



# *Irrigation*



# DRAMM

## Nozzles

### Dramm® 480PL Water Breaker® Nozzle

This plastic water breaker features micro-fine holes. Made of plastic with a stainless steel disk.



**Red - 7gpm - 40psi**

**DRM2072602**

Min. Buy 1ea



### Dramm® 170PL Water Breaker® Nozzle

This plastic water breaker is designed for small containers (hanging baskets) and is an excellent choice for watering in areas with low water pressure.



**Blue - 7gpm - 40psi**

**DRM1072349**

Min. Buy 1ea



### Dramm® 400PL Water Breaker® Nozzle

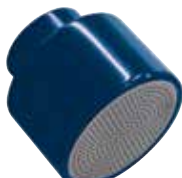
Provides fast, full-flow watering without damage to your plants. Patterned after the original 400 Aluminum water breaker, this product is made from high-impact ABS plastic and aluminum to provide a lightweight alternative.



**Blue - 11.1gpm - 40psi**

**DRM1072346**

Min. Buy 1ea



### Dramm® 400PL Water Breaker® Nozzle with Ring

Provides fast, full-flow watering without damage to your plants. Patterned after the original 400 Aluminum water breaker, this product is made from high-impact ABS plastic and aluminum to provide a lightweight alternative. This version of the ring protects the Waterbreaker from both sides and frontal impact due to the TPR Rubber bumper.



**11.1gpm**

**DRM2072646**

Min. Buy 1ea



### Dramm® Screen-Aire Water Breaker® 350PL Nozzle

Designed to water nursery containers with a gentle, concentrated aerated flow of water. A fine-mesh screen and an array of internal components combine air and water to produce a very soft, unrestricted spray. Use a Dramm In-Line Hose Filter to keep the nozzle from clogging. Made in the U.S.A.



**18gpm**

**DRM2072550**

Min. Buy 1ea



### Dramm® 1000PL Water Breaker® Narrow Nozzle

This water breaker has over 1,000 micro holes that create an ultra-soft flower shower which will not disturb delicate soil or harm tender plants. Made in USA from ABS plastic and stainless steel.



**Green - 7gpm - 40psi**

**DRM1071100**

Min. Buy 1ea



### Dramm® 1000PL Water Breaker® Wide Nozzle

This water breaker has over 1,000 micro holes that create an ultra-soft flower shower which will not disturb delicate soil or harm tender plants. Made in USA from ABS plastic and stainless steel.



**Orange - 7gpm - 40psi**

**DRM1071200**

Min. Buy 1ea



### Dramm® 1000PL Water Breaker® Nozzle

This water breaker has over 1,000 micro holes that create an ultra-soft flower shower which will not disturb delicate soil or harm tender plants. Made in USA from ABS plastic and stainless steel.



**Red - 7gpm - 40psi**

**DRM1071000**

Min. Buy 1ea



### Dramm® 400AL Water Breaker® Nozzle

The original full-flow shower head nozzle. Provides fast, full-flow watering without damage to your plants or disturbing soil. Cast aluminum and hand machined with 3/4 inch brass hose threads.



**Aluminum - 11.1gpm - 40psi**

**DRM1072342**

Min. Buy 1ea



### Dramm® 170AL Water Breaker® Nozzle

The original full-flow shower head nozzle. Provides fast, full-flow watering without damage to your plants or disturbing soil. Cast aluminum and hand machined with 3/4 inch brass hose threads.



**Aluminum - 7gpm - 40psi**

**DRM1072343**

Min. Buy 1ea



### Dramm® 480AL Water Breaker® Nozzle

Stainless steel disk. Micro-fine holes. Wider pattern.



**Aluminum - 7gpm - 40psi**

**DRM2072601**

Min. Buy 1ea



### Dramm® 540 Brass Rose Nozzle

Brass Rose features an extra wide spray pattern, which allows you to increase the speed of hand watering. Great for watering bedding plants, pots or market packs. Includes protective rubber guard and metric to inch hose thread converter. Made in Germany.



**18gpm**

**DRM1072540**

Min. Buy 1ea



## Nozzles

### Dramm® Fogg-It Nozzle

Designed for misting delicate seedlings or for raising humidity around wilting plants. This nozzle has three mist jets which create a conical spray pattern. Available in four different discharge rates. Made in the U.S.A. from solid brass. 3/4 hose threads.



**1/2gpm, Super Fine**  
**DRM2072505** Min. Buy 1ea



**1gpm, Fine**  
**DRM2072506** Min. Buy 1ea



**2gpm**  
**DRM2072507** Min. Buy 1ea



**4gpm**  
**DRM2072508** Min. Buy 1ea



### Dramm® Seedling Nozzle

The Seedling Nozzle allows you to water fragile plants, delicate seedlings or plant cuttings. This high-quality nozzle produces an extra fine, hollow cone mist pattern and sprays 1/2 gallon of water per minute. Made in the U.S.A. from solid brass.



**3/4in Thread**  
**DRM2072350** Min. Buy 1ea



### Dramm® Handi-Reach™ Handle

Designed to eliminate the stretching and stooping associated with hand watering. Made in the U.S.A. from extruded aluminium tubing, forged brass hose couplings and a comfort EPDM hand grip. 3/4 male and female hose threads.



**16in, 3/4 Threads**  
**DRM116GC** Min. Buy 1ea

**24in, 3/4 Threads**  
**DRM124GC** Min. Buy 1ea

**30in, 3/4 Threads**  
**DRM130GC** Min. Buy 1ea

**36in, 3/4 Threads**  
**DRM136GC** Min. Buy 1ea

**48in, 3/4 Threads**  
**DRM148GC** Min. Buy 1ea

**48in, 3/4 Threads**  
**DRM13485** Min. Buy 1ea

**72in, 3/4 Threads**  
**DRM172G** Min. Buy 1ea



**90 Degree Bend - 36in, 3/4 Threads**  
**DRM136GBC** Min. Buy 1ea

**90 Degree Bend - 48in, 3/4 Threads**  
**DRM148GBC** Min. Buy 1ea



### Dramm® Telescoping Handi-Reach Handle

The Telescoping Handi-Reach Handle allows growers to reach over wide benches or plants that are higher with ease. The Telescoping Handle extends to 80". Storing the wand is easy as it compresses down to 50" in length when closed. Available in either a standard bend or hanging basket bends.



**Standard Bend**  
**DRM1022375** Min. Buy 1ea

**Hanging Basket Bend**  
**DRM1022376** Min. Buy 1ea





# DRAMM

## Valves

### Dramm® QAV Shut Off Valve

The QAV uses a unique, patent-pending valve design includes a single-piece ball, stem and handle assembly to reduce the time to assemble while strengthening the structure. The QAV Valve replaces our 35 Shut-Off, keeping only its price-point. The QAV offers greater durability and a larger handle for easier watering.



Blue - 13gph

DRM1072318

Min. Buy 1ea



### Dramm® OneTouch™ Valve

Fingertip water control. Zinc die cast body & nylon valve components for long life. Flow can be adjusted from off to full flow with thumb-tip precision. Flow rate 8gpm at 40 PSI



8gpm

DRM1014700

Min. Buy 1EA



### Dramm® Touch'N Flow PRO™ with Trigger

Full flow valve specialty designed for durability and ease of use. Features a one-touch lever activated valve and an ergonomic insulated grip. Offers up to 11gpm at 40psi. Made in the USA.



11gpm

DRM1073065

Min. Buy 1ea



### Dramm® OneTouch™ HighFlow Valve

Fingertip water control. Zinc die cast body and nylon valve components for long life. Flow can be adjusted from off to full flow with thumb-tip precision. Larger opening for more flow. Offers up to 16gpm at 40psi.



16gpm

DRM1074800

Min. Buy 1ea



### Dramm® Quick Disconnect

Heavy-duty quick hose connection offers full-flow (pair) without water-stop. Available as male or female only. Made in the USA.



Brass

DRM740C

Min. Buy 1ea



### Dramm® Brass Hose Swivel

The Brass Hose Swivel is a live swivel that allows for unencumbered movement between the hose and attachments under pressure. Reduces hose twisting.



18gpm

DRM1072700

Min. Buy 1ea



### Dramm® #74 Full Flow Shut Off Valve

Full flow valve specialty designed for durability and ease of use. Features a one-touch lever activated valve and an ergonomic insulated grip. Offers up to 18gpm at 40psi. Made in the USA.



18gpm

DRM1073074

Min. Buy 1ea



### Dramm® Twin Shut Off Valve

Water two places at one time. Connect the valve to your faucet to create two male connections, with each connection independently controlled. Molded from high quality ABS plastic.



Twin Cylolac - 10gpm

DRM235C

Min. Buy 1ea



### Dramm® #300 Brass Shut-Off Valve

Simply the best shut-off valve available. Provides fingertip water control at the end of a greenhouse hose. A quarter turn of the large ergonomic handle and the water is off. Full water flow design. Made in the USA from brass, durable seals and a hard chrome plated ball to provide years of service. 3/4 threads.



