

APPLICATORS



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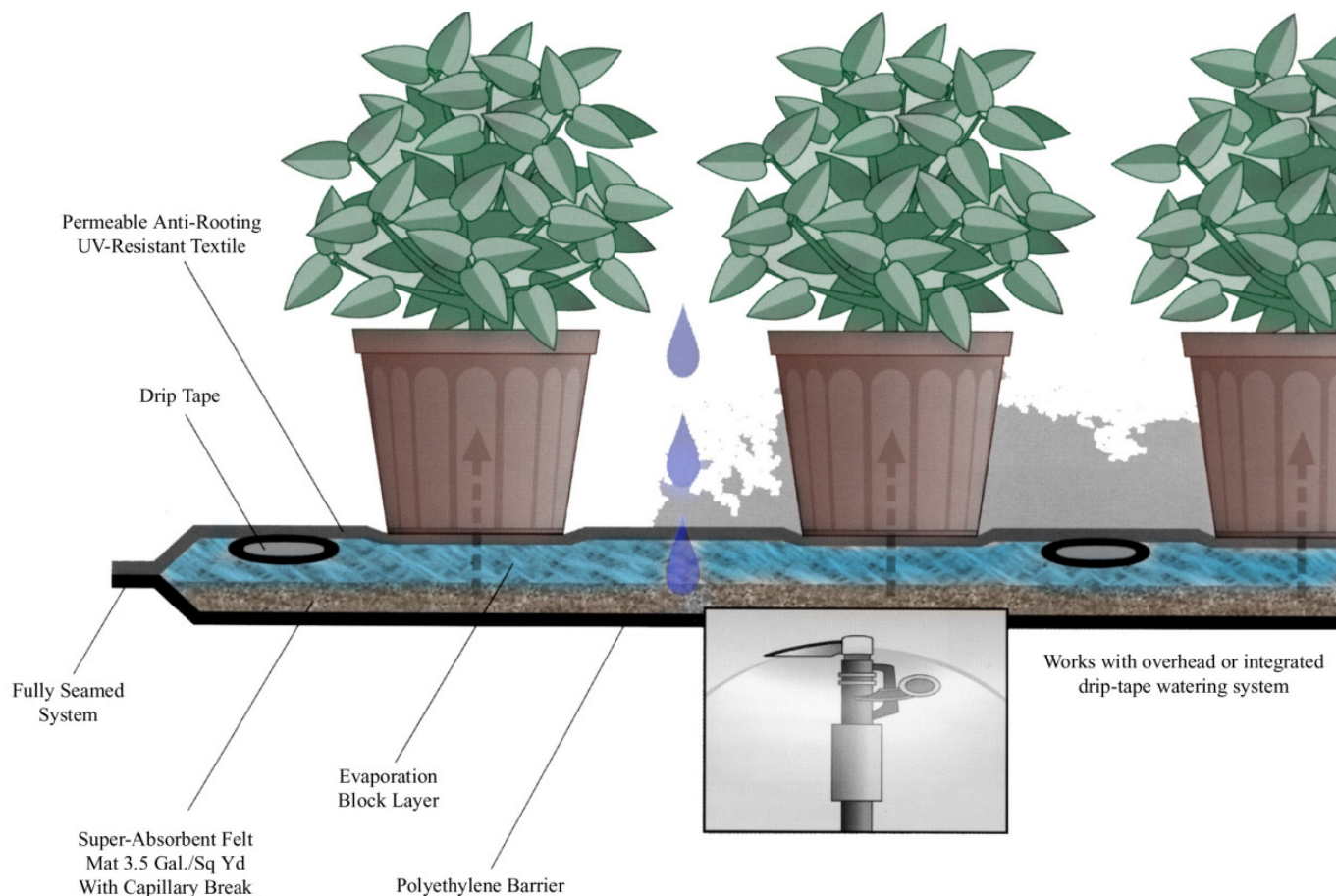
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The Aquamat® Irrigation System: A Vision of Growth Rooted in Efficiency

Introducing a new way to save water, accelerate crop growth and reduce labor costs

Improving crop growth while saving water and labor costs is a key to success in today's highly competitive horticultural industry. In response to the needs of nursery growers for greater productivity and uniformity in an environment where saving water is an increasing concern, Soleno Textiles, a leader in innovative technical textile products, has developed - in conjunction with researchers at the Mid-Florida Research and Education Center of the University of Florida and Laval University in Quebec, Canada - a revolutionary irrigation system that effectively meets the needs of potted plant producers. This unique watering mat, available from American Clay Works in custom sizes, uses less than 50% of the water required by conventional systems. Most runoff is eliminated and labor costs are decreased. Call American Clay Works for more information about this extraordinary advancement in watering technology.





DRAMM

Dramm offers a full line of chemical application equipment. They have produced and sold specialty spray equipment for greenhouses for over 30 years. Dramm believes that there is no "one-way" to spray. As a result, they manufacture and sell more than 35 different machines for the greenhouse and nursery industry.

Heavy-Duty MSO Sprayer

The Dramm MSO Heavy Duty Sprayer is a powerful and compact hydraulic sprayer designed to apply all formulations of chemicals. The MSO offers a fully adjustable pressure regulator with a maximum pressure of 500psi. Combined with the MS-TG trigger gun and the pump output of 1/2 gpm, the MSO creates a very fine spray for even coverage. The included trigger gun offers an adjustable pattern that will spray from a 20 foot straight stream to a 10 foot mist cone.

The MSO is available in several models. The base unit includes the pump, 33 foot discharge hose and the suction and bypass hoses (model MSO). Additionally, the MSO is available with a 20 gallon cart and tank (pictured right). The 20 gallon model is available with either 33 feet of hose (model MS20-33) or with 100 feet of hose and a hose reel (model MS20-100).

The hose reel and cart assembly may also be purchased independently (model MS-R and MS-20E). Finally, a telescoping spray wand (model L-5) is also available. Clean up is easy and maintenance is simple. The MSO uses oilless bearing and stainless steel pump parts. The Dramm MSO Heavy Duty Sprayer is backed by a 6 month parts and labor warranty. Let the Dramm Heavy Duty Sprayer be your workhorse.

- Fully adjustable pressure
- Trigger Gun with adjustable spray pattern and output rates
- Solid bronze pump construction with oilless bearings
- Applies most chemical formulations
- Optional cart, model MS-20E
- Bottom draw conversion kit
- Optional hose reel (on model MS20-33)
- Optional telescoping spray-wand
- 20 gallon solution tank
- 20 1/2" wide with 10" rubber wheels



Power Supply	Horse Power	Maximum Pressure	Maximum Discharge Rate	RPM	Bearings	Drive Systems	Pump Type
110V 60 HZ 200 Watts	1/4 h p	500 psi	0.5 GPM	1800 (no load) / 1740 (under load)	Oilless	Direct Drive	Plunger Style
Plunger Size	Spray Gun	Discharge Hose Length	Suction & Return Hose Length	Power Cord Length	Spray Distance		
Cylinder bore .984" - Stroke .157"	Adjustable output 0.0-0.5 GPM	33 feet or 100 feet	6 feet	8 feet	Stream: 20 feet / Mist: 8 feet		

Hydra Sprayer

The Dramm Hydra Multi-spray Hydraulic Sprayer is a high volume hydraulic sprayer capable of performing a variety of tasks. The Hydra is perfect for the application of insecticides, fungicides, growth regulators, fertilizers, disinfectants and other chemicals.

