

Hunter®

GREEN ROOF IRRIGATION SOLUTIONS

Irrigation System Components

RESIDENTIAL & COMMERCIAL IRRIGATION

Built on Innovation



THE VIEW FROM THE TOP IS LOOKING BETTER THAN EVER

Hunter is the leading manufacturer of irrigation products designed to promote sustainability. We believe green spaces are an integral part of a healthy urban environment. That's why we've created a full spectrum of products that have been tested and proven to deliver efficient irrigation for any size green roof, anywhere in the world.

Over the last several decades, green roofs have proven to be a key component of sustainability in urban environments. They keep buildings cool, increase biodiversity, reduce the Urban Heat Island Effect and improve local air quality.

In residential settings, a rooftop garden or landscaped terrace can also provide recreational areas that greatly benefit the value of buildings and complexes. Both residential and commercial green roofs are now installed

in the majority of urban areas around the world, and new projects are increasing every year.

Hunter Industries is one of the world's largest manufacturers of irrigation system components. With our products installed, any green roof, anywhere on the globe can thrive while using as little water as possible. Since they bear our name, you can be sure they are backed by the best support in the business.



THE BETTER THE IRRIGATION, *the Greener the Roof*

Selecting an irrigation system for a green roof depends on a number of variables including the purpose of the roof, the availability of water, the water pressure, growing media, vegetation, and location.

For many designers and installers, creating the most efficient system to fit a specific roof can be a daunting task. The good news is that Hunter products and people can make system selection a seamless process for any roof, anywhere in the world.

The biggest decision that must be made in the early stages of system design is whether to water overhead or subsurface. The best decision for a particular project depends on the evaluation of several variables. Regardless of which method is chosen, Hunter provides an array of solutions.

