

# MICRO IRRIGATION

Product Overview

**Hunter®**



# *Hunter's Full Line of* **MICRO IRRIGATION PRODUCTS**

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Hunter now has a complete system of commercial-grade micro irrigation products for any application. Whether you're designing projects for dense or sparse plantings, narrow beds, small spaces, or even green roofs, now you can get everything you need from Hunter.

From micro sprays to our root zone watering system, Hunter's micro irrigation solutions are designed to apply water efficiently and precisely where it's needed.



**SURFACE**

**SUBSURFACE**

### APPLICATION CHART

Choose the combination of products best suited for your application and plant type using this chart.

	LOW WATER	SPARSE PLANTING	GROUND COVER	TURF	DENSE PLANTINGS	SHRUBS	TREES	
								0" 12" 24"
<b>Good</b>	-	Micro-Spray	HDL	HDL	HDL	HDL	PSE	
<b>Better</b>	Micro-Spray	PSE	Eco-Wrap	Eco-Wrap	Eco-Wrap	Eco-Wrap	IH Riser	
<b>Best</b>	PSE	IH Riser	Micro-Spray	Eco-Mat	Eco-Mat	Eco-Mat	RZWS	

**Notes:** Improve any plan with Hunter's Rigid Risers, PE Tubing, Multi-Port Emitters, PLD-LOC Fittings and other accessories.

# ECO-MAT<sup>®</sup>

A BOLD INNOVATION IN SUBSURFACE IRRIGATION



Eco-Mat is a cutting-edge subsurface irrigation product. It is made with a high quality, fleece-covered Hunter Dripline (HDL) and attached to a capillary mat. This special fleeced mat moves the water through any type of soil — even inconsistent soils — and promotes longer root growth and healthier plants.

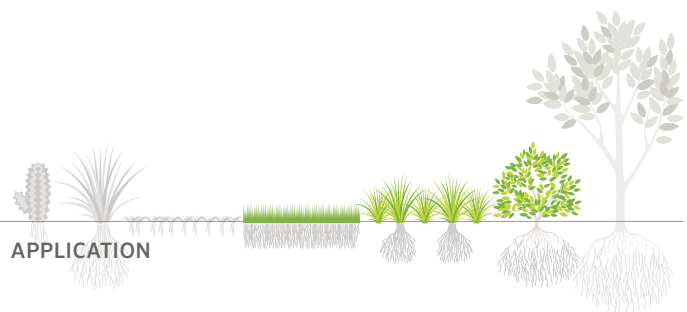
- Water-saving with nearly 100% distribution uniformity
- Promotes healthier plant roots
- Eliminates overspray onto sidewalks, buildings, or vehicles
- Perfect for irrigating difficult areas
- Use with PLD-Loc or barbed PLD fittings

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.6 GPH
<b>Working Pressure</b>	15 to 50 PSI
<b>Minimum Filtration</b>	120 mesh
<b>Warranty</b>	5 years



ECO-MAT  
100', and 295' lengths



APPLICATION



# ECO-WRAP®

A STEP UP FROM STANDARD DRIPLINE FOR SUBSURFACE APPLICATIONS



Hunter Dripline, like other driplines, works very well at grade. However, when irrigating subsurface, higher distribution uniformity through fleece-wrapping is a better solution. The Eco-Wrap uses the capillary action of the fleece wrap to spread the water quickly and more efficiently through the soil. If the goal is to save water and save money, then Eco-Wrap should be considered for subsurface applications in place of bare dripline.

- High distribution uniformity surpassed only by the Eco-Mat
- Promotes healthier plant roots
- Eliminates overspray onto sidewalks, buildings, or vehicles
- Ideal for difficult areas between flagstone and pavers
- Use with PLD-Loc or barbed PLD fittings



ECO-WRAP  
250' length

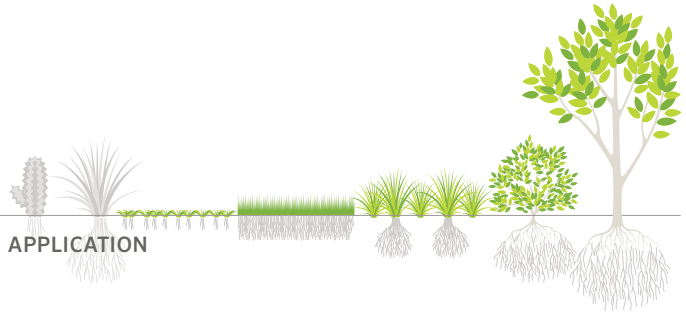
## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.6 GPH
<b>Working Pressure</b>	15 to 50 PSI
<b>Minimum Filtration</b>	120 mesh
<b>Warranty</b>	5 years



### ECO-INDICATOR

The Eco-Indicator provides a visual signal that the system is pressurized and running. Whether you are using subsurface drip products or installations at grade, the Eco-Indicator lets you know that the system is activated.