17gpm

DRM1073300

Min. Buy 1ea



### Dramm® #300 Full Repair Kit

Full repair kit for the 300 Brass Shut-Off valve. Includes handle and ball assembly.



DRMRKBB

Min. Buy 1EA



### Dramm® #300 AL Shut Off Valve

Aluminum shut off that offers unmatched durability and flow in a light weight package. Tested for corrosivity, our new valve holds up to high EC, low pH water with no trouble.



Aluminum - .75in Male-Female

DRM1073301

Min. Buy 1ea



### Dramm® Twisty Quick Hose Connect

Twisty Quick, a plastic quick connect hose adapter. Full water flow design. Design is made from heavy-duty plastic. 3/4 male and female hose threads. Sold as a pair



Black - .75in Thread

DRM710C

Min. Buy 1ea



# DRAMM

## Irrigation Components

### Filter

#### Dramm® Inline Filter

Inline Filter 80 Mesh With Element. 80 mesh screen filters out unwanted dirt and debris. Highly recommended for 1000PL and 350 screen air.



ILF-175

DRM2072630

Min. Buy 1ea



### Other Equipment

#### Dramm® Hanging Basket Remover Ring

Comes with 10in ring to conveniently remove hanging baskets from hard-to-reach areas above! Additional ring sizes and pole lengths are available.



36in Handle with 10in Ring

DRMHBR

Min. Buy 1ea



7ft Handle

DRMHBRP

Min. Buy 1ea



#### Dramm® 360 Degree Nifty Nozzle

Nifty Nozzles offer an economical solution for simple "overhead or on the bench" watering systems. These nifty nozzles produce a 10 foot diameter spray pattern when your water pipeline is 5 feet above the crop. Nifty Nozzles can be installed on the topside of the pipeline, on bottom side of the pipeline or on top of 1/2 PVC risers. Bottom side installations require no-drip check valves to prevent drip.



Blue - 2.50mm

DRM360NNBL

Min. Buy 1ea



#### Dramm® Assembly Insert

Used to install nozzles without tapping threads. For all nozzles and extensions.



DRMAI

Min. Buy 1ea



#### Dramm® Pin Perfect Nozzle

The perfect nozzle watering system provides an efficient permanent over-head watering system. Use solenoids and time clocks for complete automation. Nozzles can be inserted into galvanized, rigid poly, or flexible poly pipe. Pipe should be clamped and drilled with a jig before installation.



Green - 2.65mm

DRMPNGN

Min. Buy 1ea



### Drippers

#### Dramm® Pressure Compensated Dripper

Drip irrigation system is designed for even watering with a greater range of operating pressure. Silicone diaphragms last longer. Slim, zinc-aluminum weight is easy to harvest. Durable nylon body. Available in 18in, 24in, 36in, 42in and 48in.



2 lph Drip Assembly, 18in

DRMPCAS2L18

Min. Buy 1ea

2 lph Drip Assembly, 24in

DRMPCAS2L24

Min. Buy 1ea

2 lph Drip Assembly, 36in

DRMPCAS2L36

Min. Buy 1ea



## Design the Right Irrigation System

Dramm and BFG will design a complete irrigation system for you and ship it complete along with basic assembly instructions.

Propagation Mist

Overhead Irrigation

Basket Drippers

Potted Dripper  
Manifolds



#### Dramm® Pressure Compensated Dribble Ring

The Dramm PC Dribble Ring offers even watering of trees and nursery stock. Dramm pressure compensating emitters ensure accurate watering from pot to pot. Contact your BFG representative for assistance in selecting the correct size. Available ring diameters are 4in, 6in, 8.5in, 10in and 13in

#### Dramm® Anchor Stake for Dribble Ring

Holds ring in place in pot. Use one per ring.



DRMS3ANCHOR

Min. Buy 1ea

# DRAMM

## Capillary Mats



### Dramm Floraplus/Vivaplus Capillary Mat

Dramm Capillary Mat delivers a safe supply of water & nutrients while reducing runoff at the same time. The matting provides optimal dispersion of solution across the growing area and vertically within the pot. For use with overhead watering to maximize water usage or for use with Dramm PCAS Drippers to deliver exact amounts of water. Dramm offers capillary mat for lower water demand and younger crops (Floraplus) or higher water demand for more mature plants (Vivaplus). Available with or without poly backing depending on bench type. Use with Dramm Aquafoil cover to keep mat clean and extend life. Contact your BFG representative with questions on sizing and type.

## Tubing

Type	ID	OD	Color
DTS	0.045in	0.100in	Green
DTM	0.060in	0.100in	Brown
DTL	0.075in	0.125in	Blue

### Dramm® Dribble Tube DTM

Offers a simple way to water plants automatically by dripping water into each pot directly. Permanently attached always ON weight emitters. Works with other systems. Available in various standard lengths.



**Brown - 42in**

**DRMDTM42**

Min. Buy 1ea



### Dramm® DTL-E Eyelet

Used to install Dramm Dribble Tubes and Dribble Rings.



**Brass - For .060 & .045ID**

**DRMDTMSE**

Min. Buy 1ea



**Brass - For .075ID**

**DRMDTLE**

Min. Buy 1ea

## Controllers

### Dramm® ii ri Bluetooth Smart Irrigation Controller

Irrigation controller with Bluetooth connectivity, the ii ri Smart Controller can operate one solenoid valve without wiring. Use your smartphone to create watering schedules you can easily change according to your needs. CR123 battery operated, works with different valves.



**DRMIIRISVB075**

Min. Buy 1ea

**DRMIIRISVB100**

Min. Buy 1ea



### Dramm® Proline Irrigation Controller

Offers basic irrigation control and advanced features in a easy-to-program and affordable unit. With up to 4 programs that can run independently or simultaneously, with up to 8 start times per day and day selection capability, the ProLine provides flexibility in your watering. This modular controller starts with 4 outputs, but is expandable up to 24. Each valve can operate from 1 minute to 9 hours, 55 minutes. Seasonal adjustment allows for these values to be changed based on time of year without altering the each valve's programming. The ProLine offers manual operation of an individual valve or an entire program. Connect to your controller to monitor activity or adjust the programming from anywhere with the SmartLink upgrade (requires optional cellular connection package and air card). The SmartLink App on your phone allows easy access.



**4 Station Controller**

**DRMPL160004**

Min. Buy 1ea

**8 Station Controller**

**DRMPL160008**

Min. Buy 1ea

**12 Station Controller**

**DRMPL160012**

Min. Buy 1ea

**24 Station Controller**

**DRMPL160024**

Min. Buy 1ea



### Dramm® Jetrain Overhead Irrigation Systems

The JetRain Misting and Irrigation nozzles offer even watering with a variety of flow and distance options. Designed to operate between 40-60 PSI. A variety of mounting options make the JetRain perfect for multiple irrigation or misting situations. Please contact your BFG representative for a custom design proposal.



### Dramm® Mistime Misting Controller

The Dramm 10 zone MistTime Controller is perfect for time or temperature based control of misting valves. With the ability to program each valve independently, the MistTime offers unmatched flexibility. The timing is variable with the duration operating between 1 second and 60 minutes and interval timing operating between 1 minute and 12 hours. The MistTime can be programmed to convert the last valve to pre-start a pump to ensure the system is properly pressurized. Easy to program via the keypad and can be programmed in English, Spanish, French or Dutch. Operates on 120vAC or 220vAC and includes 24vAC output.



**10 Zones**

**DRMMT10**

Min. Buy 1ea





## Hoses



### Dramm® ColorStorm™ Custom Hose Starter Kit

Make your own hose lengths easily and quickly with our Custom Hose Starter Kit. This kit makes it easier to get started cutting your own length of hose. The kit includes the DrammPress, our easy to use hose crimper, with one set of jaws, two spools of 330' ColorStorm Hose and 12 male and 12 female fittings with ferrules - enough to make 12 hoses.



**Yellow - 5/8in D**  
**DRM17626** Min. Buy 1ea

**Yellow - 3/4in D**  
**DRM17751** Min. Buy 1ea



### DRAMM® ColorStorm™ Premium Rubber Hose

Made with EPDM rubber, durable like car tires. Features crush-proof, nickel-plated couplings, hot water resistant up to 160 degrees F and designed to resist kinking. Coils easily even in cold weather. Made in the USA.



**Yellow - 5/8in D x 50ft L**  
**DRM1017003** Min. Buy 1ea



### Dramm® ColorStorm™ Professional Rubber Hose

This reinforced hose is hexagonal in shape to reduce kinking. The design of the hose allows a user to easily pull free any kinks that may occur. The hexagonal Sure-Grip™ cover creates a softer surface for a more comfortable grip. Each hose has crush-proof, nickel plated, brass fittings for an exact fit that will survive years of use.



