

Hunter®

MICRO IRRIGATION

Product Overview

RESIDENTIAL & COMMERCIAL IRRIGATION
Built on Innovation®



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







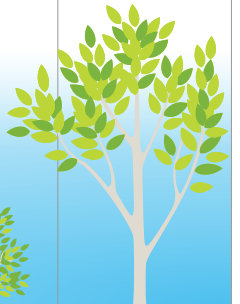
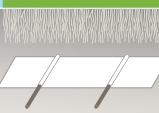


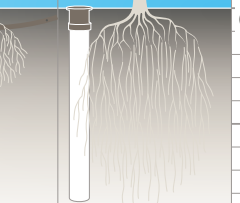



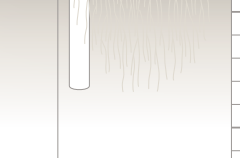

Hunter now has a complete system of commercial-grade micro irrigation products for any application. Whether you're designing projects for dense or sparse plantings, narrow beds, small spaces, or even green roofs, now you can get everything you need from Hunter.

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.



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
							
							
							
							
Good	-	Micro-Spray	PLD	PLD	PLD	PLD	PSE
Better	Micro-Spray	PSE	Eco-Wrap	Eco-Wrap	Eco-Wrap	Eco-Wrap	IH Riser
Best	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

A BOLD INNOVATION IN SUBSURFACE IRRIGATION



Eco-Mat is a cutting-edge subsurface irrigation product. It is made with a high quality, fleece-covered Professional Landscape Dripline 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.

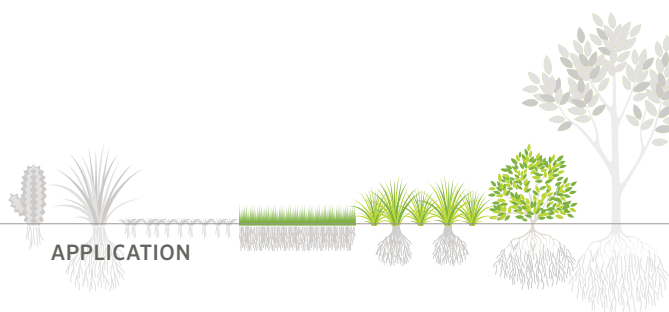
- Water-saving with nearly 100% distribution uniformity
- Promotes healthier plant roots
- Eliminates overspray onto sidewalks, buildings, or vehicles
- Perfect for irrigating difficult areas
- Use with PLD-Loc or barbed PLD fittings

PRODUCT SPECIFICATIONS

Flow	2.2 l/hr; 0.13 m ³ /hr	2.2 l/hr; 0.13 m ³ /hr
Working Pressure	1.0 to 3.5 bar; 100 to 350 kPa	1.0 to 3.5 bar; 100 to 350 kPa
Minimum Filtration	120 mesh; 125 micron	120 mesh; 125 micron
Warranty	5 years	5 years



ECO-MAT
90 m, and 100 m lengths



APPLICATION



ECO-WRAP

A STEP UP FROM STANDARD DRIPLINE FOR SUBSURFACE APPLICATIONS



Professional Landscape 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
76 m, and 100 m lengths

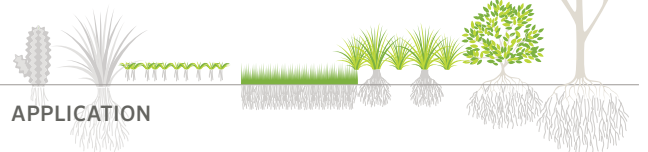
PRODUCT SPECIFICATIONS

Flow	2.2 l/hr; 0.13 m ³ /hr	2.2 l/hr; 0.13 m ³ /hr
Working Pressure	1.0 to 3.5 bar; 100 to 350 kPa	1.0 to 3.5 bar; 100 to 350 kPa
Minimum Filtration	120 mesh; 125 micron	120 mesh; 125 micron
Warranty	5 years	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