With a pump output of 4 gallons per minute, the Hydra offers enough volume to utilize a choice of guns and agitate the tank at the same time. The pump has a maximum operating pressure of 550 psi with a fully adjustable regulator. This allows for a variety of droplet sizes and spray distances. The Hydra uses a close-coupled pump to eliminate belt or chain maintenance and is run by a sealed 1.5 horse power electric motor.

The standard gun offers a choice of patterns with an output of 1.3 gallons per minute. Different nozzle tips are available for lower or higher flow rates. Other gun options include the Dramm L-5 Lance and the Dramm MS-Trigger Gun. The Hydra comes standard with a 50 gallon tank on a maneuverable cart with rear casters for easy turning when full. The unit includes 150 feet of hose on a variable drag reel.

- Close coupled pump & motor
- Triplex stainless steel piston
- Variable Tension Drag Convex Reel
- Click-Set pressure regulator
- Optional cart, model MS-20E
- Bottom draw conversion kit
- 50 gallon solution tank
- Solid Rubber Wheels
- Drain valve
- Anti-vortex baffle
- Forward motion gun
- 1.5 HP electric motor
- Long stroke length pump
- Sumped Tank



Voltage	Amperage	Maximum Pressure	Maximum Discharge Rate	RPM	Dimensions	Hose Length	Pump Type
115V/208-230v	13.6a/7.5-6.8a	500 psi	4 GPM	1750	L:50 W:27 H:50	150', 200', 250'	Triplex Piston Pump



Pulse Fog Bio

The PulsFOG rapidly applies chemicals as a fog. The ultra-fine cloud of droplets penetrates deep into the plant canopy covering all surfaces, ensuring excellent control of greenhouse pests and diseases.

The PulsFOG advantage is speed. With models that can treat 150,000 square feet in as little as 45 minutes, the PulsFOG makes quick work of chemical application.

For the application of heat-sensitive products and biological formulations, Damm offers the BIO PulsFOG units. These fogger utilize a second solution tank and a second set of injection nozzles. The second tank is filled with water which is used to cool the exhaust, allowing for heat-sensitive products to be used.



PulseFog Model	Weight Empty	Output Time	Distance Chem Propelled	Chem Tank Capacity	Fuel Tank Capacity
K-50 Large Bio PulsFOG®	99.2 lbs	60-150L/hr	393ft	2-30 liter tanks / 2-7.8 gal tanks	20 liters / 5.2 gal
K-3/20BIO 101 HP Non-Portable, 4 Nozzles	67 lbs.	60L/45 min	VK-1 200ft / VK-2 100ft	2-30 liter tanks / 2-7.8 gal tanks	2-20 liters / 2- 5.2 gal tanks

Auto-Fog

The Damm Autofog automatically sprays areas up to 70,000 square feet with no applicator present. The ultra-fine cloud of droplets penetrates deep into the plant canopy covering all surfaces, ensuring excellent control of greenhouse pests and diseases.

The Autofog saves time and money by eliminating the labor needed to spray while reducing the amount of chemical needed to control your pests. By creating billions of tiny spray droplets, the Autofog treats large areas with less chemical solution. Just set the timer, mix the chemical and leave. The Autofog does the rest. The next morning, ventilate the greenhouse, clean up the Autofog.

The Autofog is available as a complete unit or may be mounted in the greenhouse.



AutoFog Model	Coverage Area	Coverage Area (w/HAF)	Power	Description
MLVH-10A	Up to 5,000 sq ft.	Up to 7,000 sq ft.	120v AC	Sing Nozzle
SLVH-20A	Up to 12,000 sq ft.	Up to 26,000 sq ft.	120v AC	Air Assist

Hudson NeverPump™ Bak-Pak® Sprayer

- Lead acid battery sprays for 10 continuous hours on a single charge
- Extra large fill opening prevents spills when adding chemical
- Bonus nozzle system includes 4 different nozzles (adj. long reach, double cone, flat fan, shower)
- Extra long 20" fiberglass/poly spray wand
- 72" PVC power sprayer-style hose
- Locking poly control valve — comfortable, thumb operated
- Includes AC charger that completely charges battery in 9 hours
- Chemical-resistant straps with adjustable pads



Item Number	Tank Volume	Weight	Carton Dimensions
HS13854	4 gal / 15 liter	19.4 lbs	22.65" H x 15.75" W x 7.66"D

Stuppy's Aqua Turret

An Improved Way to Water Efficient: Broad fan-shaped spray pattern waters large area around base of plant without washing or packing soil.

Low Cost: One "Aqua Turret" does the work of three individual watering devices. It is designed with three orifice pins of different sizes for low medium or high volume.

Ease of Installation: Aqua Turrets complete with pre-cut tubing and inserts require no drilling or cementing.

Quality Parts and Workmanship: Assures equal volume and distribution of water and liquid feed to each plant, cut labor and maintenance costs to a minimum.



Aqua Turret	.150 I.D. Leader Tube	.150 I.D. Brass Insert	.150 I.D. Installation Tool
Item Number: SI6274	Item Numbers: SI6233 (1000ft) / SI6236 (4000ft)	Item Number: SI6225	Item Number: SI6228S



Fogg-It Nozzle

All bronze. Gives a fine mist. A great aid in watering cuttings and delicate stock and hand misting. Available in 4 volumes.



Item Number	Color	Coverage Area (w/HAF)
FN.5GPM	Green	Superfine 1/2 GPM
FN1GPM	Purple	Fine 1 GPM
FN2GPM	Orange	Low Volume 2 GPM
FN4GPM	Blue	Heavy Volume 4 GPM

1/4 Turn Shutoff Valve

Machined from solid brass or durable plastic. Set with Quad ring and "O" ring pressure seals. All threads are 3/4".



Item Number	Description
DC#300	#300 Brass Shut-Off, 3/4 Female Hose Thread to 3/4 Male Hose Thread
DC#74	#74 Plastic Reinforced Shut-Off, 2/4 Female to 3/4 Male Hose Thread



Number 400 Water Breakers Lemon Head 750 Water Breaker Red Head 1000 Water Breaker

Breaks the water pressure and gives a fine even spray. Excellent results.

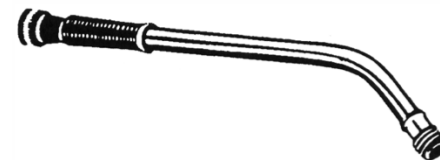
Item Number	Description
DC400A	Aluminum 400 Hole
DCC400PL	Plastic 400 Hole
DC750PLC	Plastic 750 Hole
DC1000	Plastic 1000 Hole



Number 170 Water Breaker

A special breaker for watering pots. Made of lightweight aluminum w/a rate of flow of 7 1/2 gallons per min. It concentrates a soft flow of water in a small area which will not wash away soil from the pot nor disturb delicate plants.