**Yellow - 5/8in x 330ft**  
**DRM17999330** Min. Buy 1ea

**Yellow - 5/8in x Per ft**  
**DRM17999FT** Min. Buy 1ea

**Yellow - 5/8inx 75ft**  
**DRM17203** Min. Buy 1ea

**Yellow - 5/8in x 100ft**  
**DRM17303** Min. Buy 1ea

**Yellow - 3/4in x Per Ft**  
**DRM17989FT** Min. Buy 1ea

**Yellow - 3/4in x 100ft**  
**DRM17313** Min. Buy 1ea

**Yellow - 3/4in x 330ft**  
**DRM17989330** Min. Buy 1ea



## Hose Accessories

### Dramm® Fitting / Ferrule Set

Fitting and Ferrule set for use with the DrammPress Hose Crimper and ColorStorm Hose. Comes with 12ea fitting and ferrule.



**5/8in Female**  
**DRM1017815** Min. Buy 1pk

**3/4in Female**  
**DRM1017825** Min. Buy 1pk



**5/8in Male**  
**DRM1017810** Min. Buy 1pk

**3/4in Male**  
**DRM1017820** Min. Buy 1pk



### Dramm® Splice & Ferrule Set

Fitting and Ferrule set for use with the DrammPress Hose Crimper and ColorStorm Hose. Comes with 12ea fitting and ferrule.



**5/8in Thread**  
**DRM1017830** Min. Buy 1pk

**3/4in Thread**  
**DRM1017840** Min. Buy 1pk



### Dramm® Jaws

Insert jaws for DrammPress.



**5/8in Jaws Only**  
**DRMDPJ625** Min. Buy 1ea

**3/4in Jaws Only**  
**DRMDPJ750** Min. Buy 1ea



### Dramm® Press Hose Crimper

Secures fitting/ferrule to hose end. Crimper can be fitted with either 5/8 or 3/4 jaws (sold separately). Works with all Dramm ColorStorm fittings and ferrules.



**Frame Only**  
**DRMDPFRAME** Min. Buy 1ea



# No Matter the Crop or Situation Dramm has You Covered

Apply Insecticides, Fungicides, Disinfectants, Biopesticides. Spray, Foam, Fog, Drench.



Over 50 ways to spray and a team of experts to help you make the most of your pesticide applications.

Call Dramm to help improve your pest management program.

Want help? Download our Whitepaper.

## **DRAMM**

Integrated Plant Health

information@dramm.com

920.684.0227 • www.dramm.com



### Drippers

#### Netafim™ Pressure Compensating Spray Stakes

All units stop and start at the same time. Features one directional spray. The 8in spray stake fits firmly into the media and can be angled to adjust the spray pattern according to the pot size.



#### 3.2gph Plum Drinker Assembly / 36in Line

NET40201-002020 Min. Buy 1ea



#### 6.6gph Grey Drinker Assembly / 36in Line

NET40201-002320 Min. Buy 1ea



#### Plum - 3.2gph

NET22500-002030 Min. Buy 1ea



#### 6.6gph Grey Spray Stake Single Spray / 8in L

NET22500-002130 Min. Buy 1ea



#### Grey - 6.6gph

NET22500-002230 Min. Buy 1ea



#### 3.2gph - 48in

NET40201-024700 Min. Buy 1ea



#### Netafim™ Slimline EZ Close™ Weight Assembly

One-hand, EZ close shut-off of individual baskets - prevents water and fertilizer spillage and waste. Snag-free slim design for easy retrieval from plants at harvest - no more lost weights. 94% flow uniformity from the first basket to the last in any system. Each pre-assembled SlimLine EZ Close™ Weight assemblies include: .5gph WPCJ Drinker with built-in check valve, Super Flex UV White™ PE tubing and weight. Sold in packs of 25.



#### Pre-Assembled / 18in L

NET40201-015402 Min. Buy 1ea







**Drippers**

## Netafim™ NetBow™ Drip Ring

An innovative user friendly container irrigation multi outlet dripper arc with high clogging resistance and superb water distribution.



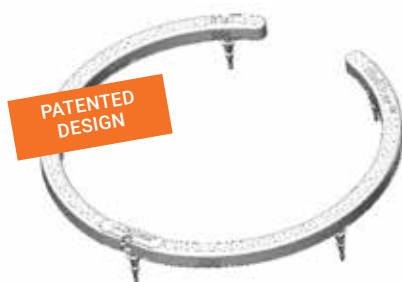
**10in**

**NET77470000106** Min. Buy 1ea



## NetBow™

An innovative user-friendly container irrigation ring with multi-outlet emitters. Featuring Typhoon™, our superior clog resistant emitter for maximum water distribution. Specially designed for irrigating containerized crops.



Uniform Water Distribution



Superior Clog Resistance



User Friendly

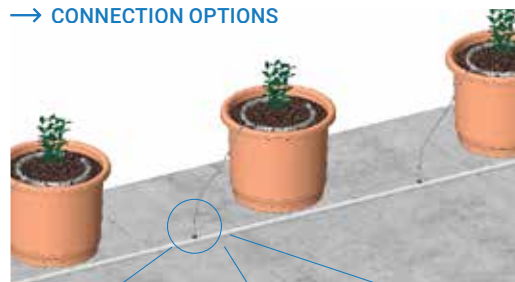
## Benefits & Features

- ✓ Superior clog resistance with Netafim Typhoon™ emitter.
- ✓ Specially designed micro-tubing with 8 evenly spaced emitters distributes water uniformly.
- ✓ Uniform surface wetting provides optimal rootzone development
- ✓ Quick action installation - place ring in the container, then connect the pre-cut micro tubing
- ✓ NetBow™ is patented by U.S. Design App. No. 29/709,373
- ✓ Multiple connection options to hub drippers: PCJ, PC, or Uniram™ with Dr. Zip™

## Specs. & Recommendations

- Compatible with 5-10g (20-40L) containers
- Diameter: 10" in (250mm)
- Flow Rate: 8 emitter outlets with flow of 0.53 GPH (2.0 l/h) each at 14.5 psi (1.0 bar)
- The flow from each emitter outlet will be determined by the hub dripper, based on the pressure developed in the NetBow inlet
  - We recommend that the flow of the hub dripper to be 0.53-2.11 GPH (2-8 l/h). If your flow is out of this determined range please follow Netafim guidelines for on-line emitter design.
- Chemical and UV resistance for durability
- Colored light gray for improved light reflection
- Max. operating pressure for hub drippers - 58.0 psi (4.0 bars)

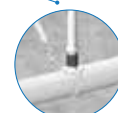
### → CONNECTION OPTIONS



CONNECTION TO PCJ ON-LINE DRIPPER



CONNECTION TO PC ON-LINE DRIPPER



CONNECTION TO UNIRAM™



[www.netafimusa.com](http://www.netafimusa.com)



## Drippers

### Netafim™ Woodpecker Dripper

Designed with a barb inlet for easier installations. Features Netafim's exclusive Turbonet flow path, an innovative concept that provides the dripper's with a very large water passage, allowing contaminants to pass easily through the dripper virtually eliminating clogging. Color-coded for easy flow identification.



**.5gph**

**NET01WPS2-B**

Min. Buy 1ea

### Netafim™ Woodpecker Pressure Compensating Junior Dripper

Netafim™ Woodpecker Pressure Compensating Junior Dripper



**1gph - Grey**

**NET21520-001540**

Min. Buy 1ea



**1gph**

**NET21520-001410**

Min. Buy 1ea



**1gph / Grey / 10.2psi / With CNL Check Valve Feature**

**NET21520-001500**

Min. Buy 1EA



**2gph / Green / 10.2psi / With CNL Check Valve Feature**

**NET21520-001640**

Min. Buy 1EA



**2gph**

**NET21520-001740**

Min. Buy 1ea

### Netafim™ Woodpecker Pressure Compensating Junior Dripper with Post Outlet

For use with P.C. Spray Stake.



**1.0gph Dripper / Orange/Grey**

**NET21520-001530**

Min. Buy 1ea



**3.2gph Dripper Plum / Black**

**NET21520-001690**

Min. Buy 1ea



**5mm Elbow Adapter**

**NET32000-002525**

Min. Buy 1ea

### Netafim™ Woodpecker Pressure Compensating Junior Dripper Barbed Outlet

Pressure compensating dripper.



**.5gph Red**

**NET21520-001040**

Min. Buy 1ea



**1gph Grey**

**NET21520-001440**

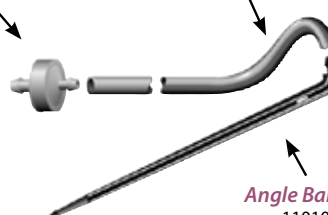
Min. Buy 1ea



### WPCJ Dripper

.5 GPH  
01WPCJL2-B  
or 21520-001040

SuperFlex UV  
White™ PE Tube  
15FPEW53-XX



Angle Barbed Stake  
1101001-B or  
32000-001806

### Netafim™ Dripper Angle Barbed Stake Assembly

.5gph - Pressure Compensating with CNL Check Valve Feature; Standard with Super Flex UV White PE Tubing. Sold in packs of 25.