APPLICATION

# HUNTER DRIPLINE

BUILT FOR RELIABILITY AND EFFICIENCY



Hunter Dripline (HDL) is Hunter’s solution for dense plantings and gardens all around the world. With built-in check valve emitters, HDL delivers water slowly and evenly for consistent distribution. It is primarily used at grade, but can also be used subsurface when required.

- Three pressure-compensating options: HDL-PC (standard), HDL-CV (includes check valve), HDL-R (reclaimed applications)
- Pressure-compensating emitters
- Color-coded stripes to identify flow
- Emitter spacing at 12", 18", 24"
- Tubing diameter: 0.660" (OD) x 0.560" (ID). Wall thickness 0.050"
- Strong UV resistance
- Stretch-wrapped 100', 250', and 500' coils make handling easy and efficient

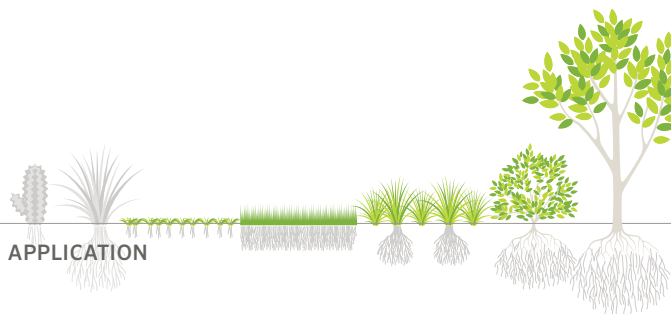


**HDL**  
100', 250', 500', and 1,000' lengths

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.4, 0.6, or 0.9 GPH
<b>Working Pressure</b>	10 to 60 PSI
<b>Minimum Filtration</b>	120 mesh
<b>Warranty</b>	5 years (plus 2 additional years for environmental stress cracking)

- Available without emitters (blank)
- Emitter inlet filtration and extra-wide flow labyrinth to prevent clogging
- Full-size outlet pool and raised wall inhibit debris and roots from entering the emitter
- Check valves keep the line charged up to 6' and prevent low-point drainage (HDL-CV only)
- Warranty period: 5 years (2 additional years for environmental stress cracking)



**SUBSURFACE**



# PLD-LOC

*PREMIUM THREADED FITTINGS*

Hunter PLD-Loc fittings are robust, easy to use, and fit multiple sizes of tubing and dripline.

- Dual barb system provides stronger hold than traditional fittings
- Ideal for use with Eco-Mat, Eco-Wrap, HDL
- Fits multiple sizes of dripline and tubing (Inside diameter range from 0.520" to 0.620")
- Brown color to match Hunter Dripline (HDL)
- No clamps necessary



**PLD-LOC TEE**  
Loc Tee



**PLD-LOC CPL**  
Loc Coupler



**PLD-LOC ELB**  
Loc Elbow



**PLD-LOC 050**  
½" MPT x Loc



**PLD-LOC 075**  
¾" MPT x Loc



**PLD-LOC CAP**  
End Cap x Loc



**PLD-LOC FHS**  
¾" Female Hose Swivel x Loc



# 17 MM BARB

*RELIABLE BARBED FITTINGS*

Hunter barbed fittings are simple to use and work well with HDL, Eco-Wrap, and Eco-Mat.