Item Number	Description
DC170	All Aluminum
DC170PL	Plastic Body



Extension Handle

Lightweight aluminum handle will permit easier watering in hard-to-reach areas. 3/4" diameter with a bend of approximately 65 degrees at the male end. Rubber grip.

Item Number	Size
DC116-G	16"
DC124-G	24"
DC136-G	36"
DC136-GB	36"-120 degree bend
DC148-G	48"
DC148-GB	48"-120 degree bend

Heavy Duty Commercial Hoses - Custom Made - Red

Custom made commercial grade hoses for water, air or steam are available in all diameters and lengths. The hose fittings are made with corrosion resistant brass for long life and durability. Bulk reels are available with fittings (male, female and ferrules) as well as hose crimpers and die sets for installation.

Item Number	I.D. Inches	O.D. Inches	Working Pressure	Approx. Wt. Per Cubic Ft.	Length
GAGH5850	5/8	15/16	200 psi	23.2	50 ft.
GAGH58100	5/8	15/16	200 psi	23.2	100 ft.
GAGH3450	3/4	1 1/8	200 psi	33.5	50 ft.
GAGH34100	3/4	1 1/8	200 psi	33.5	100 ft.



Hozon Hose Attachment

Attaches between hose and faucet. Suction tube is dripped into bucket of solution fertilizer which is drawn in and safely diluted and applied while you water. Hozon will draw up to one gallon of concentrated solution in about 5 minutes. This item is high quality and made in America by Phytotronics, not the lesser quality imitation.



Item Number	Description	Dispensing Rate	Weight
PT00002 - Regular	1:16 - 3' Hose w/Strainer	1 Gallon per 3-5 min	1.76 ounces



Creating the right nutrient mix for your hydroponic growing operations is a delicate science. With Dosatron's full line of injectors, you can automate your process to create fine-tuned, multi-chemical mixes with repeatable results, every time!

The Dosa-Cart System

The Dosa-Cart System is simply the easiest and most convenient way to fertilize and treat your plants...while you water. The Dosa-Cart system keeps your profits blooming!

Portable

- Designed for excellent stability.
- Pneumatic tires roll easily over rough surfaces.
- Ergonomic-design kickplate for easy counterbalancing of fully loaded cart.
- Dosa-Cart goes where you need it

Easy To Use

- 12 gallon tank has pitched base with bottom cleanout valve, just rinse and drain.
- Tank designed to avoid leaks or spills - High impact plastic with threaded cap.
- Push-on - pull-off hose couplings.
- Measures in liters and gallons.



Accurate

- Dosatron injectors provide a constant ratio, despite variations in water flow.
- Simple fertilize adjustments with dial-in ratios.

Built To Last

- Heavy steel welded construction
- Cold rolled steel axels for superior strength
- Rust inhibiting electrostatic enamel finish

Tank Size	Cart Construction	Tire Size	Cart Dimensions
15 Gallons	Polyethylene (clear)	10" no-flat tires	45.5"H x 16"W x 20"D
Additional Features	Compatible Injectors	Part Number	Recommended Accessories
Crash bar, clean-out valve	7 GPM, 11 GPM, 14 GPM	HS15-16	Quick Hook-Up Kit

Filter Kits: Dosatron requires that a filter kit be installed with every injector is void. There are 3 available.

Product Number	Product
DIAKF5AP11	3/4" Filler Kit 200 Mesh
DIAKF5AP20	1" Filler Kit 200 Mesh
DIAKF5	1 1/2" Filter Kit 200 Mesh

DosaCart Hookup Kits

Product Number	Description
HSPK58	7, 11 and 14 GPM (Hook-Up Kit only)
HSPKD45	20 GPM (Hook-Up Kit only)
HSPK58-PAA	7, 11 and 14 GPM (Hook-Up Kit only)



Dosatron International Fertilizer Injectors

Non-Electric Fertilizer Chemical Injectors

Pipe Size	3/4" NPT Thread
Size	18.5"H x 6.25"W
Weight	6 lbs.
Accessories	Mounting bracket, suction hose with strainer and weight, operating manual
Other	Corrosive materials units also available

14 GPM



Pipe Size	3/4" NPT Thread
Size	21"H x 6 5/16"W
Weight	6 lbs.
Accessories	Mounting bracket, suction hose with strainer and weight, quick start guide

14 GPM (MZ3000)



Pipe Size	1" NPT Thread
Size	24"H x 7.5"W
Weight	8 lbs.
Accessories	Mounting bracket, manual bypass suction hose with strainer and weight, operating manual
Other	Side injection models also available

20 GPM





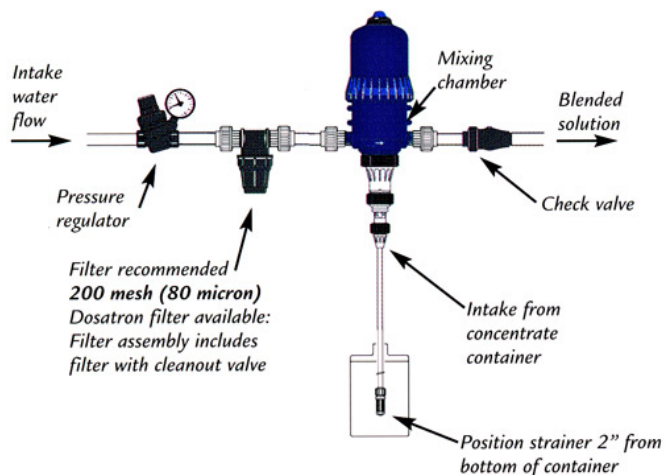
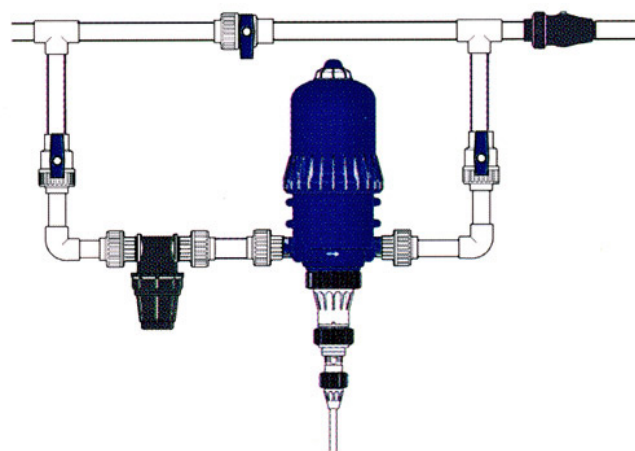
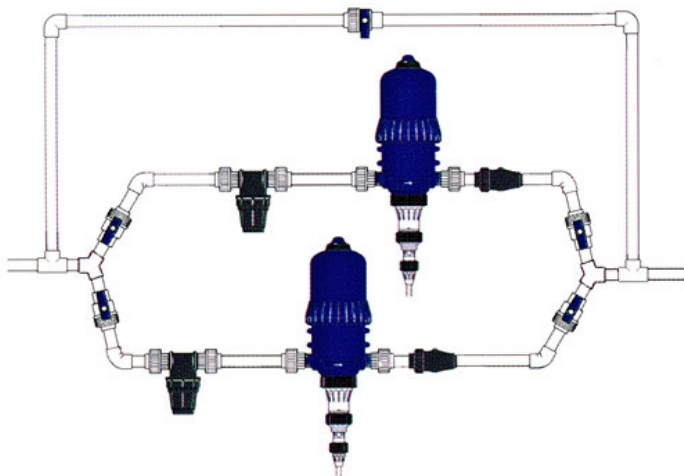
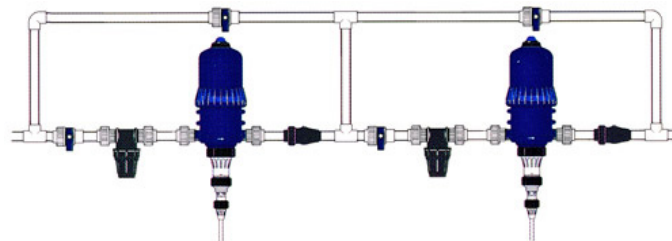
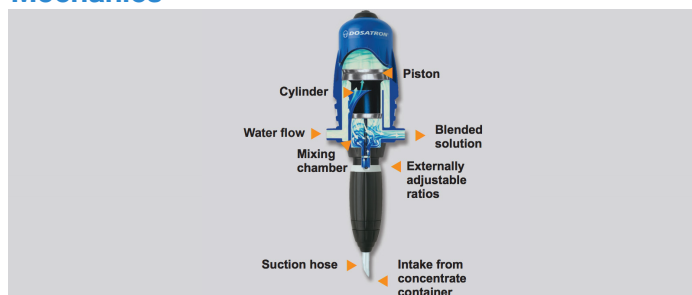
Pipe Size	1 1/2" PVC
Size	23"H x 12"W
Weight	12 lbs.
Accessories	Mounting bracket, manual bypass suction hose with strainer and weight, bypass hose operating manual