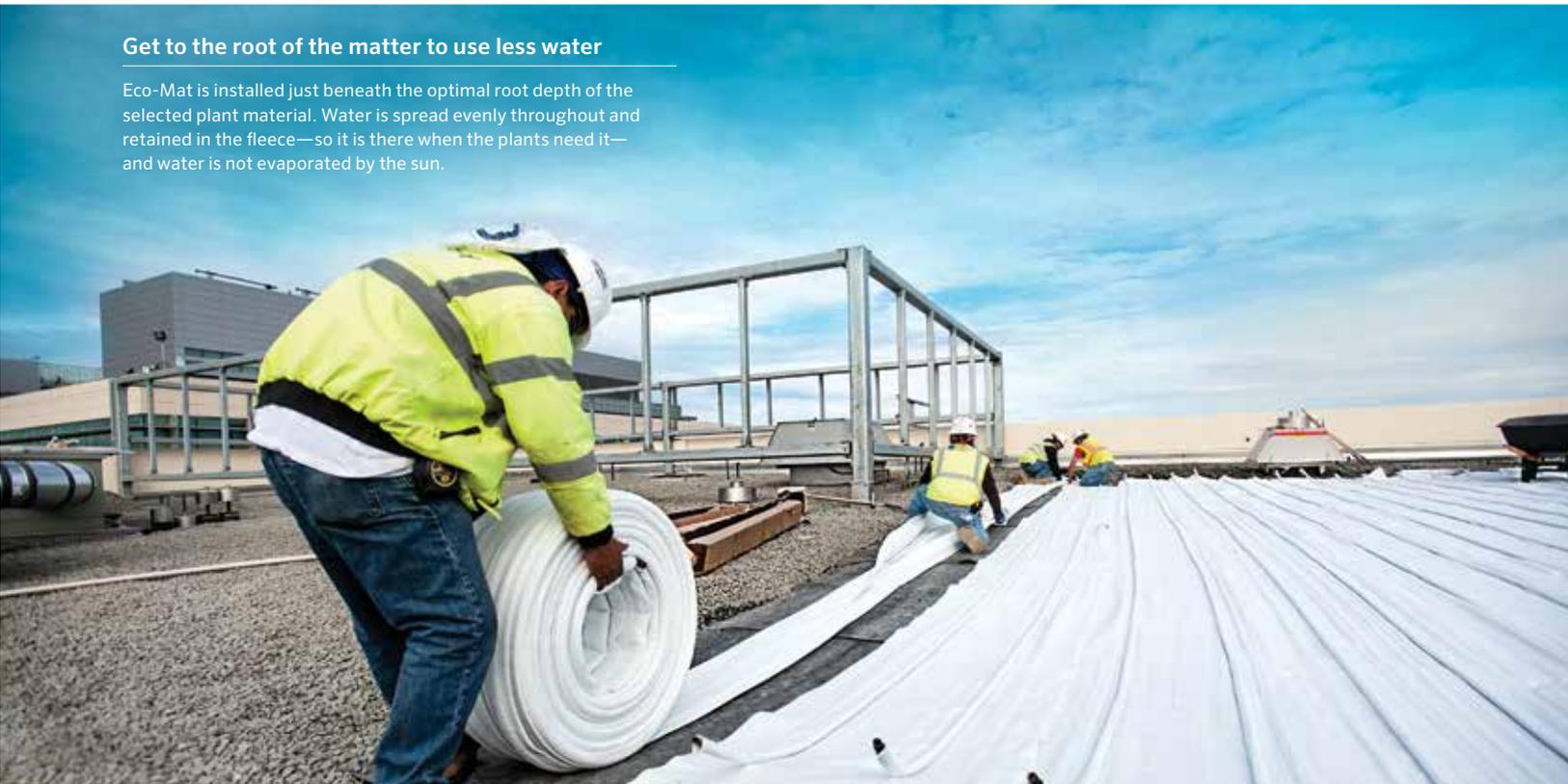
Subsurface

Irrigating from underneath a landscape's surface provides a number of water efficiency and usability benefits. Subsurface advantages include the elimination of water loss due to wind and evaporation, reduced run times, and better water distribution. If the variables of a given project point to subsurface irrigation being the appropriate solution, Hunter has the answer. Our most innovative subsurface solution yet is the Eco-Mat®. The Eco-Mat is a synthetic fleece mat with connected specialized drip lines. It is installed just beneath the optimal root depth of the selected plant material. Eco-Mat uses fleece to efficiently move water laterally to hold water for future use.

An absolute revolution in subsurface irrigation, Eco-Mat provides green roof designers with the most efficient roof irrigation solution ever developed. Beyond the Eco-Mat, we also offer fleece-wrapped drip line called PLD-ESD. Both fleece-based systems provide the best subsurface irrigation system on the market.

Get to the root of the matter to use less water

Eco-Mat is installed just beneath the optimal root depth of the selected plant material. Water is spread evenly throughout and retained in the fleece—so it is there when the plants need it—and water is not evaporated by the sun.



The MP Rotator® uses multi-stream, multi-trajectory rotor technology to fight the wind. It applies water evenly and slowly to maximize plant health and water efficiently.

Overhead

While subsurface irrigation does provide a number of proprietary benefits, it is not always the best choice for certain green roof designs. When utilizing traditional overhead irrigation components, there are two central challenges: cutting through wind, and providing even distribution.

To overcome these challenges, Hunter offers the MP Rotator multiple-stream sprinkler nozzle. Contrary to the standard spray sprinkler, the MP Rotator delivers water through multiple rotating streams whose large water droplets cut through the wind and land in the intended area.

MP Rotators also utilize an uncommonly slow application rate, which means that water gently sinks into the soil, rather than pooling on top of it. MP Rotators are available in an array of models to fit any roof's needs.

Products that Work with Nature to Conserve Resources

Our full spectrum of products have been designed to promote sustainability, and tested and proven to deliver efficient irrigation solutions.

A. Work with the Sun

The Hunter Solar Panel powers our revolutionary battery-operated XC Hybrid and Node—two robust irrigation control options.

B. Work with the Rain

Small yet rugged, the wireless Solar Sync weather sensor shuts off the irrigation system during rain and freeze conditions.

C. Work with the Wind

The MP Rotator is a unique irrigation nozzle that employs multiple streams to cut through wind and efficiently deliver water to the entire landscaped area.



A



B



C

Part of being a good corporate citizen involves doing business in a sustainable way. Because our business and products are dependent on water and electricity to create beneficial outdoor spaces, efficient resource use is fundamental to our success.

Greg Hunter
President of Hunter Industries

Where Innovation Meets Conservation

Hunter Industries is committed to research and development efforts centered on innovative solutions that save water. From a product development standpoint, Hunter has purposefully developed the infrastructure and acquired the technology to design and build any product we envision. This enhanced capability is evident in the highly innovative irrigation and lighting products we continue to bring to the market.

Beyond products, our infrastructure as a corporation is built to minimize resource use as well. From our LEED certified factories and facilities, to our extensive material waste reduction efforts, every aspect of our business was developed to use as little resources as possible.

Moving forward our promise to our customers and community remains the same: In our every endeavor, Hunter Industries will strive to employ business practices that use natural resources as efficiently as possible.



Leading the industry in corporate social responsibility

Hunter Industries is committed to producing innovative solutions that save water and energy, and our efforts for conservation extend far beyond our product lines. The practice of minimizing resource use is alive in every aspect of our business, including our facilities and manufacturing processes.



Helping our customers succeed is what drives us. While our passion for innovation and engineering is built into everything we do, it is our commitment to exceptional support that we hope will keep you in the Hunter family of customers for years to come.

A handwritten signature in white ink, appearing to read "G. R. Hunter", with a long horizontal flourish extending to the right.

Gregory R. Hunter, President of Hunter Industries

Website hunterindustries.com | **Customer Support** 760-744-5240 | **Technical Service** 760-591-7383

This brochure was printed on Forest Stewardship Council® (FSC) certified paper with soy inks. The FSC is an international organization established to promote the responsible management of the world's forests.

© 2012 Hunter Industries Incorporated  Please recycle.

LIT-534 1/13