- Double barb provides the strongest connection
- Durable acetal plastic
- Fit standard 17 mm dripline
- Brown color matches dripline



**PLD-TEE**  
17 mm Barb Tee



**PLD-CPL**  
17 mm Barb Coupling



**PLD-ELB**  
17 mm Barb Elbow



**PLD-050**  
½" MPT x 17 mm Barb



**PLD-075**  
¾" MPT x 17 mm Barb



**PLD-CAP**  
17 mm Barb x ½" MPT with Cap



**PLD-BV**  
17 mm Barb Shut-off Valve



**PLD-075-TBTEE**  
17 mm Barb Tee x ¾" FPT

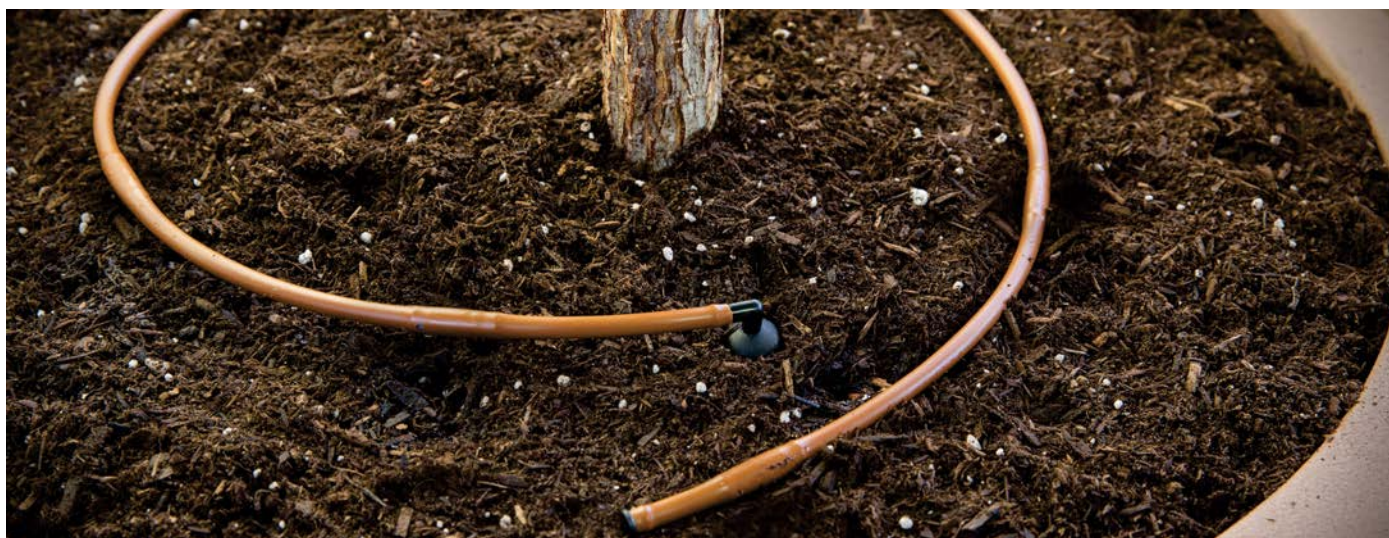


**PLD-AVR**  
½" Air/Vacuum Relief Valve



# MINI LANDSCAPE DRIPLINE

FLEXIBLE DRIPLINE FOR SMALL SPACES



The Mini Landscape Dripline (MLD) is a ¼" dripline used for shorter runs, raised planters and pots, and for small landscaping beds. When ½" dripline is too large for an area, consider using this ¼" version which has even better flexibility. Non-pressure compensating emitters are spaced at either 6" or 12" intervals inside a black or brown tube.

- Perfect for short runs and planters
- 100' and 250' rolls
- 6" or 12" emitter spacing
- 250' rolls uncoil from the inside of the roll for easy, no-hassle dispensing
- Offered in both brown or black
- Use with standard 6 mm barb fittings

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.65 GPH at 25 PSI, 0.80 GPH at 40 PSI
<b>Working Pressure</b>	10 to 40 PSI
<b>Minimum Filtration</b>	150 mesh
<b>Warranty</b>	2 years