40 GPM

Pipe Size	2" PVC
Size	55"H x 15"W
Weight	47 lbs.
Accessories	Set of legs, manual bypass suction hose with strainer, vacuum breaker, operating manual

100 GPM

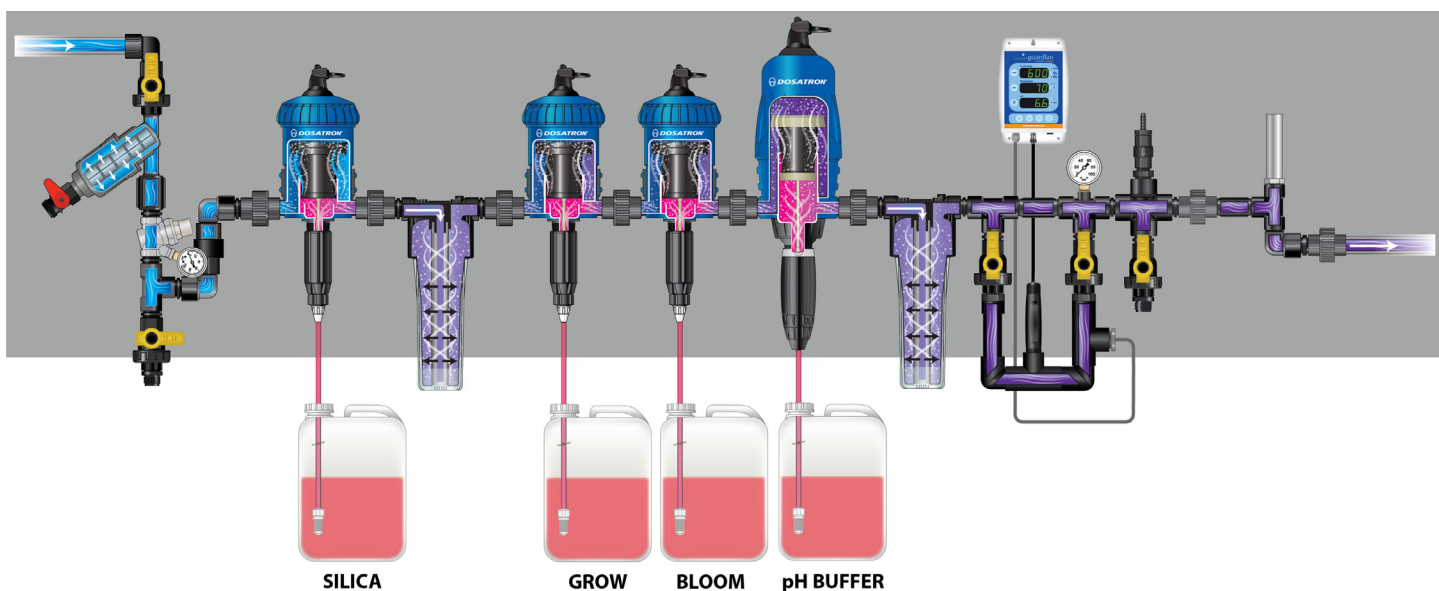
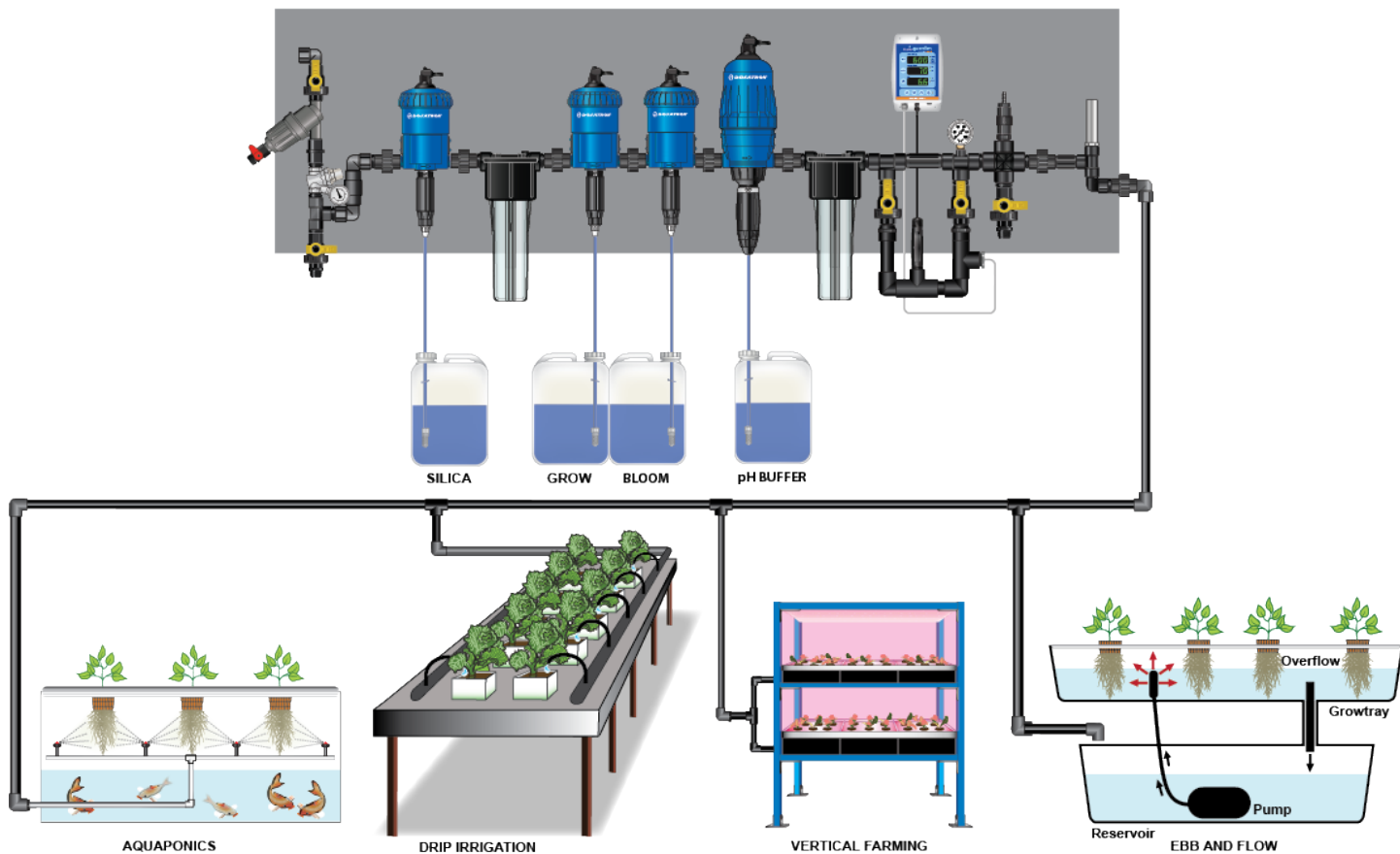
Maximum Flow Rate	Flow Range (Gallons Per Minute)	Pressure Range	Ratios	Percent
14 GPM	0.05 to 14 GPM	4.3 to 85 psi	1:500 to 1:50	0.2 to 2%
14 GPM (MZ3000)	0.05 to 14 GPM	4.3 to 85 psi	1:3000 to 1:333	0.03% to 3%
20 GPM	0.04 to 20 GPM	7 to 70 psi	1:500 to 1:66	0.2 to 1.5%
40 GPM	2.2 to 40 GPM	2 to 120 psi	1:500 to 1:50	0.2 to 2.0%
100 GPM	5 to 100 GPM	2 to 120 psi	1:500 to 1:50	0.2 to 2.0%

