

Micro and Drip Irrigation



Potstream™ Mini-Spray Sprinkler/Dripper

- An innovative solution for watering plant containers of all sizes and shapes.
- Adjustable 4-stream fan spray pattern with a radius of 0.0" (OFF) to 12.4".
- Recommended operating pressure of between 5 and 40 PSI – ideal for a wide range of landscape, nursery, and greenhouse applications.
- Output of between 0.0 (OFF) and 9.7 Gallons / Hour.
- Vertical 0.16" inlet hose barb and sturdy 6" stake.

PART	DESCRIPTION	PRICE (F)
POTSTREAM	Potstream Dripper w/ shut-off	1.70



Shrubber® 180° & 360° Adjustable Flow

- Simple finger-tip cap control for flow adjustment
- Spike for positioning; break-off barb adapter
- Side entry barb (0.16") with up to 36" diameter coverage
- 13 GPH @ 30 PSI with 36" spray pattern

PART	DESCRIPTION	PRICE (F)
SHRUBBLER180	180° Shrubber w/ Adjustable Flow	1.30
SHRUBBLER360	360° Shrubber w/ Adjustable Flow	1.30



Pressure Regulating Micro Manifold

- 25 psi regulation with 9 pressure controlled outlets
- Each outlet can support drip, micro sprays and/or micro bubblers
- Inlet screen can be removed for cleaning
- Inlet pressure: 20 – 100 psi, outlet pressure: 21 – 28 psi
- Maximum flow per outlet: 23.3 gph
- Inlet base: 1/2" FNPT; Outlet barb to suit 1/4" tubing

PART	DESCRIPTION	PRICE (F)
MANIFOLD	Pressure Regulating Micro Manifold	21.45



ADAPTER-UNF-1/2 connects UNF-thread sprinklers to 1/2" pipe



Vari-Jet™ 180° & 90° Adjustable Flow and Throw

- Integrated valve controls radius and flow volume
- Choice of spray patterns - 180° or 90°
- UV-stabilized materials for long life
- 10-32 UNF thread for installation on rigid riser
- 180°: 10 – 30 psi, 0 – 31 gph, 0 – 10.6' radius
- 90°: 10 – 30 psi, 0 – 31 gph, 0 – 10.3' radius

PART	DESCRIPTION	PRICE (F)
VARIJET180	180° Jet Spray w/ Adjustable Flow	1.65
VARIJET90	90° Jet Spray w/ Adjustable Flow	1.65



Midi Drip™ Emitter Spike

- Economical and precise watering of individual containers
- Can be taken apart for servicing and cleaning
- Suitable for landscapes and container-grown plants
- 1 gph @ 15 psi
- .16" barb fitting; spike height 4.9"

PART	DESCRIPTION	PRICE (F)
MIDIDRIP	Midi Drip Emitter Spike w/.16" Barb	1.35

18" Rigid Riser w/ .16" Barbed Adapter

- Use in irrigation system w/ UNF-thread micro emitters.
- Can be used w/ Asta® Stake to extend sprinkler height.
- 0.16" hose barb adapter x Female UNF thread.
- UV-stabilized materials for long life.



PART	DESCRIPTION	PRICE (F)
RISER18	18" Riser	1.35

21" Asta® Stake

- Provides a simple solution to a variety of spray heights in landscape settings.
- 21" stake provides stability with extra height.
- Fits all 0.27" OD vinyl tubing or 0.30" rigid risers.
- UV-stabilized materials.



PART	DESCRIPTION	PRICE (F)
STAKE21	21" Stake	2.90

12" Micro Pop-Up Sprinkler Body

- 1/2" Male NPT bottom inlet.
- 10-32 UNF female thread on pop-up riser.
- 12" static height, 22" fully extended.
- Agricultural, home garden, greenhouse, and landscape uses.
- Shown w/ Antelco Vari-Rotor sprinkler (sold separately).