PROFESSIONAL LANDSCAPE DRIPLINE

BUILT FOR RELIABILITY AND EFFICIENCY



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

- Check valves keep the line charged up to 1.5 m and prevent low point drainage
- Pressure compensating emitters
- Flow rates of 1.4, 2.2, or 3.8 l/hr
- Emitter spacing at 30 cm, 50 cm
- Anti-siphon prevents debris from entering emitters when used subsurface
- Available without emitters (blank)
- Use with PLD-LOC or barbed PLD fittings
- Strong UV resistance
- Warranty period: 5 years (2 additional years for environmental stress cracking)

PRODUCT SPECIFICATIONS

Flow	1.4, 2.2, or 3.8 l/hr
Working Pressure	1.0 to 3.5 bar; 100 to 350 kPa
Minimum Filtration	120 mesh; 125 micron
Warranty	5 years (plus 2 additional years for environmental stress cracking)



PLD
100 m, 200 m, and 400 m lengths





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™, PLD
- Fits multiple sizes of dripline and tubing (Inside diameter range from 13.3 mm to 15.8 mm)
- Brown color to match PLD dripline
- 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 PLD fittings are simple to use and work well with PLD, 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

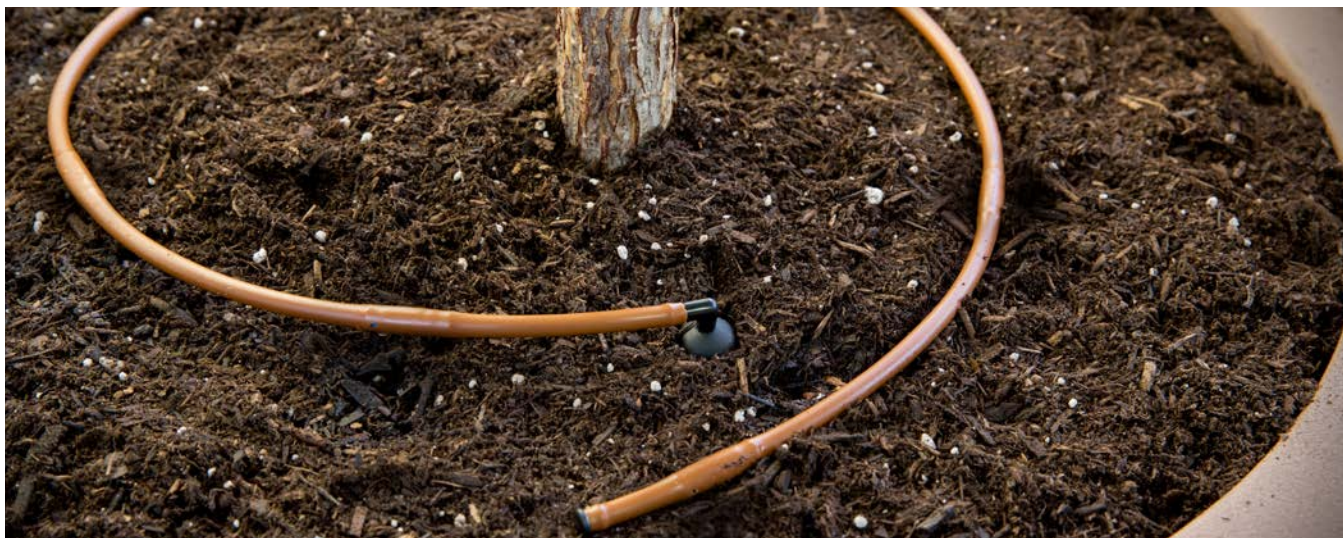


PLD-AVR
½" Air/Vacuum Relief Valve



MINI LANDSCAPE DRIPLINE

FLEXIBLE DRIPLINE FOR SMALL SPACES



The Mini Landscape Dripline (MLD) is a 6 mm dripline used for shorter runs, raised planters and pots, and for small landscaping beds. When 16 mm dripline is too large for an area, consider using this 6 mm version which has even better flexibility. Non-pressure compensating emitters are spaced at either 15 or 30 cm intervals inside a black or brown tube.