Standard Installation**Standard Bypass Installation****Parallel Assembly****Series Installation****Mechanics**



Nutrient Delivery System (NDS)

The Nutrient Delivery System is a simplistic system made up of four main panel sections which can be arranged to accommodate a wide variety of fertigation programs. With total control in mind, customizing the entire panel is easy based on your personal nutrient program! The Nutrient Delivery System thrives anywhere, from greenhouse environments to outdoors, allowing it to be installed in any application. And, by automating the nutrient delivery process it accurately dispenses the desired solution. This makes the time draining practice of “measure and pour” a thing of the past, saving you time and money!





Li'l Bud-D (5 Gallon)



The Li'l Bud-D cart is perfect for spot treatments and accommodates the 7, 11, and 14 GPM Dosatron injectors. Features include: made of polyethylene, includes cart and 5-gallon bucket with lid. (Dosatron Injector and Cart Hook-Up Kit Sold Separately.)

The Li'l Bud-D Hook-Up Kit makes cart set up easy and protects cart from tipping over. It includes: filter, stainless steel clamps, 5/8" hose, and adapters.

(Dosatron Injector and Cart Sold Separately.)

Part Number	Product	Description
HS15-5	Lil Bud-D	5-Gallon (Includes Cart and 5-Gallon Bucket with Lid)
HSPK58LB	Lil Bud-D Hookup Kit	7, 11 and 14 GPM (Hook-Up Kit Only)

Eco-Cart - 14 GPM (5-gallon)



The Eco-Cart provides quick-and-easy proportional on-demand dispensing for a great value and is perfect for garden centers, home gardens, and is ideal for spot treatments. This complete kit was designed for the 14 GPM-D14MZ2 and includes: cart, 5-gallon bucket with lid, D14MZ2 injector, and plumbing.

Part Number	Product	Description
HSECO-D14MZ2	Eco-Cart	5-gallon (Complete Kit: Cart, 5-Gallon Bucket with Lid, D14MZ2 Injector, and Plumbing)
HSECO	Eco-Cart (without injector)	Own a Dosatron? No Problem. Our Eco-Cart is available without the injector. (Includes: Cart, 5-Gallon Bucket with Lid, and Plumbing)

Eco-Cart - 11 GPM (5-gallon)



This Eco-Cart is perfect for the homeowner. It includes all you need to feed your flowers and plants. Designed with the 11 GPM-D25F1 (fixed 1:100), it includes: cart, 5-gallon bucket with lid, D25F1 injector, and plumbing.

Part Number	Product	Description
HSECO-D25F1	Eco-Cart	5-gallon (Complete Kit: Cart, 5-Gallon Bucket with Lid, D14MZ2 Injector, and Plumbing)
HSECO	Eco-Cart (without injector)	Own a Dosatron? No Problem. Our Eco-Cart is available without the injector. (Includes: Cart, 5-Gallon Bucket with Lid, and Plumbing)

Dosatron Proportioner



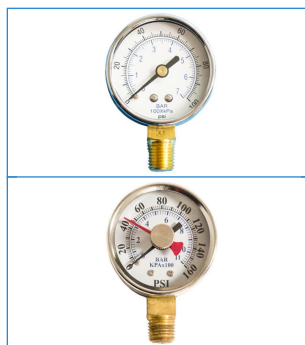
Dosatron's self-cleaning polypropylene proportioner features flow rates up to 2 GPM at 58 psi in washing mode and up to 13 GPM at 58 psi in rinse mode. Injection rate: 1:100 (1%) to 1:2.3 (43.6%).

A simple 1/4 turn of the bypass handle changes the function from dosing (washing and disinfection) to rinsing and a system of 12 color coded tips are provided for 13 possible injection rates. For easy maintenance, turn the handle 180 degrees to back flush mode.

Part Number	Product	Description
DSA-VENTURI	Proportioner	Dosatron Self-Cleaning Polypropylene Proportioner



Pressure Gauge



Part Number	Description
PG100	3/4" Pressure Gauge, bottom mount only, 1/4" MPT, 1 - 100 psi, 2" face, brass. This gauge is designed for use with gas, oil, and water or any medium not corrosive to brass or bronze
PG160-MP-T	Stainless steel Pressure Gauge with extra needle that remains at the maximum pressure that was reached. 2 1/2" face. 160 psi with max pointer.

Pressure Gauge Kit



Part Number	Description
PG100-34KIT	0-100 psi, 3/4" FPT
PG100-100KIT	0-100 psi, 1" FPT
PG100-150KIT	0-100 psi, 1 1/2" FPT

Water Hammer Arrestor



Water hammer is defined as: a pressure surge or wave caused when a fluid in motion is forced to stop or change directions suddenly. For installations with strong water hammer potential we recommend using a water hammer arrestor.