**24in L**

**NET40201-020600**

Min. Buy 1ea

**36in L**

**NET40201-021000**

Min. Buy 1ea



### Netafim™ Angle Barbed Stake

Angle barbed stake.



**NET32000-001806**

Min. Buy 1ea



### Netafim™ Slimline EZ Close Weight

Weight for hanging basket.



**White**

**NET00130-000033**

Min. Buy 1ea



### Netafim™ Non PC Spray Stake

Non-pressure compensating spray stake.



**Yellow - 3gph**

**NET22500-001030**

Min. Buy 1ea

**Green - 5gph**

**NET22500-001120**

Min. Buy 1ea



### Netafim™ Insert Connector

Insert & Barb



**5mm**

**NET32500-001125**

Min. Buy 1ea





## Drippers



### Netafim™ Multi Outlet Drippers (MOD)

Feature both pressure compensation and a built-in check valve. This combination of features (referred to as PCNL) is the highest level of technology available in drippers today. This technology ensures that every plant will receive exactly the same amount of water and fertilizer regardless of where the plant is located within the system. Each dripper adjusts itself automatically to the system pressure and elevation so that even on rolling or sloped ground, the uniformity of watering is 94%. The built-in check valve prevents unwanted drainage of the system onto the lowest plants when the watering cycle is completed.

#### Manifold Versatility

When many small pots are to be watered, two manifold assemblies can be stacked together to create an 8-Way assembly. The flow per pot is then 0.25 gallons per hour (GPH).

For every 10 gallons per minute (GPM) available, 2,000 pots can be watered.

Regular set up of 4 way is preferred, requires less microtubing.

#### Flexible and Portable

The flat manifold separates for easy storage or transport in a box or bundle. The dripper supply tubing (with the dripper attached) can then be rolled up without tangling the spaghetti tubes. If a different plant spacing is desired, simply change the manifold.

### Flat 4-Way MOD Assemblies

For complete assembly order one Manifold Assembly and one Woodpecker Pressure Compensating Junior Dripper.

### Manifold Assemblies

Item #	Model #	Arrow Dripper	Tube Lengths	Qty	Barcode
<b>NET40201-003200</b>	014DM-1830F	Standard	(2) at 18in & (2) at 30in	25/pk	
<b>NET40201-002920</b>	014DM-3048F	Standard	(2) at 30in & (2) at 48in	25/pk	
<b>NET40201-005000</b>	014DM-4848F	Standard	(4) at 48in	25/pk	
<b>NET40201-004400</b>	014DM-3030F	Standard	(4) at 30in	25/pk	
<b>NET40201-003600</b>	014DM-2424F	Standard	(4) at 24in	25/pk	
<b>NET40201-003800</b>	014DM-02424FS	Short	(4) at 24in	25/pk	
<b>NET40201-008000</b>	014DMS-2424F	Standard	(4) at 24in	25/pk	
<b>NET40201-002600</b>	014DM-1818FS	Short	(4) at 18in	25/pk	
<b>NET40201-002550</b>	014DM-1818F	Standard	(4) at 18in	25/pk	
<b>NET014DM-2448F</b>	014DM-2448F	Standard	(2) at 24in & (2) at 48in	25/pk	

### Netafim™ Angle Arrow Dripper

Allows placement of drippers exactly where necessary. Allows maximum flexibility in greenhouse and nurseries (with soft PE microtubes). Unique flow channel down the length of the stake directs water into the container. Features pointed end for easy container insertion.



#### Short Angle Arrow Dripper 3 3/4in

**NET22000-000920** Min. Buy 1ea



#### Angle Arrow Dipper 6in

**NET22000-001320** Min. Buy 1ea



#### Arrow Dripper Straight

**NET22000-001120** Min. Buy 1ea



### Netafim™ Dripper Stake Assemblies

The CNL feature is an internal check valve or non-draining mechanism that eliminates refill and drainage effects. Standard with Super Flex UV White PE Tubing.



#### .5 GPH/30 inch/Pressure Compensating/CNL/ Angle Barbed Stake

**NET40201-020700** Min. Buy 1ea



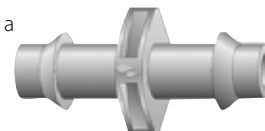
### Netafim™ Barb Connector

Relatively easy to install, UV resistant and a durable one piece construction.



#### For 4/7 Tubing

**NET63000-001355** Min. Buy 1ea







## Manual Filters and Electric Values

### Drippers

#### Netafim™ Dripper for 4 Way Assembly

The CNL feature is an internal check valve or non-draining mechanism that eliminates refill and drainage effects. Non-Pressure Compensating Drippers are designed with a barb inlet for easier installation. Features exclusive Turbonet flow path, an innovative concept that provides the dripper's with a very large water passage, allowing contaminants to pass easily through the dripper virtually eliminating clogging.



**2gph/CNL**

**NET21020-001510** Min. Buy 1ea



#### Netafim™ Pre-Assembled Pressure Compensating Dripper

Offers cost savings derived from minimizing run off often associated with traditional watering methods.

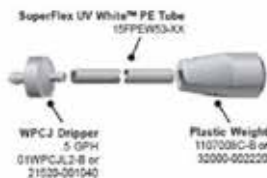


**18in /.5gph WPCJ**

**NET40201-013900** Min. Buy 1ea

**48in /.5gph WPCJ Pressure Compensating Dripper**

**NET40210-01300** Min. Buy 1ea



#### Netafim™ WPC CNL Dripper

Pressure differential system maintains uniform flow rate at different inlet working pressures within the recommended range ensuring exact distribution of water and nutrients. Ideal for areas with difficult topographical conditions.



**1GPH, 250/bg**

**NET21020-001433** Min. Buy 1ea



#### Netafim™ PC™ Dripper

When you need precise drip irrigation for greenhouses, vineyards and orchards with uneven land or irregular plant spacing, pressure-compensated drippers deliver a uniform flow rate no matter how difficult your topographical or water conditions.



**6GPH, 250/bg**

**NET21000-001340** Min. Buy 1ea



#### Netafim™ Goof Plug

Dual goof plug



**3/7mm**

**NET32000-001010** Min. Buy 1ea



#### Netafim™ Manual Disc Filter

Grooves in the disc rings crisscross to form a network that traps debris between and on the outside of the discs.



**.75in**

**NET70640-001200** Min. Buy 1ea



**1.5in**

**NET70641-003420** Min. Buy 1ea

**1in**

**NET70641-001600** Min. Buy 1ea

**2in**

**NET70641-003640** Min. Buy 1ea

#### Netafim™ Disc Filter Cover O-Ring

Netafim™ Disc Filter Cover O-Ring



**3/4in, 120 Mesh**

**NET70620-003700** Min. Buy 1ea

**1in, 120 Mesh**

**NET70620-003800** Min. Buy 1ea



#### Netafim™ Electric Valves 24 VAC

Simple to operate and maintain. Robust flow control stem and manual override. Reliable even in harsh conditions. Stable solenoid. Tight sealing valve with fully supported diaphragm. Integral stainless steel EasyClean® filter.



**.75in / 24V / Threaded**

**NET71640-007355** Min. Buy 1ea

**1in / 24V / Threaded**

**NET71640-007406** Min. Buy 1ea

**1.5in / 24V / Threaded**

**NET71640-007425** Min. Buy 1ea

**Solenoid for Electric Valves**

**NET71640-007141** Min. Buy 1ea



#### Netafim™ Aqua Pro Control Valve

1" Series 80 Globe Control Valve With Controller



**NET71610-013969** Min. Buy 1ea



## Netafim™ Insert Fittings

### Netafim™ Insert Fittings

Dripline and polyethylene fittings.



**16mm**

**NET32500-010720** Min. Buy 1ea



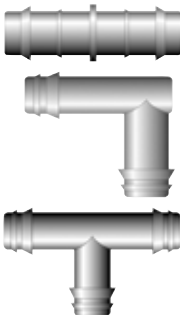
**16mm Insert Elbow**

**NET32500-012530** Min. Buy 1ea



**16mm Insert Tee**

**NET32500-011330** Min. Buy 1ea



### Netafim™ Line End

Figure 8 line end.



**16mm PE**

**NET32500-013030** Min. Buy 1ea

**18mm PE**

**NET32500-014430** Min. Buy 1ea

**3/4in PE**

**NET78241-002500** Min. Buy 1ea



## Manifolds

### Netafim™ Manifolds

Ideal for field applications. To create additional configurations combine the Flat 2-Way or 4-Way Stackable manifold with a 4-Way manifold. The Flat 2-Way manifold is usually combined with the 1gph WPCJL Dripper - .5gph per plant.