**QB-TEE**  
¼" Barb Tee



**QB-CPL**  
¼" Barb Coupling



**QB-ELB**  
¼" Barb Elbow



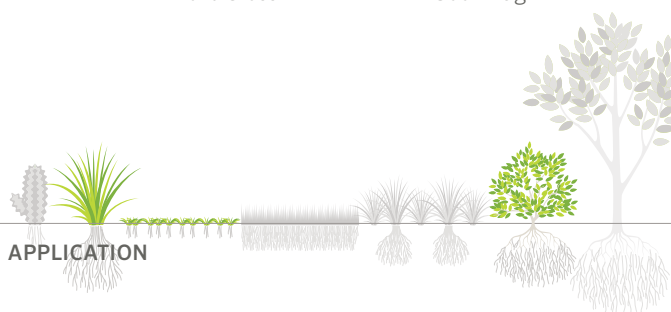
**QB-CRS**  
¼" Barb Cross



**GP-025**  
Goof Plug



**MLD**  
100', and 250' lengths







# IH RISERS

FLEXIBLE, HEAVY-DUTY, COMMERCIAL-GRADE



IH Risers are a heavy-duty, commercial-grade answer to point source irrigation. Made of highly flexible PVC, IH Risers can be used below grade or at grade. Their brown color blends well into the surrounding landscape. Various configurations provide flexibility to fit your irrigation needs.

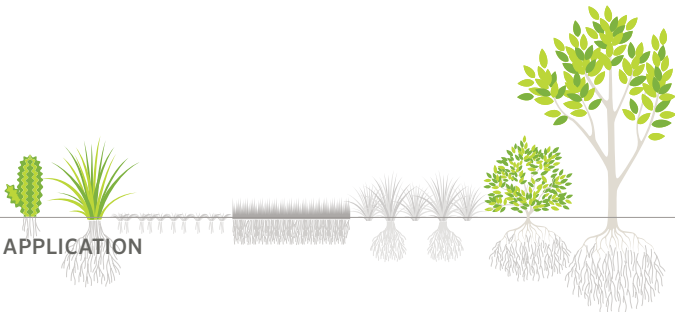
- Heavy-duty, commercial-grade, vandal-resistant design
- Accepts any 1/2" FPT emitter
- Available in pre-assembled sizes of 6", 12", 18", 24", and 36" cut lengths
- Pre-assembly reduces labor by up to 50%
- Available as components only for self-assembly
- Check valve holds back up to 12' of head
- Ideal for slopes

## PRODUCT SPECIFICATIONS

<b>Working Pressure</b>	60 PSI
<b>Minimum Filtration</b>	150 mesh
<b>Warranty</b>	2 years



**IH RISERS**  
12", 24", and 250' lengths  
● 0.5, ● 1.0, ● 2.0, ● 4.0, ● 6.0 GPH



# MICRO SPRAYS

CLOSE-IN OR BROADCAST COVERAGE



Micro Sprays offer flexibility in irrigation by providing a range of flows and diameters. Hunter offers three different varieties: Solo-Drip, Halo-Spray, and Trio-Spray. Each offers a unique method of irrigation whether the need is for small coverage, greater coverage, or within pots and containers.

- Use in pots, gardens beds, landscaped areas
- Adjustable distance and flow
- Use 10-32 threaded spray on top of Rigid Risers for good overhead coverage
- All products are available on ¼" barb, 10-32 thread, or 6" stake

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0 to 28 GPH
<b>Working Pressure</b>	15 to 30 PSI
<b>Minimum Filtration</b>	100 mesh
<b>Warranty</b>	1 year



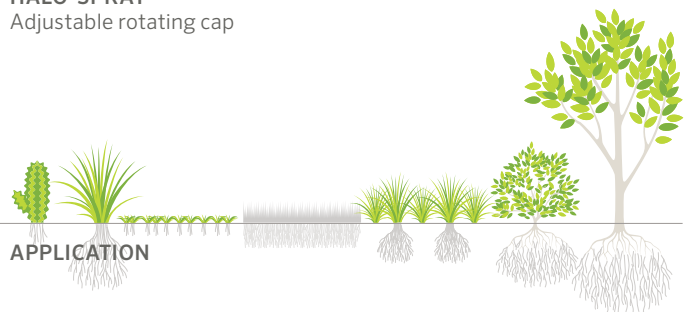
**SOLO-DRIP**  
8 precise streams



**TRIO-SPRAY**  
Built in control valve, 90°, 180°, and 360°



**HALO-SPRAY**  
Adjustable rotating cap



# POINT SOURCE EMITTERS

THE RIGHT AMOUNT OF WATER APPLIED DIRECTLY TO THE PLANT



Hunter pressure compensating emitters provide accurate irrigation directly to the root zone of the plant. They are available in three convenient styles: ¼" barb, 10-32 thread, and ½" female pipe thread (FPT). All models have flows of 0.5, 1.0, 2.0, 4.0, and 6.0 GPH.

