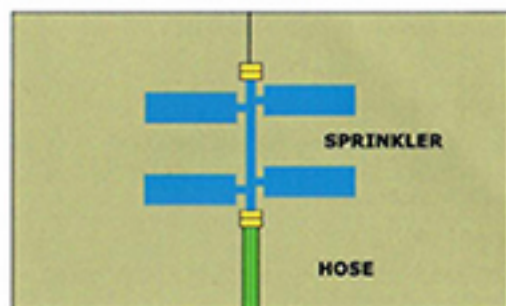


DIAGRAM B
TWO SPRINKLERS INSTALLED ON ROOFTOP USING TWO HOSES - TOP VIEW (BIRDS EYE)

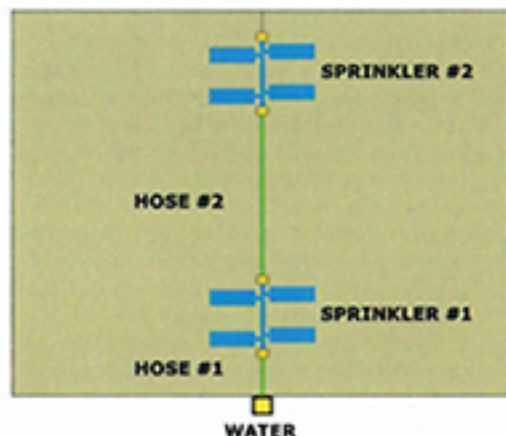


DIAGRAM C
CLOSE UP OF SPRINKLER INSTALLED ON ROOFTOP FRONT ELEVATION VIEW

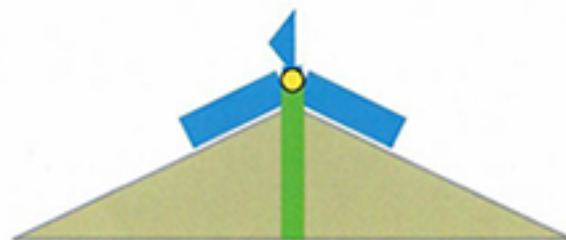


DIAGRAM D
SPRINKLER INSTALLED ON ROOFTOP FRONT ELEVATION VIEW

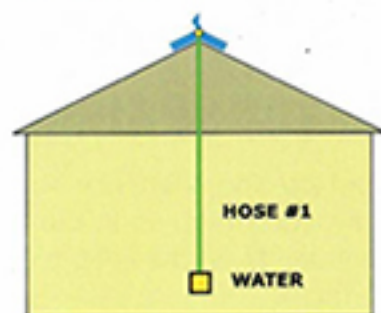


DIAGRAM E
TWO SPRINKLERS INSTALLED ON ROOFTOP USING TWO HOSES - SIDE ELEVATION VIEW

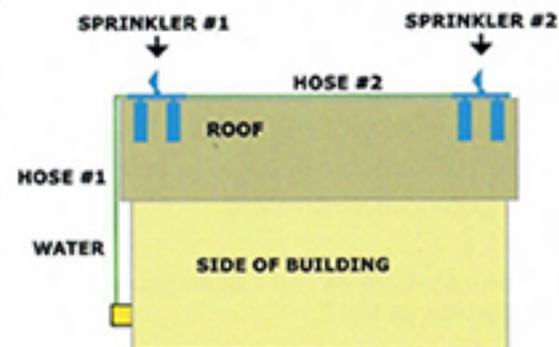


DIAGRAM F - SPRINKLER INSTALLED ON ROOFTOP SIDE ELEVATION VIEW