**2-Way Flat Manifold**

**NET32000-002538** Min. Buy 1ea



**4-Way Flat Manifold**

**NET32000-002570** Min. Buy 1ea



## Inline Shut-Off Valves-Barbed

### Netafim™ Inline Shut-Off Valve

.520 inch plastic shut off for standard 16mm irrigation tubing.



**16mm Shut-Off Valve**

**NET00005-008960** Min. Buy 1ea

**18mm Shut-Off Valve**

**NET00005-008970** Min. Buy 1ea

**3/4in Shut-Off Valve**

**NET00005-008990** Min. Buy 1ea





## Design Help for Sprinkler & Fogger Systems

### Step 1 Visualize the Greenhouse

Evaluate the location of obstacles such as curtains or hanging baskets. Consider aisles and whether they can be wetted. Review cultural practices which might impact the height at which the sprinklers should be placed.

### Step 2 Select a Sprinkler Head for Watering Applications (go to Step 2b for Misting, Propagation or Cooling Applications)

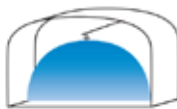
All sprinkler solutions are based on an average sprinkler working pressure of 30 psi and spacing between the sprinklers of three feet.



#### Single Bench with VibroNet Sprinklers

Bench Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop	
		2' - 3'	3' - 5'
4	3	VN-BL or VN-GN	VN-BL or VN-GN
5	3	VN-BL or VN-GN	VN-BL or VN-GN
6	3	VN-BL or VN-GN	VN-BL or VN-GN

For multiple benches or bays, use 7', 8' or 9' between lines.



#### One Line for Single Bay or Quonset with SpinNet Sprinklers

Bay Width (ft)	Spacing Between Sprinklers (ft)	Height Above Crop		
		2' - 3'	4' - 5'	6' - 7'
10	3	R-R-BL	—	—
12	3	R-R-BL	R-R-BL	—
14	3	BR-BR-BL	BR-BR-BL	R-R-BL
15	3	R-R-GY	BR-BR-BL	R-R-BL
16	3	R-R-GY	BR-Y-GY	R-R-BL
18	3	R-R-GN	BR-Y-GY	BR-Y-GY
20	3	—	R-R-GN	BR-BR-GN
22	3	—	R-R-GN	BR-BR-GN
24	3	—	—	BR-BR-GN



#### Two Line for Single Bay or Quonset with SpinNet Sprinklers

Bay Width (ft)	Spacing Between Sprinklers (ft)	Spacing Between Sprinkler Lines (ft)	Height Above Crop		
			3'	4' - 5'	6' - 7'
20	3	11	R-R-BL	—	—
22	3	12	R-R-BL	R-R-BL	—
24	3	12	R-R-BL	R-R-BL	R-R-BL
26	3	14	BR-BR-BL	R-R-BL	R-R-BL
28	3	15	BR-BR-BL	R-R-BL	R-R-BL
30	3	16	R-R-GY	R-R-GY	BR-BR-BL
32	3	17	R-R-GN	R-R-GY	BR-BR-BL
34	3	18	R-R-GN	R-R-GY	BR-BR-BL
36	3	19	R-R-GN	R-R-GY	R-R-GN
38	3	20	BR-BR-GN	R-R-GN	R-R-GN

### Ordering Guide

Code	Description	Model Number	Flow* (GPH)
VN-BL	VibroNet Blue Nozzle w/Check Valve	0354040L-B	9.2
VN-GN	VibroNet Green Nozzle w/Check Valve	0354050L-B	11.7
R-R-BL	SpinNet Red Mist Control, Red Body, Blue Spinner w/Check Valve	0355120070BL-B	18.4
BR-BR-BL	SpinNet Brown Mist Control, Brown Body, Blue Spinner w/Check Valve	0355160090BL-B	23.4
R-R-GY	SpinNet Red Mist Control, Red Body, Grey Spinner w/Check Valve	03551200070L-B	18.4
BR-Y-GY	SpinNet Brown Mist Control, Yellow Body, Grey Spinner w/Check Valve	03552000090L-B	23.4
R-R-GN	SpinNet Red Mist Control, Red Body, Green Spinner w/Check Valve	03551200070GL-B	18.4
BR-BR-GN	SpinNet Brown Mist Control, Brown Body, Green Spinner w/Check Valve	03551600090GL-B	23.4

\*Average flow at 32 psi.



**BFG Technical Services:** For continuous adjacent bays - contact our technical services department





## Sprinklers & Accessories

### Netafim™ Coolnet Pro Fogger Head Assembly

Humidifying or cooling. 4 nozzles with check valve purple pin.



**8.1gph / 60psi (Opening Pressure 28psi)**

**NET63100-058397** Min. Buy 1ea



### Netafim™ Sprinkler Head Assembly



**Red / Red / Green, 18.4GPH**  
**NET64200-010805** Min. Buy 1ea

**Red / Red / Blue, 18.4GPH**  
**NET64200-032030** Min. Buy 1ea



**Brown / Yellow / Grey, 23.4GPH**  
**NET64200-001805** Min. Buy 1ea

**Brown / Brown / Blue, 23.4GPH**  
**NET64200-033030** Min. Buy 1ea

### Netafim™ SpinNet Sprinkler Head Assembly & Check Valve

SpinNet Sprinklers offer drip-less operation – the plants below are not damaged from water dripping off the sprinkler. Sprinklers hang below the supply pipe, preventing wetting of the pipe and dripping onto the plants below. SpinNet Sprinklers with Check Valve consist of a mist control, body and spinner.



**Red, Red, Grey, 23.4gph**  
**NET64200-001302** Min. Buy 1ea

**Brown, Brown, Green, 23.4gph**  
**NET64200-014005** Min. Buy 1ea



### Netafim™ VibroNet Sprinkler

Sprinkler with leak prevention device.



**Green with Check Valve - 11.7gph at 32psi**

**NET64300-005110** Min. Buy 1ea



### Netafim™ Female Sprinkler Adaptor

Used for connection to rigid pipe with .5in threaded connections and Netafim sprinklers.



**.5in Thread**

**NET63000-001210** Min. Buy 1ea



### Netafim™ Misting Head

VibroNet mister with 9.2gph at 32psi. Blue nozzle. Sold in packs of 25.



**Misting & Sprinkling Head - Blue Nozzle - 9.2gph at 32psi**

**NET64300-001010** Min. Buy 25ea

**Misting & Sprinkling Head - Green Nozzle - 11.75gph at 32psi**

**NET64300-005010** Min. Buy 25ea



### Netafim™ Hanging Assembly for Sprinklers, Misters or Foggers

For connection to polyethylene (PE) pipe. Sold in packs of 25.



**12in L**  
**NET63000-004070** Min. Buy 1ea

**18in L**  
**NET63000-004460** Min. Buy 1ea

**24in L**  
**NET63000-005870** Min. Buy 1ea

**30in L**  
**NET63000-006460** Min. Buy 1ea

**36in L**  
**NET63000-007170** Min. Buy 1ea

**48in L**  
**NET63000-008361** Min. Buy 1ea

**48in Extension Barb & Tube**  
**NET63000-008461** Min. Buy 1ea



### Netafim™ Meganet Sprinkler Stand

Stake adapter, female x barb connector and 1/2in FIPT.



**Connects to PE or Oval tube 8mm Barb**

**NET64520-002305** Min. Buy 1ea



### Netafim™ HF Vibro-Spray Sprinkler

1/2in female threaded connection.



**1gpm, 30psi**  
**NET60500-024470** Min. Buy 1ea





### Driplines

#### Netafim™ Space-It Dripline

Drip system for watering potted plants. It's a thinwall drip line with pre-spaced drippers designed to be placed directly over the top of pots with the location of each dripper visibly marked on the tubing. Positioning of the pots (plants) is quick and easy - just place the pot under the mark on the drip line - saving up to 20% in installation labor costs.



**12in Spacing / 8ml / .2gph / 9,000ft per Roll**  
**NET16424-000055** Min. Buy 1ea

**18in Spacing / 8ml / .4gph / 9,000ft per Roll**  
**NET16424-000058** Min. Buy 1ea

*Custom Run: Minimum Order of 20 Rolls*

**9in Spacing / 8ml / .4GPH / 9,000ft per Roll**  
**NET16523-000107** Min. Buy 1ea

**14in Spacing / 8ml / .4gph / 9,000ft per Roll**  
**NET16424-000056** Min. Buy 1ea

**20in Spacing / 8ml / .4gph / 9,000ft per Roll**  
**NET16424-000059** Min. Buy 1ea

**22in Spacing / 8ml / .4gph / 9,000ft per Roll**  
**NET16523000135** Min. Buy 1ea



### Thinwall Dripline Fittings - TWD

#### Netafim™ TWD Fittings With Blue Rings

Thinwall dripline fittings - TWD.