PART / DESCRIPTION	PRICE (F)
MICROPOPUP12 Riser	9.75



Vari-Flow BARB X BARB



Vari-Flow UNF X UNF

Vari-Flow™ Shut-Off Valves

- Flow control valves for low pressure irrigation
- Simple on-off operation and straight through flow
- Operating Pressure: up to 45 PSI at 38° Celsius
- Available with barb x barb or 10-32 UNF x 10-32 UNF threads
- Excellent for use with drippers in landscapes or for hanging basket applications in the greenhouse

PART	DESCRIPTION	PRICE (F)
VARI-FLO	Vari-Flow – barb x barb	1.40
VARI-FLO-UNF	Vari-Flow – UNF x UNF	1.40

Irrigation Pipe and Accessories



Irritec K-Drop Micro Irrigation System

- Ideal for irrigating plants with roots developed in an inert substrate.
- Assembles to allow for distribution to four plants; watering and fertilization is done efficiently.
- Emitter outlet barb for 0.125" ID micro tube.
- Arrow dripper up to 0.69 GPH @ 15 PSI.

PART	DESCRIPTION	PRICE(J)
ID-AID1006	6" Angle Arrow Dripper	.45
ID-WPC8BBN	2 GPH Emitter w/ barb/barrel outlet	.65
ID-MAN4TI	Stackable, Upright 4-Way Manifold	.30
ID-125TUBE-1000	0.125" ID x 1,000' Micro Tube (/ roll)	CALL



6" Micro-Tube Locator Stake – 3 MM

- 100 Degree angle bend – inlet barb to 6" tall spike.
- Inlet barb works with both 0.125" and 0.170" tube.

PART	DESCRIPTION	PRICE (F)
ID-MICRODRIP-6	6" Micro Locator Stake	.20



Asta PC Spike 1 GPH Dripper

Designed for landscape and nursery applications. Targets water where you need it most – at the plant's root zone.

- Pressure Compensating (PC) spike dripper has sealed turbulent flow path and diaphragm to maintain uniform discharge over a wide range of pressures.
- 1 Gallon per Hour flow.
- Operating pressure: 5 – 50 PSI.
- UV Stabilized materials.
- Inlet: 0.16" Barb

PART	DESCRIPTION	PRICE (F)
ASTA-DRIP-1GPH	1 GPH Asta Dripper	1.35



Thin-Wall Poly Drip Pipe – 3/4" I.D.

Because of the thin-wall nature of this pipe, it is ideal for use as a distribution tube with drip emitters in landscape settings, row garden applications, and overhead irrigation in greenhouses and nurseries.

- 3/4" Nominal inside diameter, nominal wall thickness 0.060", and 0.940" average outer diameter.
- Rated to maximum working pressure of 55 PSI.

PART	DESCRIPTION	PRICE (H)
POLDRIP-34-100	3/4" I.D. X 100' Thin-wall Poly Drip Pipe	CALL
POLDRIP-34-200	3/4" I.D. X 200' Thin-wall Poly Drip Pipe	CALL
POLDRIP-34-400	3/4" I.D. X 400' Thin-wall Poly Drip Pipe	CALL

100 PSI Premium-Grade HD Poly Irrigation Pipe

- 100 PSI working pressure @ 23°C; 300 PSI burst strength.

PART	DESCRIPTION	WALL THICKNESS	I.D.	PRICE (M)
POL100-12	1/2" X 100'	0.070"	0.622"	CALL
POL100-12-400	1/2" X 400'	0.070"	0.622"	CALL
POL100-34	3/4" X 100'	0.085"	0.824"	CALL
POL100-34-400	3/4" X 400'	0.085"	0.824"	CALL
POL100-1	1" X 100'	0.108"	1.049"	CALL
POL100-300	1" X 300'	0.108"	1.049"	CALL
POL100-114	1 1/4" X 100'	0.143"	1.380"	CALL
POL100-114-300	1 1/4" X 300'	0.143"	1.380"	CALL
POL100-112	1 1/2" X 100'	0.166"	1.610"	CALL
POL100-112-250	1 1/2" X 250'	0.166"	1.610"	CALL
POL100-2	2" X 100'	0.214"	2.067"	CALL
POL100-2-200	2" X 200'	0.214"	2.067"	CALL



Professional Landscape Drip Line

Applies water slowly and evenly for consistent and accurate distribution. Water soaks in gradually, easily reaching the targeted plant root zone. Great for landscape settings or row crop type applications.