Part Number	Description
WHA34-SS	3/4" MPT x 6 1/2" tall, stainless steel water hammer arrestor. Normal operating pressure 35 to 500 psi. Spike pressure not to exceed 2,000 psi.
WHA100-SS	1" MPT x 7" tall, stainless steel water hammer arrestor. Normal operating pressure 35 to 500 psi. Spike pressure not to exceed 2,000 psi.

3/4" Totalizer Analogue Water Meter



Lightweight and versatile polymer water meter. Multijet with a maximum flow rate of 20 GPM.

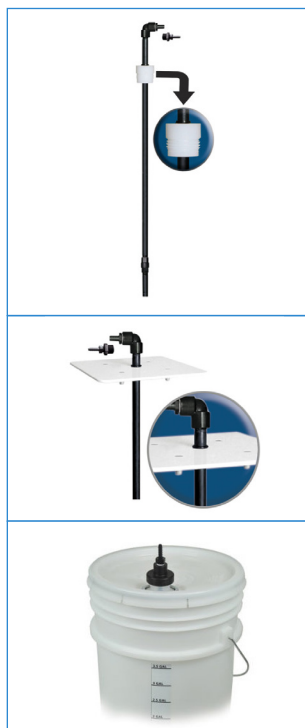
Part Number	Description
WM34	3/4" totalizer water meter, pulse valve is 1/10 gal (1 pulse per 10 gal), poly, lightweight analogue and reads gallons.
WM34-1PPG	3/4" totalizer water meter, pulse valve is 1/1 gal (1 pulse per 1 gal), poly, lightweight analogue and reads gallons.





ChemiStick Pickup Assembly

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The ChemiStick was designed to be used with either a barrel or tote and easily connects to existing pick-up tubes.

Part Number	Description
CS33	33" long with bung adapter for barrel
CS48	48" long with bung adapter for barrel
CS54	54" long with bung adapter for barrel
CSP48	48" long with tote plate cover
CSP54	54" long with tote plate cover
CS12-6	ChemiStick for 5-gallon bucket. Provides easy set up and is vented. Size: 1/4" (6mm). Universal fitting can be used with any 5-gallon bucket with spout. (5-Gallon Bucket and Lid Not Included.)
CS12-8	ChemiStick for 5-gallon bucket. Provides easy set up. Size: 5/16" (8mm).

Filters

All our filters include a cleanable, permanent, stainless steel filter. No replacement cartridges necessary.



Part Number	Description
AKF5AP11KIT-A	3/4" Filter Kit, 200 mesh/80 micron. Quick clean out valve, poly. Schedule 80 unions included. (Kit.)
AKF5AP20KIT-A	1" Filter Kit, 200 mesh/80 micron, poly. Schedule 80 unions included. (Kit.)
AKF5AP40-A	1 1/2", 200 mesh/80 micron, poly.
AKF5AP11T	3/4" FNPT T-shaped, space saving, filter, 200 mesh/80 micron. Fiber charged poly. The flush port can be adapted for clean out of the 3/4" FPT ball valve.
AKF5AP20T	1" T-shaped, space saving filter, 200 mesh/80 micron, fiber charged poly, industrial grade.
AKF5AP100-A	2" Filter, 200 mesh/80 micron, poly.
AKF5AP11T-V	3/4" T Filter, 200 mesh/80 micron, industrial grade poly. Small, compact filter - good for tight installations.







Etatron - Electric Chemical Dosing Pumps

The eOne Series Electronic Metering Pumps provide constant dosing, energy savings, and low operating temperatures resulting in reduced mechanical stress. They feature:

- Alarm to detect suction or discharge interruption
- Standard PVDF solenoid head
- Manual air bleed pump head for fast priming
- Equipped with ceramic ball valve
- 6.5 ft. suction height
- PVDF injection valves equipped with thread options: 1/2", 3/8" and m10 eOne Series
- Reduced operating temperature to increase reliability
- Low mechanical stress for better performance Compact design and uses approximately 60% less energy IP65 acid resistant housing
- Long lasting unique one piece PTFE diaphragm design 120 or 230 V - 50/60 Hz
- Works off water meters









	Product Name	Part Number	Description
	eOne Basic Dosing Pump	Contact Dilution Solutions, 800-523-8499, for your specific part #	<ul style="list-style-type: none"> • Manual flow rate adjustment 0 - 100% and 0 - 20% • Dosing frequency 180 impulses per minute
	eOne MA Dosing Pump	Contact Dilution Solutions, 800-523-8499, for your specific part #	<ul style="list-style-type: none"> • Manual flow rate adjustment 0 - 100% and 0 - 20% • High dosing frequency of 300 impulses per minute • Underload suction alarm • Overload discharge alarm • Low level input
	eOne MF Multifunction Microprocessor Dosing Pump	Contact Dilution Solutions, 800-523-8499, for your specific part #	<ul style="list-style-type: none"> • High dosing frequency of 300 impulses per minute • Backlit graphic display • Underload suction alarm • Overload discharge alarm • Flow sensor alarm • Low level input • Password protection • Flexible user-friendly interface • Programmable dosing from water meter signal • When used with a water meter the pump automatically adjusts the frequency of the dose based on the flow rate
	eOne Plus Microprocessor Dosing Pump	Contact Dilution Solutions, 800-523-8499, for your specific part #	<ul style="list-style-type: none"> • High dosing frequency of 300 impulses per minute • Backlit graphic display • Underload suction alarm • Overload discharge alarm • Flow sensor alarm • Low level input • Relay output • Password protection • Flexible user-friendly interface • Programmable dosing from water meter signal • When used with a water meter the pump automatically adjusts the frequency of the dose based on the flow rate • Ability to work off probes • Suitable for proportional and control applications pH, Rx, Cl, ppm monitoring









Foam Up Series

Our Foam Up Series creates foam without the need for compressed air! Use downstream from your Dosatron to create a wet or clinging foam that increases chemical contact time and effectiveness.

	Part Number	Description
	X400-108	Airless #10 foam nozzle, low-flow adjustable fan pattern, 1/2" FPT, 1 GPM at 40 psi, pump fed. Ideal for smaller close-up applications. Poly.
	X400-109	Airless foam wand, PP, 1.5 GPM at 40 psi, pump fed. 6' throw at 40 psi. Ideal for larger applications. Poly.
	X400-110	Airless foam wand, PP, 6.3 GPM at 40 psi, pump fed. Poly.
	X400-111	Airless #10 foam nozzle equipped with ball valve, poly, 1/2" FPT, 1 GPM at 40 psi with stainless steel ball valve, pump fed.
	X400-112	Airless foam wand, poly, PP, equipped with ball valve, 1.5 GPM, 6' throw, at 40 psi with stainless steel ball valve, pump fed.
	X400-113	Airless foam wand, poly, PP, equipped with ball valve, 6.3 GPM at 40 psi with stainless steel ball valve, pump fed. 20' throw at 60 psi.