**TWD Coupling**  
**NET32500-016770** Min. Buy 1ea



**TWD Line End**  
**NET32500-016490** Min. Buy 1ea



**TWD x 0.400 Barb and Grommet**  
**NET00115-005150** Min. Buy 1ea



**.636in**  
**NET00115-006251** Min. Buy 1ea

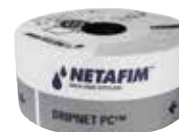


### DripNet PC - Anti Siphon

#### For Nurseries

Seedling Rows

15mil / .4gph / 18in / 3,200ft per Roll  
 15mil / .4gph / 24in / 3,200ft per Roll



*Please Call*  
 for pricing or more information

### Tubing

#### Netafim™ Super Flex UV White™ Polyethylene Micro-Tubing

Flexible tubing fully UV resistant. Made from the highest quality low density resins, the white tubing is opaque to prevent algae growth, withstand heat and harsh chemicals while producing cooler water temperatures.



**5/3mm - White 1,000ft per Roll**  
**NET40001-002500** Min. Buy 1ea



**5/3mm - Black 1,000ft per Roll**  
**NET40001-001980** Min. Buy 1ea



**Use with Spray Stakes**



**Tubing****Netafim™ Black Polyethylene Tubing**

Low density. To be used in irrigation systems.



**16mm / .52in Diam / Black / 100ft per Roll**

**NET19951-000093** Min. Buy 1ea

**16mm / .52in Diam / Black / 500ft per Roll**

**NET19951-000061** Min. Buy 1ea

**5/3mm - Black - 3,000ft per Roll**

**NET40001-002000** Min. Buy 1ea

**.75in / .82in Diam / Black / 100ft per Roll**

**NET19951-000025** Min. Buy 1ea

**.75in / .82in Diam / Black / 500ft per Roll**

**NET19951-000060** Min. Buy 1ea

**1in / 1.06in Diam / Black / 100ft per Roll**

**NET19951-000063** Min. Buy 1ea

**1in / 1.06in Diam / Black / 500ft per Roll**

**NET19951-000022** Min. Buy 1ea

**Tubing****Netafim™ Black Pre-Punched Tubing**

16mm tubing with pre-punched holes.



**18in / Black / 16mm x 1,000ft**

**NET19951-000101** Min. Buy 1ea

**24in / Black / 16mm x 1,000ft**

**NET19951-000028** Min. Buy 1ea

**36in Spacing, 1000ft roll**

**NET84520620-36** Min. Buy 1ea

**36in / Black / 3/4in x 500ft**

**NET19951-000113** Min. Buy 1ea

**36in / Black / 1in x 500ft**

**NET19951-000051** Min. Buy 1ea

**Custom Run: Minimum Order of 20 Rolls**

**12in Spacing, 1000ft roll**

**NET8452062012** Min. Buy 1ea

**Netafim™ Pre-Cut Super Flex UV White™**

Netafim Polyethylene Tubing is made from quality low density polyethylene resins. With Netafim's stringent quality controls, every coil undergoes a battery of tests and over 30 quality checks before leaving the factory. This means you'll receive the highest quality product with each and every coil. A soft, 5/3mm tubing with improved flexibility and all the advantages of PE tubing - UV resistant, completely opaque to prevent algae growth and able to withstand heat and harsh chemicals. The 5/3mm tubing is used with all dripper and spray stake assemblies.



**White - 5/3mm / Pre-Cut 36in Lengths - Sold in Packs of 100 / 3mm Inside Diameter, 5mm Outside Diameter**

**NET40001-003200** Min. Buy 1ea

**Netafim™ Bright White Polyethylene Tubing**

With excellent Ultra-Violet (UV) resistance, our reflective white tubing is co-extruded to prevent algae growth. It withstands heat, direct sun and harsh chemicals while producing cooler water temperatures enhancing plant growth. This white PE tubing compliments our complete line of distinctive white components and tubing. Netafim Polyethylene Tubing is made from quality low density polyethylene resins. Black inside, white outside.



**16mm / .52in Diam / White / 1000ft per Roll**

**NET19951-000033** Min. Buy 1ea

**3/4in / .820in Diam / White / 500ft per Roll**

**NET19951-000034** Min. Buy 1ea

**16mm / .52in Diam / White / 500ft per Roll**

**NET19951-000036** Min. Buy 1ea

**1in / 1.06in Inside Diameter, 1.200in Outside Diameter / 0.070in**

**Nominal Wall Thickness / 47psi Maximum Working Pressure / 500ft per Roll**

**NET40510-000108** Min. Buy 1ea

**Pressure Regulators****Netafim™ Pressure Regulator**

Pressure Regulators are manufactured with non-corrosive, high quality plastic and brass, that withstands all fertilizers and chemicals in common use providing years of trouble-free operation. The one-piece sealed regulating unit - different for each pressure option - is field replaceable and easy to maintain. Instant response to variations in pressure assuring that outlet pressure will remain constant regardless of inlet pressure. Non-corrosive, high quality plastic and brass bodies withstand commonly used fertilizers and chemicals. Sealed regulating unit with stainless steel spring and a screw are field replaceable and easy to maintain.



**3/4in / 35psi / Low Flow .25-4.5gpm**

**NET31000-001200** Min. Buy 1ea



**3/4in / 35psi / 5-18gpm**

**NET30500-001600** Min. Buy 1ea



**1.5in / 12psi / 11-35gpm**

**NET30520-001100** Min. Buy 1ea



**1.5in / 35psi / 11-35gph**

**NET30520-001600** Min. Buy 1ea

**Netafim™ Oval Tubing**

Netafim Oval Tube is a durable and reliable round manifold which unfolds for easy installation and rolls up for relocation. Tubing is black in color with white stripes.



**1.5in, 42psi**

**NETOT 1.50-42-350W** Min. Buy 1ea

**1.5in / 42psi / 350ft per Roll**

**NET43001-000029** Min. Buy 1ea

**2in / 42psi / 250ft per Roll**

**NET43001-000031** Min. Buy 1ea







### Tools and Accessories

#### Netafim™ 3mm Plastic Punch

For use with all Netafim Drippers and Sprinkler Hanging Assemblies.



**3mm Blue**

**NET45000-001200** Min. Buy 1ea



#### Netafim™ 3mm Plastic Punch

For use with Netafim thinwall tubing connectors with a .400in barb.



**8mm**

**NET45000-001450** Min. Buy 1ea



#### Netafim™ Drill Bit

Use this drill bit to make a proper sized hole in the PVC Pipe Header. With correct hole size, the grommet and insert adapter will install easily and stay in place for long term operation.



**16.5mm**

**NET45000-002750** Min. Buy 1ea



#### Netafim™ Retrofit Adapter

Connects Netafim head assemblies to other manufacturer's fitting.



**Female x Female/Dan to Micronet**

**NET63000002515** Min. Buy 1ea



#### Netafim™ Weight

Has a shut-off feature.



**Red / Plastic**

**NET32000-002220** Min. Buy 1ea



#### Netafim™ Shut Off

Shut off cap for woodpecker dripper



**NET32000-001435** Min. Buy 1ea



#### Netafim™ Grommet

Net grommet



**Use with 1.5in or larger PVC**

**NET00115-000500** Min. Buy 1ea



#### Netafim™ Plug

Replaces sprinkler/mister



**100/bg**

**NET63000-002420** Min. Buy 1ea



### Water Filtration Systems



**Corrosion-Proof  
and Flushes at Low  
Pressure!**

#### Amiad® Mini Sigma Filter

Automatic self-cleaning filter for irrigation system, flushes at low pressures. Easy maintenance, corrosion-proof, excellent mechanical strength and low pressure loss. Can be used in a variety of systems.



**2in Mini Sigma Angle or On-Line, 80-500 micron**  
**AMIAD55000000002** Min. Buy 1ea

**3in Mini Sigma Angle or On-Line, 80-500 micron**  
**AMIAD55001000003** Min. Buy 1ea

**4in Mini Sigma Angle or On-Line, 80-500 micron**  
**AMIAD55002000018** Min. Buy 1ea



#### Amiad® Scanaway Filter

Semi-automatic filter eliminates the need for turning off the water and extracting the filter screen for rinsing. Provides low pressure loss with no interruption of the process water flow during cleaning. Fitted with a "Clogging Indicator".



**2in, 155 Mesh, 100 micron, Yellow**

**AMIAD30002000025** Min. Buy 1ea



#### Amiad® Filter with Valve

Plastic filter for irrigation system. Easy maintenance, corrosion resistance, excellent mechanical strength and low pressure loss. Can be used in a variety of systems.