- Perfect for short runs and planters
- 30 m and 76 m lengths
- 15 or 30 cm emitter spacing
- 76 m 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

Flow	2.4 l/hr at 1.7 bar, 3.0 l/hr at 2.8 bar
Working Pressure	0.7 to 2.8 bar; 70 to 280 kPa
Minimum Filtration	150 mesh; 100 micron
Warranty	2 years



QB-TEE
6 mm Barb Tee



QB-CPL
6 mm Barb Coupling



QB-ELB
6 mm Barb Elbow



QB-CRS
6 mm Barb Cross



GP-025
Goof Plug



MLD
30 m, and 76 m lengths



APPLICATION



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 30 cm lengths pre-assembled with 1/2" MPT adapter and specified emitter with check valve
- Available in both 30 cm and 61 cm cut lengths pre-assembled with two 1/2" MPT adapters
- Pre-assembly reduces labor by up to 50%
- Available as components only for self-assembly
- Check valve holds back up to 2.7 m of head
- Ideal for slopes

PRODUCT SPECIFICATIONS

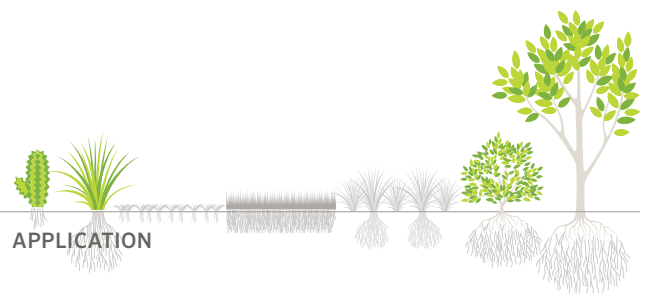
Working Pressure	Up to 4.1 bar; 410 kPa
Minimum Filtration	150 mesh; 100 micron
Warranty	2 years



IH RISERS

20 cm, 61 cm, and 76 m lengths

● 2.0, ● 4.0, ● 8.0, ● 15.0, ● 23.0 l/hr



APPLICATION

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, garden 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 6 mm barb, 10-32 thread, or 15.2 cm stake

PRODUCT SPECIFICATIONS

Flow	0 to 119 l/hr
Working Pressure	0.5 to 2.5 bar; 50 to 250 kPa
Minimum Filtration	100 mesh; 125 micron
Warranty	1 year



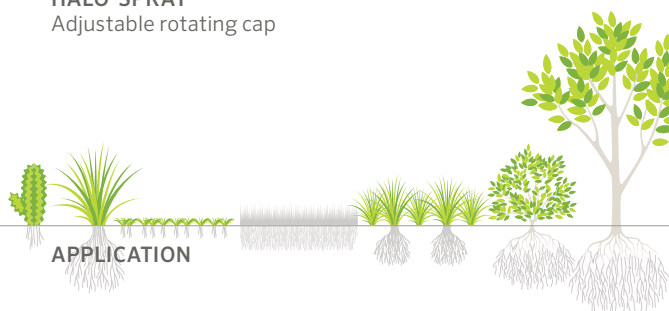
SOLO-DRIP
8 precise streams



HALO-SPRAY
Adjustable rotating cap



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





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: 6 mm barb, 10-32 thread, and ½" female pipe thread (FPT). All models have flows of 2.0, 4.0, 8.0, 15.0, and 23.0 l/hr.