Compact Airless Foamers/Sprayers

Designed to optimize the use of chemical and water, these compact airless foamers produce just the right amount of foam and include 20 colored tips that allow you to spray with 21 possible dilution rates. Creates clinging or wet foam. Quick disconnect, precision metering tips, durable, with machined polypropylene body and wand.

	Part Number	Description
	X400-122	Sprayer with a 22 oz. bottle, polypropylene body and wand. 1/2" supply line. Water pressure 20-100 psi. Water flow @ 40 psi - 2.3 GPM. Low flow.
	X400-106	Airless foamer has a 22 oz. bottle with polypropylene body and wand. Water pressure 20-100 psi. Water flow @ 40 psi - 0.54 GPM. Higher flow.
	X400-107	Airless foamer with a 22 oz. bottle with polypropylene body and wand. Water pressure 20-100 psi. Water flow @ 40 psi - 1.30 GPM. Low flow.
	X400-122-89	Sprayer has an 89 oz. bottle with polypropylene body and wand. 1/2" supply line. Water pressure 20-100 psi. Water flow @ 40 psi - 2.3 GPM. Low flow.
	X400-106-89	Airless foamer with an 89 oz. bottle with polypropylene body and wand. Water pressure 20-100 psi. Water flow @ 40 psi - 0.54 GPM. Higher flow.
	X400-107-89	Airless foamer includes an 89 oz. bottle with polypropylene body and wand. Water pressure 20-100 psi. Water flow @ 40 psi - 1.30 GPM.



DEMA is continuously updating our product range to meet the needs of our global customers. From 2 people in 1956 to more than 300 employees today, DEMA continues to grow and maintain the status as a leading provider of chemical dispensing and fluid control equipment.



MixRite

Fertilizer & Chemical proportional water driven injectors, with no other energy required.

How Does It Work?

- Positive displacement water driven injector
- Solution is added in proportion to water flow for accurate mixing
- Adjustable injection rate
- Constant concentration of additive regardless of flow or pressure
- No wasted water
- No electricity required
- Higher flow rate, less friction loss and longer life than other comparable models
- Uses only 20% of pressure to drive pump



MixRite Models

TF-2.5

- Water pressure from 14.7 to 120 PSI (1-8 bar)
- Flow Rate from 0.08 to 11 GPM
- Weight: 13.2 Lbs (6.0 kg)
- Coupling: 3/4"



Product Number	Rate of Additive
TF-2.5-001	Rate of additive: 0.1% to 1%
TF-2.5-002	0.3% to 2%
TF-2.5-005	0.4% to 4%

TF-10

- Water pressure from 14.7 to 120 PSI (1-8 bar)
- Flow Rate from 2 to 45 GPM
- Weight: 16.23 Lbs (7.38 kg)
- Coupling: 1.5" or 50mm



Product Number	Rate of Additive
TF-10-001	Rate of additive: 0.1% to 1%
TF-10-002	0.2% to 2%
TF-10-005	1% to 5%

TF-5

- Water pressure from 14.7 to 120 PSI (1-8 bar)
- Flow Rate from 0.1 to 22 GPM (0.2-5m³/h)
- Weight: 13.2 Lbs (6.0 kg)
- Coupling: 1" or 32 mm



Product Number	Rate of Additive
TF-5-001	Rate of additive: 0.1% to 1%
TF-5-002	0.2% to 2%
TF-5-005	1% to 5%

TF-25

- Water pressure from 14.7 to 120 PSI (1-8 bar)
- Flow Rate from 9 to 110 GPM
- Weight: 46.42 Lbs (21.10 kg)
- Coupling: 2" or 63 mm

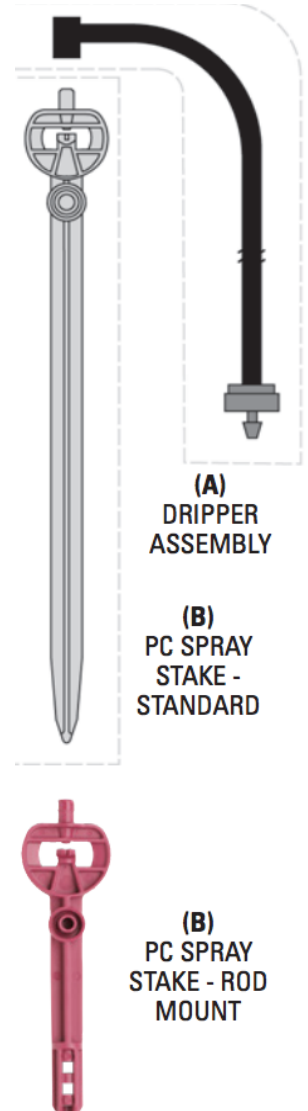


Product Number	Rate of Additive
TF-25-001	Rate of additive: 0.1% to 1%
TF-25-002	0.3% to 2.5%
TF-25-005	1% to 5.5%

PC Spray Stake Assemblies - Pressure Compensating - Standard with Flex PE Tubing

For complete assembly: Order one **(A)** Dripper Assembly and one **(B)** PC Spray Stake

Model Number	Stake	Pattern	Tube Length	Pack Qty
3.2 GPH Plum Stake				
01PSD032-36B			36"	25
01PSD032-48B			48"	25
01PSDS-PL1-B	Standard	Single		50
01PSDSR-PL1-B	Rod Mount	Single		50
6.6 GPH Grey Stake				
01PSD066-36B			36"	25
01PSD066-48B			48"	25
01PSDS-GY1-B	Standard	Single		50
01PSDS-GY2-B	Standard	Double		50
01PSDSR-GY1-B	Rod Mount	Double		50
01PSDSR-GY2-B	Rod Mount	Double		50
7.9 GPH Brown Stake				
01PSD079-36B			36"	25
01PSD079-48B			48"	25
01PSDS-BR1-B	Standard	Single		50
01PSDS-BR2-B	Standard	Double		50
01PSDSR-BR1-B	Rod Mount	Single		50
01PSDSR-BR2-B	Rod Mount	Double		50
10.6 GPH Blue Stake				
01PSD106-36B			36"	25
01PSD106-48B			48"	25
01PSDS-BL1-B	Standard	Single		50
01PSDS-BL2-B	Standard	Double		50
01PSDSR-BL1-B	Rod Mount	Single		50
01PSDSR-BL2-B	Rod Mount	Double		50



Spray Stakes - Non Pressure Compensating

Model Number	Description	Bag Qty
01SSYL-B	Yellow Stake 3.0 GPH	100
01SSGN-B	Green Stake 5.0 GPH	100
01SSBK-B	Black Stake 7.0 GPH	100



Flex Black Polyethylene (PE) Tubing (5/3mm)

Model Number	Description	Coil Length
15FPE53	Flex Black PE Tubing 5/3mm	3,000'
15FPE53-1000	Flex Black PE Tubing 5/3mm	1,000'

Pre-Cut Flex Black Polyethylene (PE) Tubing (5/3mm)