- Pressure compensating
- Color-coded by flow
- Three inlet variations: ¼" barb, 10-32 thread, ½" FPT
- Coined edges for easy grip
- Self-piercing barb
- Optional diffuser cap
- Self-flushing diaphragm



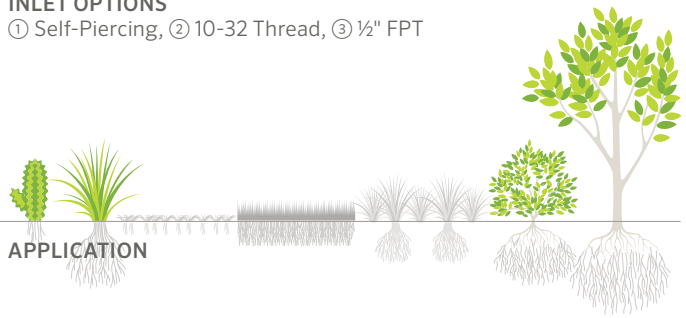
**POINT SOURCE EMITTERS**  
 ● 0.5, ● 1.0, ● 2.0, ● 4.0, ● 6.0 GPH

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.5, 1.0, 2.0, 4.0, 6.0 GPH
<b>Working Pressure</b>	20 to 50 PSI
<b>Minimum Filtration</b>	150 mesh
<b>Warranty</b>	2 years



**INLET OPTIONS**  
 ① Self-Piercing, ② 10-32 Thread, ③ ½" FPT



# MULTI-PORT EMITTERS

MULTIPLE POINTS FOR GROUP PLANTINGS



Hunter pressure compensating Multi-Port Emitters (MPEs) have 6 ports per emitter and are designed for irrigating groups of plants from one source. Hunter MPE's have the same color coding as the single-port emitters in flows of 0.5, 1.0, 2.0, and 4.0 GPH. A gray Multi-Port manifold is also available, providing 6 ports of unhindered flow. Vinyl plugs are provided to cover any unused ports. The inlet port is ½" FPT and the emitters may be used with any commercial drip system.

- Unused ports may be closed using vinyl emitter caps
- Pressure-compensating
- Perfect for mixed plantings or series of shrubs
- Flows are color-coded to match other Hunter emitters
- ½" FPT
- Commercial-grade for all PVC systems

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.5, 1.0, 2.0, 4.0 GPH
<b>Working Pressure</b>	5 to 65 PSI
<b>Minimum Filtration</b>	150 mesh
<b>Warranty</b>	2 years

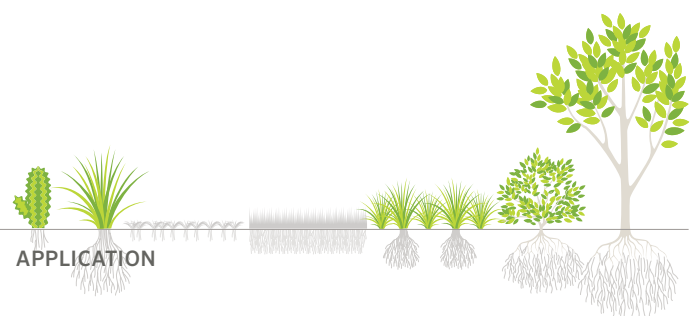


VINYL PLUGS



MULTI-PORT

● 0.5, ● 1.0, ● 2.0, ● 4.0 GPH





# RIGID RISERS

INCREASED HEIGHT FOR BETTER COVERAGE



Made from high density polyethylene, Hunter Rigid Risers connect directly to PVC or standard polyethylene tubing depending on the configuration. Rigid Risers allow you to increase the height of your emitter or spray to cover areas such as annual flower beds.

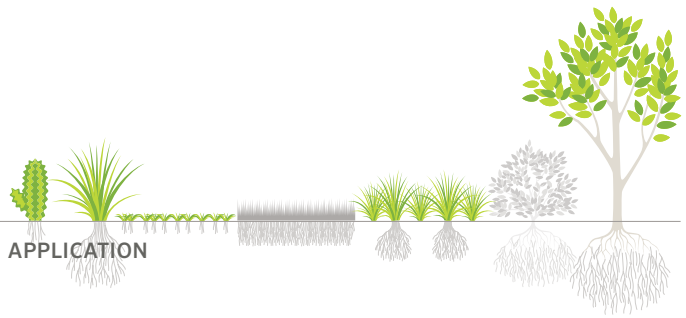
- For rugged system designs
- Accepts 10-32 threaded components
- Perfect for annual flower beds and planters
- Inlet configurations: 1/2" FPT, 1/4" barb, or blank
- HDPE construction