- Pressure compensating
- Color-coded by flow
- Three inlet variations: 6 mm barb, 10-32 thread, ½" FPT
- Coined edges for easy grip
- Self-piercing barb
- Optional diffuser cap
- Self-flushing diaphragm



POINT SOURCE EMITTERS

● 2.0, ● 4.0, ● 8.0, ● 15.0, ● 23.0 l/hr

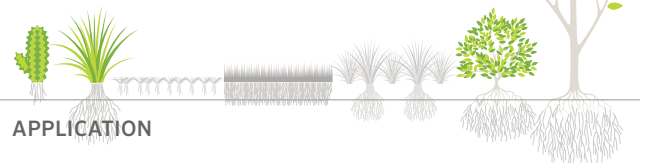
PRODUCT SPECIFICATIONS

Flow	2.0, 4.0, 8.0, 15.0, 23.0 l/hr
Working Pressure	1.4 to 3.5 bar; 140 to 350 kPa
Minimum Filtration	150 mesh; 100 micron
Warranty	2 years



INLET OPTIONS

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



APPLICATION

MULTI-PORT EMITTERS

MULTIPLE POINTS FOR GROUP PLANTINGS



Hunter pressure compensating Multi-Port Emitters (MPE's) 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 2.0, 4.0, 8.0, and 15.0 l/hr. 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

Flow	2.0, 4.0, 8.0, 15.0 l/hr
Working Pressure	0.4 to 4.5 bar; 40 to 450 kPa
Minimum Filtration	150 mesh; 100 micron
Warranty	2 years



VINYL PLUGS



MULTI-PORT

● 2.0, ● 4.0, ● 8.0, ● 15.0 l/hr





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.

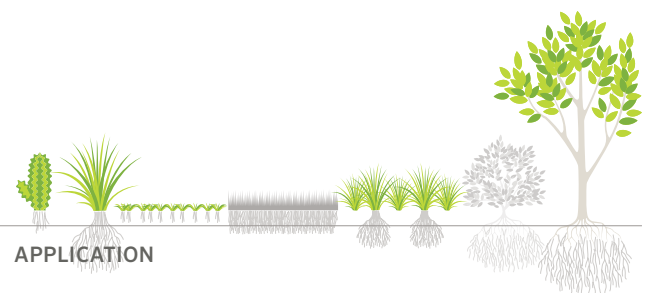
- For rugged system designs
- Accepts 10-32 threaded components
- Perfect for annual flower beds and planters
- Inlet configurations: 1/2" FPT, 6 mm barb, or blank
- HDPE construction

PRODUCT SPECIFICATIONS

Working Pressure	Up to 3.4 bar; 340 kPa
Warranty	1 year



RIGID RISER
30 cm and 45 cm lengths



APPLICATION



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.

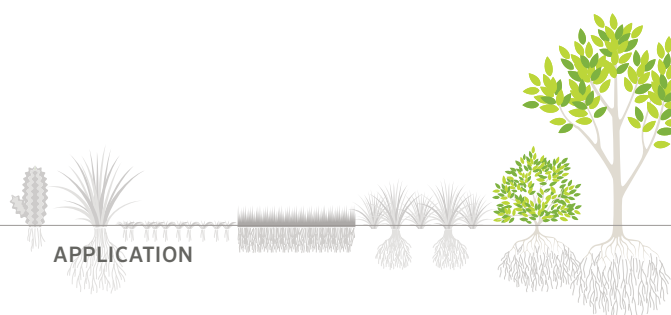
- Built-in Hunter Swing Joint for direct installation to ½" PVC fitting
- Hunter pressure-compensating bubbler for precise watering
- Pre-assembled watering system for fast installation
- Patented StrataRoot™ baffles divert water to root zone while adding strength to the unit
- Locking cap

PRODUCT SPECIFICATIONS

Flow	0.9 or 1.9 l/min
Working Pressure	1.0 to 4.8 bar
Warranty	2 years



RZWS



APPLICATION



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 1.7 or 2.8 bar 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" (25 mm) inlet and 3/4" outlet

PRODUCT SPECIFICATIONS

Flow	2 to 55 l/min
Working Pressure	1.4 to 8.0 bar; 140 to 800 kPa
Warranty	2 years



PCZ



APPLICATION



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, President of Hunter Industries

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