- Pressure compensating emitters with built-in check valves ensure balanced flow over all terrain.
- Three choices of emitter spacings – 12", 18", and 24" to meet any type of irrigation application.
- Kink-resistant and flexible – can work in virtually any creative landscape planting design.

PLD Maximum Line Length Chart		0.4 GPH		
Pressure (PSI)	Emitter Spacing Maximum Lateral Length (FT)			
	12"	18"	24"	
15.0	344	475	594	
20.0	479	660	823	
25.0	509	703	879	
30.0	535	742	928	
35.0	584	808	1010	
40.0	627	868	1086	
45.0	646	894	1119	



Big Gulp PRO Manual Water Pump

- Manually pumps water at 12+ Gallons / Minute
- 36" Tall with 72" discharge hose and Mud Guard

PART	DESCRIPTION	PRICE (K)
BIG-GULP-PRO	Big Gulp Pro Manual Water Pump	56.45

PART	DESCRIPTION	PRICE (E)
PLD-12-FOOT	PLD 12" Spacing Drip Line @ 0.4 GPH (250' roll = 100 GPH total volume).	CALL
PLD-18-FOOT	PLD 18" Spacing Drip Line @ 0.4 GPH (250' roll = 67 GPH total volume).	CALL
PLD-24-FOOT	PLD 24" Spacing Drip Line @ 0.4 GPH (250' roll = 50 GPH total volume).	CALL
PLD-MB12	Hose Barb x 1/2" Male NPT Adapter	CALL
PLD-MB34	Hose Barb x 3/4" Male NPT Adapter	CALL
PLD-CPL	Hose Barb x Hose Barb Straight Coupler	CALL
PLD-ELB	Hose Barb x Hose Barb 90° Elbow	CALL
PLD-TEE	Hose Barb x Hose Barb x Hose Barb Tee	CALL
PLD-ENDCAP	Drip Line End Cap – removable cap to allow flushing of drip line	CALL
PLD-YLS120	3/4" Y-Strainer w/ Flush Cap – 120-Mesh filter element	CALL



Dramm Misty Mist 360° Nozzles

- deal for overhead mist propagation, irrigating plugs, or raising humidity levels.
- Misty Mist nozzles produce a 6 foot spray pattern when placed 5 feet above your greenhouse crop with 3 foot spacing.
- Available in three different GPM ratings to suit your specific needs.
- No moving parts; easy to maintain, simple to set up.
- Can be installed upright or inverted overhead or on greenhouse bench risers, as required.

Misty Mist Nozzle Performance (Gallons / Minute)

PART NUMBER	COLOUR	ORIFICE DIAMETER	36 PSI	73 PSI
MISTY-BW	Blue/White	1.0 mm	0.17	0.22
MISTY-RW	Red/White	1.25 mm	0.27	0.35
MISTY-BLK	Black/White	1.50 mm	0.39	0.50

PART	DESCRIPTION	PRICE(H)
MISTY-BW	Misty Mist Nozzle – Blue/White	2.20
MISTY-RW	Misty Mist Nozzle – Red/White	2.20
MISTY-BLK	Misty Mist Nozzle – Black/White	2.20



Dramm Assembly Insert

- Threaded gasket that provides quick installation and a leak-free seal for Dramm irrigation nozzles.
- 3/8" interior Whitworth tapered thread to match up with Misty Mist and Pin-Perfect nozzles. Also fits the Dramm No-Drip Riser Extension.
- USED WITH SCHEDULE 40 PVC ONLY; DO NOT use with schedule 80 PVC pipe.
- Easy to use – drill 7/16" hole in pipe, insert gasket into hole, and thread in your irrigation nozzle.
- Recommended for use at operating pressures up to 50 PSI.