## PRODUCT SPECIFICATIONS

<b>Working Pressure</b>	Up to 50 PSI
<b>Warranty</b>	1 year



RIGID RISER  
12" and 18" lengths





# SUPPLY AND DISTRIBUTION TUBING

POLYETHYLENE PROFESSIONAL TUBING



Hunter now offers a thick-walled UV-resistant ½" polyethylene supply tubing and ¼" distribution line in both vinyl and polyethylene. These durable products perform well in all climates and provide greater flexibility than standard PVC.

## ½" Supply tubing

- 0.700" outside diameter x 0.600" inside diameter
- Connect using PLD-LOC fittings
- Made with linear low density UV-resistant polyethylene
- Thicker wall, commercial grade

## ¼" Distribution Tubing

- 0.250" outside diameter x 0.170" inside diameter
- Connect using standard ¼" fittings
- Offered in vinyl or polyethylene
- UV Resistant materials
- Polyethylene is better choice in warm climates
- Vinyl is more flexible and useful in cold climates

## PRODUCT SPECIFICATIONS

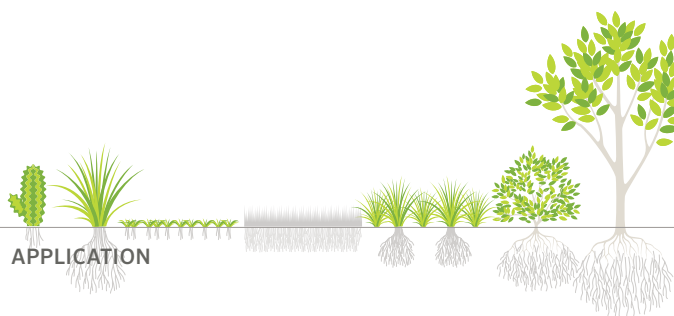
Working Pressure	60 PSI
Warranty	1 year



¼" (VINYL OR PE) TUBING  
100', 250', and 1,000' lengths



½" (PE) TUBING  
100', 250', 500' and 1,000' lengths





# ROOT ZONE WATERING SYSTEM

APPLIES WATER DIRECTLY TO THE ROOT ZONE FOR HEALTHIER TREES AND SHRUBS



For young plants and trees to thrive, it is critical they receive adequate irrigation and a steady exchange of oxygen to all levels of the root zone. This encourages deep root growth, allowing the plant to fully establish itself. Developed to meet this challenge, the RZWS features Hunter’s patented StrataRoot design, a series of baffles that delivers water to multiple levels of the root zone.

- Built-in Hunter Swing Joint for direct installation to ½" PVC fitting
- Hunter pressure-compensating bubbler for precise watering
- Pre-assembled watering system for fast installation
- Patented StrataRoot™ baffles divert water to root zone while adding strength to the unit
- Vandal-proof locking cap
- Optional check valve to prevent low head drainage

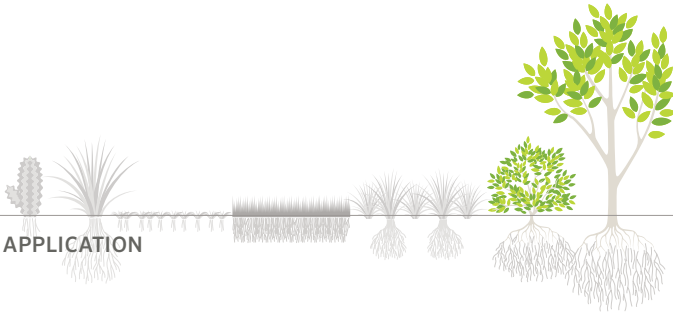


## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.25 or 0.50 GPM
<b>Working Pressure</b>	15 to 70 PSI
<b>Warranty</b>	2 years



**RZB**  
The RZB is an accessory for small trees and shrubs that assists irrigation systems in delivering water to the roots.



# DRIP CONTROL ZONE KITS

PCZ: DURABLE & CONVENIENT KITS DESIGNED FOR RESIDENTIAL & LIGHT COMMERCIAL USE



This pre-assembled kit brings together the popular PGV valve with the most durable and robust pressure-regulating filter on the market. This kit comes standard with a stainless steel screen and either a 25 or 40 PSI regulator. With a shorter length than typical control zone components, there is more available space in the valve box.