**1in, 120 Mesh, 130 Micron, Red**

**AMIAD1-1201-1151-1013** Min. Buy 1ea

**3/4in, 155 Mesh, 100 Micron, Yellow**

**AMIAD1-703-4151-8010** Min. Buy 1ea



#### Amiad® Ball Valve Shut Off

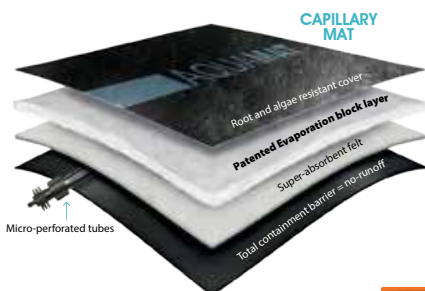
Controls water flow in the irrigation system. Can be used in a variety of systems.



**.75in - Blue**

**AMIAD8-1000-0101** Min. Buy 1ea





**Labor savings**



**Reduce water consumption**



**Faster plant growth**



«Aquamat® has been a great tool for us: labor and water savings, less foliar diseases and flower damages, less shrinkage while having a consistent crop and a faster growth.»

Rob Swanekamp  
V.P. Sales and Production  
Kube-Pak Growers  
Allentown NJ

[aquamatsystem.com](http://aquamatsystem.com)



*Please Call*  
for pricing or more information





*Please Call*  
for pricing or more information

### Conservation Systems

#### FOGCO Systems

FOGCO products are becoming standard equipment for all greenhouse applications. FOGCO has become an industry leader in humidification, cooling, by developing innovative products to meet environmental needs.

Fog systems are proven to positively impact growing operations by regulating the temperature, humidity, and moisture content within the greenhouse. Fog systems are ideal for addressing and correcting the problems associated with high temperatures and/or low humidity levels. This promotes increased health and productivity within the greenhouse by eliminating "plant water stress, one of the most significant factors in the growth of all plants. Plants lose their moisture through evaporation from the leaves. They also gather carbon needed for growth in the form of carbon dioxide through the leaves. By controlling the plants' pores through the use of a properly designed fog system, the results are stronger and healthier plants with optimum growth potential. Fog systems can also be used to introduce fertilizers by injecting nutrients directly into the atmosphere. The moisture and the nutrients are absorbed by the leaves of the plant. Fogco also provides odor mitigation systems for operations regulated by odor compliance.

#### Features:

- Revolution Fan system provides 360 degree fog distribution.
- Ensures proper humidity levels
- Reduces demand for moisture
- Maintains favorable conditions
- Creates in-house propagation stock
- Reduces need for shading/whitewashing
- Reduces irrigation/water consumption



### Tubing and Assemblies

#### Jain Tube Weight Assembly

Ideal tubing for all your pot irrigation applications. Tube assembly comes with butterfly, barb and stabilizer.



**12in**

**JAINP11997140** Min. Buy 1ea

**24in**

**JAIN11997143** Min. Buy 1ea

#### Jain Chapin On/Off Tube Weight Assembly

Ideal tubing for all your pot irrigation applications. The slender design makes it easy to pull in and out of pots, you can even remove the pots allowing the weight to remain without damaging the plants. The twist-on / twist-off action makes it easy to turn the weights on and off without kinking or damaging the tubing.



**18in, .060 Inside Diameter, 128x060-PE Tubing / 100pk**

**JAIN12771218** Min. Buy 1ea

**24in, .076 Inside Diameter, 128x076-PE Tubing / 100pk**

**JAIN12771324** Min. Buy 1ea

**24in, .060 Inside Diameter, 128x060-PE Tubing / 100pk**

**JAIN12771224** Min. Buy 1ea

**36in, .060 Inside Diameter, 128x060-PE Tubing / 100pk**

**JAIN12771236** Min. Buy 1ea

**36in, .076 Inside Diameter, 128x076-PE Tubing / 100pk**

**JAIN12771336** Min. Buy 1ea

**48in, .076 Inside Diameter, 128x076-PE Tubing / 100pk**

**JAIN12771348** Min. Buy 1ea

**60in, .060 Inside Diameter, 128x060-PE Tubing / 100pk**

**JAIN12771260** Min. Buy 1ea







## Sprinklers and Accessories

### Jain DAN Modular Micro Sprinkler & Sprayer Group

A wide range of Micro Sprinklers and Sprayers which covers the demanding needs of an energy efficient yet extremely consistent irrigation system. The DAN Modular Group Sprinklers and Sprayers consists of a common bridge or body with multiple options for nozzle size, spray pattern, droplet size and mounting options.

- Green nozzle/green antimist 11GPH at 30PSI
- Orange nozzle/Orange Antimist 19GPH at 30PSI
- Yellow Nozzle/Yellow Antimist 25GPH at 30PSI
- Blue Nozzle/Blue Antimist 33GPH at 30PSI



#### Black-Green with LPD

**JAIN16119200** Min. Buy 1ea



#### Black-Yellow, No LPD Included

**JAINP16116600** Min. Buy 1ea



#### Black-Orange with LPD

**JAINP16119500** Min. Buy 1ea



#### Green Kiwi-Orange with LPD

**JAIN16159500** Min. Buy 1ea

### Jain Dan Mini Sprinkler

Manufactured from good quality virgin raw material, easy to install, reliable performance, interchange ability of nozzle and good application efficiency. Includes LPD (leak prevention device).



#### Yellow-Green with LPD

**JAIN16179200** Min. Buy 1ea

### Jain Modular Group Bridge

Components of Jain drip irrigation.



#### 100pk

**JAINP11850600** Min. Buy 1ea

### Jain Dan 4-Way Cross For Foggers

Jain Dan 4-way connector for foggers.



**JAIN17081014** Min. Buy 1ea



### Jain Hole Punch with Replacement Tip

Components of Jain drip irrigation.



#### 2.5mm. Ejector Style

**JAINP12071006** Min. Buy 1ea

### Jain Micro PE Black Tubing

Manufactured using Union Carbide materials that offer the exclusive Fingerprint® identification feature and contain a minimum of 2% carbon black for UV protection. Strict quality procedures ensure highest uniformity and product quality. 10 Year Warranty.



#### .128in x .060in, 2,500ft

**JAIN11190813** Min. Buy 1ea



### Jain Flex PVC Hose

Flexible Vinyl Pipe offers more flexibility, durability and shock resistance to an irrigation system than standard PVC pipe can provide.



#### 0.125in x 0.187in, 1,000ft per Roll

**JAIN71190591** Min. Buy 1ea

#### 0.276in x 0.158in, 1,000ft per Roll

**JAIN11190166** Min. Buy 1ea

### Jain Pressure Regulator

Components of Jain drip irrigation.



#### 1in, 35psi

**JAIN81-1035** Min. Buy 1ea

### Jain Threaded Coupling

Components of Jain drip irrigation.



#### 1/2in x 1/2in

**JAINP17097272** Min. Buy 1ea

### Jain Low Pressure Female LPD



#### Low pressure LPD

**JAIN11990308** Min. Buy 1ea

### Jain Compression Series 600 x Swivel Adapter with Screen

Historically one of the more popular emitterline fitting options, compression fittings are a quick, low cost alternative to a locking fitting. Jain compression fittings come with easy to reference color coded inserts to assist in determining size on an already installed system.



#### 3/4in F Hose SWVXCOMP 600-CHS-WS

**JAIN12010232** Min. Buy 1ea



# Lasco® Fittings, Inc.

## Fittings

### Lasco® Fittings PVC Insert Female Adaptor

PVC insert female adaptor, for cold water only.



.75in

LFI1435-007

Min. Buy 1ea

1in

LFI1435-010

Min. Buy 1ea



### Lasco® Fittings PVC Combo Insert Tee

Combo insert tee. For cold water only.



.75in x .75in

LFI1402-007

Min. Buy 1ea



### Lasco® Fittings PVC Insert Tee

Tee insert. For cold water only.



.75in

LFI1401-007

Min. Buy 1ea



### Lasco® Fittings PVC Insert Elbow

90 degree elbow. For cold water only.



.75in

LFI1406-007

Min. Buy 1ea



### Lasco® Fittings PVC Insert Male Adapter

PVC insert male adaptor, for cold water only.



.75in

LFI1436-007

Min. Buy 1ea

### Lasco® Fittings PVC Reducing male Adaptor

Insert reducing male adaptor, for cold water only.



1in x .75in

LFI1436-102

Min. Buy 1ea



### Lasco® Fittings PVC Reducing male Adaptor

Insert reducing male adaptor, for cold water only.



1in x .75in

LFI1436-131

Min. Buy 1ea

### Lasco® Fittings Female Insert

For cold water only.



.75in x .75in

LFIFHT-206

Min. Buy 1ea



### Lasco® Fittings Reducing Bushing

For cold water only.



1in X .75in

LFI439-131

Min. Buy 1ea

### Lasco Fittings Inserts Plug

For COLD Water Only - Do Not Use In a Dwelling.