PART	DESCRIPTION	PRICE(H)
MISTY-INSERT	Dramm Insert Assembly	1.15



3/8" Whitworth Thread X 1/2" FNPT Riser Adapter

- 1/2" Female NPT X 3/8" Whitworth Female Thread adapter allows for the use of Misty Mist and Perfect-Pin nozzles on a 1/2" diameter irrigation riser.

PART	DESCRIPTION	PRICE(H)
MISTY-ADPT	Riser Adapter 1/2" x 3/8" WW	2.15



Rotor Rain G Mini Sprinkler

- Low trajectory, large droplet mini sprinkler.
- 'C' Frame design for strength and high distribution uniformity.
- Full flow flipper suspended between two bearings for reliable performance.
- Rotor can be replaced with break-off spray deflector for close-in watering of immature crops.
- 1/2" Male NPT base; 0.055" Orifice size.
- Other sizes available by special order; please inquire.

Rotor Rain Green Mini Sprinkler Performance

PRESSURE (PSI)	FLOW (GPH)	DIAMETER (FT.)*	STREAM HEIGHT (FT.)
15	20.0	26.0	1.8
20	23.5	30.0	1.8
25	26.5	30.0	1.8
30	29.2	30.0	2.1

*NOTE: Diameter based on sprinkler head 8" above ground.

PART	DESCRIPTION	PRICE(F)
ROTORAIN-G	Mini Rotor Sprinkler	2.35



Dramm No-Drip Extension Check Valves

- Helps control drip from overhead pipelines by shutting off when water pressure is below 11 PSI.
- Used primarily when Dramm irrigation nozzles (such as Pin-Perfect and Misty Mist) are installed on the bottom side of over crop PVC water lines.
- Can be used optionally on topside installations.
- Includes a built-in filter to help keep check valve and attached nozzle from clogging.

PART	DESCRIPTION	PRICE(H)
MISTY-EXTENSION	No-Drip Extension	4.00



Dramm 11 Gram Emitter Weight

- Barbed connection for secure fit.
- Zinc / Aluminum alloy – NO lead.
- Dual Port for even output.
- Use with 0.130" Dramm tubing.

PART	DESCRIPTION	PRICE(I)
DRAMMWEIGHT	Dramm Emitter Weight	.50



Cooling / Misting Shrub Nozzles

- Ideal for targeted irrigation or cooling applications.
- SPJET series feature bayonet tip and 0.16" "quick" thread for easy installation into SOFT poly pipe.
- SN series (not shown) features 10-32 UNF micro thread for installation into pre-drilled RIGID poly pipe.

PART	DESCRIPTION	PRICE
SPJET-15415	90 (1/4 circle) Shrub Nozzle	.50(F)
SPJET-15425	180 (1/2 circle) Shrub Nozzle	.50(F)
SN90	90 Shrub Nozzle (not shown)	.50(E)
SN180	180 Shrub Nozzle (not shown)	.50(E)



24" Slimline 1/2 GPH Hanging Basket Assembly

- Includes 2 LPH (0.5 GPH) emitter, 24" drop line, and easy-to-close shut-off weight.
- Simple, highly visible shut-off functionality.
- Available in other lengths and gallon ratings – please inquire

PART	DESCRIPTION	PRICE
ISO1HBA2W-24	HB Emitter Assembly – 24" w/ 0.5 GPH	CALL



Pressure Compensating Drip Emitters

- Available in 3 sizes – 1/2 GPH, 1 GPH, and 2 GPH.
- Silicon Diaphragm for longer life.
- Can be taken apart for inspection and cleaning.

PART	DESCRIPTION	PRICE(F)
EM5	EM-5 Emitter – 1/2 gallon / hour	.80
EM10	EM-10 Emitter – 1 gallons / hour	.80
EM20	EM-20 Emitter – 2 gallons / hour	.80

NOTE: All Drip Tubing and Poly Pipe is located in our Landscape Irrigation section of the catalogue.