- Factory assembled
- Highest quality components
- Saves on installation time
- 150 mesh; 100 microns stainless steel screen
- 1" inlet and ¾" outlet

## PRODUCT SPECIFICATIONS

Flow	0.5 to 15 GPM
Working Pressure	20 to 120 PSI
Warranty	2 years



PCZ



APPLICATION





# DRIP CONTROL ZONE KITS

ACZ: DURABLE & CONVENIENT KITS DESIGNED FOR RESIDENTIAL USE



Featuring the anti-siphon version of the PGV valve, the ACZ kits come pre-assembled along with the most robust filter-regulator on the market. This kit comes standard with a stainless steel screen and either a 25 or 40 PSI regulator. ACZ kits are UV protected to handle above ground installations.

- Convenient kit with all necessary parts
- Highest quality components
- Saves on installation time
- 150 mesh; 100 microns stainless steel screen
- Two models available:
  - ¾" inlet x ¾" outlet
  - 1" inlet x ¾" outlet

## PRODUCT SPECIFICATIONS

<b>Flow</b>	0.5 to 15 GPM
<b>Working Pressure</b>	20 to 120 PSI
<b>Warranty</b>	2 years



# DRIP CONTROL ZONE KITS

ICZ-101: DURABLE AND CONVENIENT KITS DESIGNED FOR COMMERCIAL USE



These top-of-the-line control zone kits are designed for rugged commercial use and feature the Hunter ICV valve. It comes standard with Filter Sentry and a longer stainless steel filter screen. For smaller commercial projects, we also offer a low flow kit which has a regulating-filter body featuring a stainless steel screen, but without the Filter Sentry in the valve. Both kits are available with either 25 or 40 PSI regulation.

- Highest quality components
- Factory assembled to save installation time
- Filter Sentry™ diaphragm screen cleaning system (except on "LF" model)
- Wide flow range to cover most micro irrigation applications
- 150 mesh; 100 microns stainless steel screen

## ICZ-101 PRODUCT SPECIFICATIONS

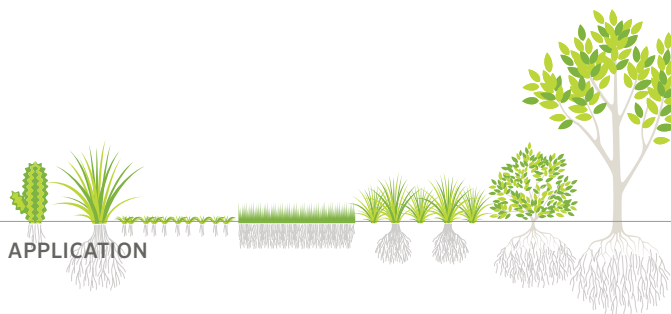
Flow	2 to 20 GPM
Working Pressure	20 to 120 PSI
Sizing	1" inlet x 1" outlet
Warranty	5 years

## ICZ-101-LF PRODUCT SPECIFICATIONS

Flow	0.5 to 15 GPM
Working Pressure	20 to 120 PSI
Sizing	1" inlet x ¾" outlet
Warranty	5 years



ICZ-101-LF





# DRIP CONTROL ZONE KITS

ICZ-151: DURABLE AND CONVENIENT KITS DESIGNED FOR COMMERCIAL USE



The ICZ-151 is our largest kit featuring the market's best components. Featuring Filter Sentry, 120 mesh heavy duty stainless steel filter with manual flush connection, and two Senninger medium flow regulators. This kit fits in a jumbo-size valve box.

- Highest quality components
- Factory assembled to save installation time
- Filter Sentry™ diaphragm screen cleaning system
- Wide flow range to cover most micro irrigation applications
- 120 mesh; 125 microns stainless steel screen
- 1½" inlet and dual 1" outlets

### ICZ-151 PRODUCT SPECIFICATIONS

<b>Flow</b>	20 to 60 GPM
<b>Working Pressure</b>	20 to 120 PSI
<b>Sizing</b>	1½" inlet and 1" outlets
<b>Warranty</b>	5 years



ICZ-151





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.

Gregory R. Hunter, CEO of Hunter Industries

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