.75in

LFI1449-007

Min. Buy 1ea



## Other Irrigation

### Phytotronics® Capmat™ II Capillary Matting

An economical yet highly efficient method to evenly water potted plants. Using an absorbent, resilient spunbond fabric, Capmat™ II Capillary Matting wicks water rapidly to the roots of the plant by capillary action. Besides saving time by watering all your plants at the turn of a valve, sensitive or delicate foliage is not spotted by overhead watering. Another advantage of capillary watering is that plants are not knocked over as they can be by overhead watering. Finally, capillary mat watering produces enhanced, uniform growth in a crop.



4ft x 100ft

PHT7000

Min. Buy 1ea



### Phytotronics® Electronic Leaf Mister

The E-Leaf controller is a simple and effective way to mist cuttings. It works on the principle of evaporation. The weight of mist on the metal screen controls solenoid operation. Housing made with durable stainless steel. Includes 20ft of 18/2 wire for solenoid valve connection.



PHT1400

Min. Buy 1ea



### Phytotronics® Hi-Hose Watering System

The Hi-Hose Watering System is a simple, efficient way to remove the drudgery of dragging a hose over paths and around plants. Includes hoses and all cable and fittings.



75ft System with 90ft 5/8in hose

PHT6322

Min. Buy 1ea



# Rusco

# Signature Control Systems

## Filter

### Rusco Spin-Down® Filter

Highly flexible filters designed to be utilized in a wide variety of applications from household well water systems, geothermal heating, or lawn and turf, all the way to factories, livestock feeding systems or advanced liquid cooling systems.



**1.5in 140 mesh**  
**RUSCO1-1/2-140-F** Min. Buy 1ea

**5.5in W x 17.875in L / Flow capacity 18-100gpm / Max pressure 150 PSI / Port size 2in slip, 140 Mesh**  
**RUSCO2-140-F** Min. Buy 1ea



## Irrigation Components

### Signature Control Systems® Yellow Whiz Head

When you need a large volume of water with large water droplets in 40 foot radius. Ideal for riser installs in planting areas.



**1/2in Female Threads / 40in Diam Coverage / 3.4 -4.4gpm Flow**  
**SCS1973** Min. Buy 1ea



## Storm Manufacturing Group, Inc.

## Other Irrigation

### Superior® Sterling Controller

Six independent programs that can run concurrently. Station timing adjustable from 1 minute to 24 hours in 1 minute increments. For misting applications, the time base in all six programs can be changed to seconds/minutes so that station timing is adjustable from 1 second to 24 minutes in 1 second increments. Up to 9 cycle start times per program; or, for misting applications, loop programming for unlimited cycles that can repeat immediately or after a programmed delay of 1 minute to 4 hours. Cycling can be started and stopped manually as well as automatically. Optional 78 VA transformer enables six 4-watt solenoids to operate simultaneously.



**12 stations**  
**SUPSTERLING-12** Min. Buy 1ea

**18 stations**  
**SUPSTERLING-18** Min. Buy 1ea







## Pressure Regulators

### Senninger® Pressure Regulators

Uncontrolled pressure fluctuations into emission devices result in unwanted flow deviations and lower distribution uniformities. Common causes of pressure variation include changes in system demand and/or water supply and friction loss through pipe and fittings. Proper use of pressure regulators helps maintain the overall efficiency of an irrigation system and sprinkler performance.

- Above or below ground installation
- Maintains a constant preset outlet pressure with varying inlet pressures
- Withstands severe water hammer
- Low hysteresis and friction loss
- Maximum flow path resists plugging
- 100% pressure tested for accuracy (no adjustments ever needed)



Item #	Flow Range	Preset Operating Pressure	Max Inlet Pressure	Inlet Size NPT (F)	Outlet Size NPT (F)	Flow	Barcode
SENNPRL123F3F	0.5 - 8GPM	12PSI	90PSI	3/4in	3/4in	Low	
SENNPMR15MF	2-20GPM	15PSI	95PSI	3/4in	3/4in	Mid	
SENNPRL203F3F	0.5 - 8GPM	20PSI	100PSI	3/4in	3/4in	Low	
SENNPMR40MF	2 - 20GPM	40PSI	120PSI	1in BSPT	1in BSPT	Mid	

## Sprinklers

### Senninger® Sprinklers

The Senninger mini-Wobbler™ employs a unique off-center rotary-action as the standard Wobbler®. It provides instantaneous and extremely uniform coverage over a large diameter at low pressures. Creates droplets resistant to wind-drift and evaporation and is constructed entirely of engineering-grade thermoplastics for excellent corrosion resistance.

- Low evaporative loss
- Multi-level throw, approximate angle: 0° inverted, 10° upright
- Color-coded nozzles for easy size identification
- Flow rates: 0.42 to 2.18GPM
- Operating pressures: 15 to 25PSI
- Standard inlet: 1/2in NPT male



Item #	Model Type	Nozzle Color/Size	Flow Range	Pressure Range	Diameters of Coverage	Pattern Spacing	Connection	Barcode
SENNWOB06M250	Inverted	Gold #6 - 3/32in	1.10-1.25GPM	20-25PSI	31-31.4ft	Up to 12ft	1/2in M NPT	
SENNWOB08M250	Inverted	Lavender #8 - 1/8in	1.95-2.18GPM	20-25PSI	31.5-32ft	Up to 12ft	1/2in M NPT	
SENNWOB06M200	Upright	Gold #6 - 3/32in	0.95-1.25GPM	15-25PSI	39.5-42ft	Up to 20ft	1/2in M NPT	
SENNWOB04M200	Upright	Light Blue #4 - 1/16in	0.42-0.56GPM	15-25PSI	31-34ft	Up to 20ft	1/2in M NPT	

## Accessories

### Senninger® Drain Stop Plus™

Innovative three-in-one design. The multiple functions of Senninger's Drain Stop Plus make it an excellent choice for overhead irrigation! Specially designed for overhead irrigation to prevent draining from applicators when system is shut down. Protects plants beneath applicators from damage due to overwatering. Allows lines to remain full to help expedite system start-up time. Twist dial to select: Check-Open-Closed. Easy-clean feature for debris removal. High-impact, engineering-grade thermoplastic construction for durability.



0.25-5gpm

SENNDSP2M2F

Min. Buy 1ea



# Stuppy Inc.

## Other Irrigation

### Stuppy Aqua Turret

Stuppy Aqua Turret has a broad fan shaped spray pattern that waters a large area around the base of the plant without washing out packing soil. It is designed with three orifice pins of different sizes for low, medium, or high volume. The turret assures equal volume and distribution of water and liquid feed to each plant, cuts labor, and maintenance costs to a minimum. It is perfect for use in large hanging baskets, nursery containers, and field stock.



**100 per Case**

**STU6274**

Min. Buy 1ea

## The Specialty Manufacturing Co.

### Other Irrigation

#### Specialty Mfg Plastic Shutoff

Economical shut off to be used on the end of a hose to allow full control of your water flow.



**.75in Thread**

**SMC3548**

Min. Buy 1ea



### Other Irrigation

#### Walter Gogel Co Adjustable Irrigation Clamp

Metal clamp that adjusts tightly onto any irrigation project that needs to be secured. Works with both 3/4in and 1in tubing.



**GOGL35245 OR 600-016**

Min. Buy 1ea



# GrowerSelect®

## Support Rails

### Aluminum Casing

#### Grower Select® Aluminum Casing

This product is used by inserting 3/4 inch polyethylene irrigation tubing into the casing for mounting in your greenhouse structure to allow for a clean and straight run.



**3/4in x 100ft**

**GSS13695 100IN** Min. Buy 1ea

**1in x 100in**

**GSS13692** Min. Buy 1ea

#### Grower Select® Round Galvanized Tubing Support Rails

Components to be used for greenhouse structures or for benching. Many sizes to choose from to create the layout of your choice.



**17ga, 1.315in x 120in**

**GSB08630** Min. Buy 1ea

**17ga, 1.315in x 126in**

**GRFSB08630** Min. Buy 1ea

**17ga, 1.315in x 180in**

**GSB08650** Min. Buy 1ea



### Nozzles & Wands

#### Gardener Select® Deluxe Shower Head Watering Wand

The Gardener Select Deluxe Shower Head Watering Wand. Includes removable micro hole disc and foam grip with filter.



**24in**

**GSARH24SWN** Min. Buy 6ea



#### Grower Select® Square Galvanized Tubing

Components to be used for greenhouse structures or for benching. Many sizes to choose from to create the layout of your choice.



**16ga, 1in x 48in**

**GSB07650** Min. Buy 1ea

**16ga, 1in x 96in**

**GSB07720** Min. Buy 1ea

**14ga, 1.25in x 60in**

**GSB07810** Min. Buy 1ea

**14ga, 1.25in x 168in**

**GSB07855** Min. Buy 1ea