Model Number	Length	Pack Qty
15FPE53-36	36"	100
15FPE53-48	48"	100



WPCJ DRIPPER
.5 GPH
01WPCJL2-B OR
21520-001040

**SUPER FLEX UV
WHITE PE TUBE**
15FPEW53-XX

**SLIMLINE EZ
CLOSE WEIGHT**
1107008SC-B OR
00130-000033



SlimLine EZ Close™ Weight Assemblies - 0.5 GPH

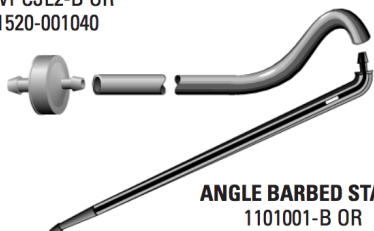
- Pressure Compensating with Check Valve and Shut-Off Feature
- Standard with Super Flex UV White PE Tubing

Model Number	Tube Length	Pack Qty
01HBA2W-18	18"	25
01HBA2W-24	24"	25
01HBA2W-36	36"	25
01HBA2W-48 (Assembled with WPC5 Dripper.)	48"	25
1107008SC-B	Weight Only	25

*All tube lengths greater than 36" are assembled with a WPC5 dripper. 1.0 and 2.0 GPH also available. Sold in pack quantities ONLY

WPCJ DRIPPER
.5 GPH
01WPCJL2-B OR
21520-001040

**SUPER FLEX UV
WHITE PE TUBE**
15FPEW53-XX



ANGLE BARBED STAKE
1101001-B OR
32000-001806

Dripper Stake Assemblies - 0.5 GPH

- Pressure Compensating with Check Valve and Shut-Off Feature
- Standard with Super Flex UV White PE Tubing

Model Number	Tube Length	Pack Qty
01WPCJL2AW-24	18"	25
01WPCJL2AW-30	30"	25
01WPCJL2AW-36	36"	25

Dripper and Spray Stake Assembly Components



Model Number	Key (Pictured Above)	Description	Bag Qty
1109006-B	1	5 mm Insert Connector - Barb x Threaded	250
11002520-B	2	5 mm Elbow	50
11WPCON-B	3	3 mm Flex Tube Adapter (for nipple outlet drippers)	250
1101001-B	4	Angle Barbed Stake	250
1107008C-B	5	Red Plastic Weight with Shut-off Feature	25
11090552-B	6	5 mm Tee Barb x Threaded x Threaded	250
1107008SC-B	7	Slimline EZ Close White Weight	25

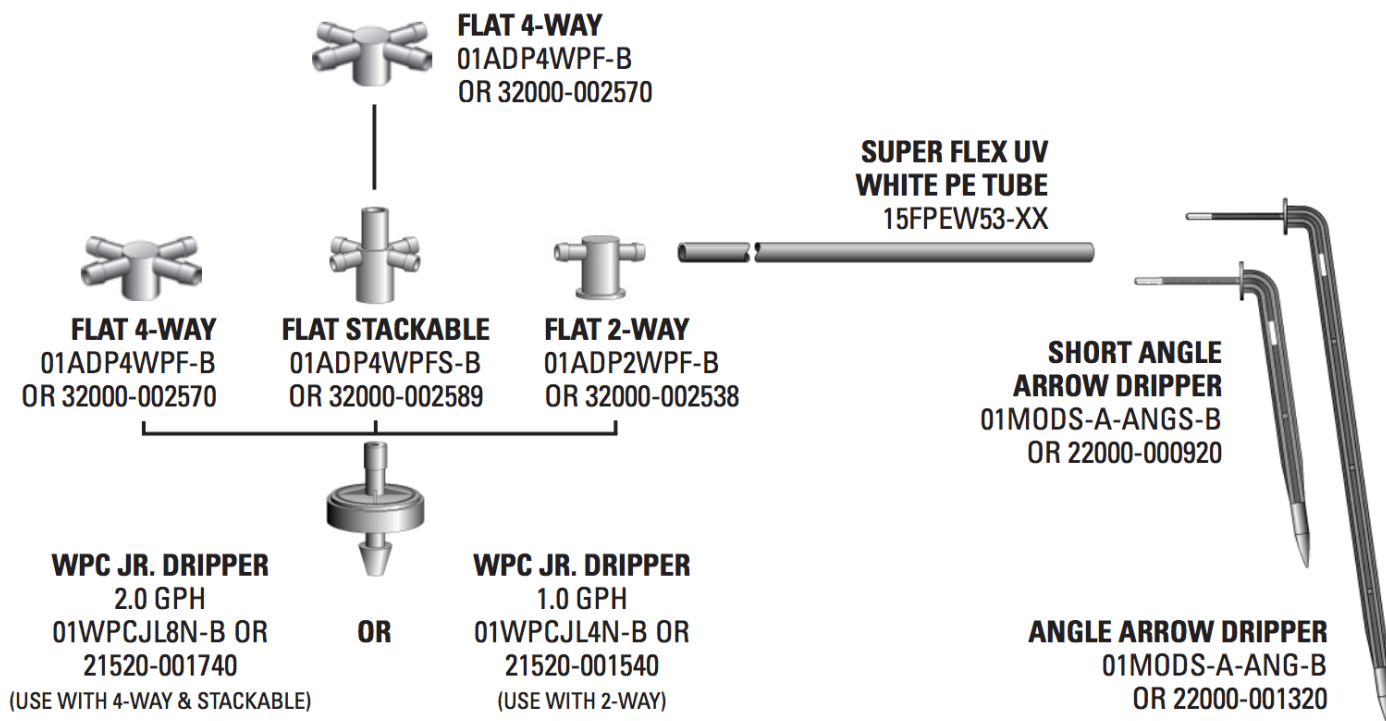
*Sold in bag quantity only



Multi-Outlet Dripper Assemblies

Standard with Super Flex UV White PE Tubing

For a complete assembly, order one **(A)** Manifold Assembly and one **(B)** Woodpecker Pressure Compensating Junior Dropper. The flow per arrow dropper is equal to the dropper flow divided by the number of arrow droppers on that assembly. To ensure plants will receive equal water flow, use the same assemblies on each zone.



Model Number	Arrow Dropper	Tube Length	Pack Qty	
Flat 4-Way Multi-Outlet Dropper Assemblies				
014DM-1818F	Standard	(4) at 18"	25	A
014DM-1818FS	Short	(4) at 18"	25	
014DM-1830F	Standard	(2) at 18" & (2) at 30"	25	
014DM-1830FS	Short	(2) at 18" & (2) at 30"	25	
014DM-2424F	Standard	(4) at 24"	25	
014DM-2424FS	Short	(4) at 24"	25	
014DM-2436F	Standard	(2) at 24" & (2) at 36"	25	
014DM-3030F	Standard	(4) at 30"	25	
01WPCJL8N-B	WPC Jr. Dropper 2.0 GPH		250	B
Flat Stackable Multi-Outlet Dropper Assemblies				
014DMS-1818F	Standard	(4) at 18"	25	A
014DMS-2424F	Standard	(4) at 24"	25	
014DMS-2436F	Standard	(2) at 24" & (2) at 36"	25	
014DMS-3030F	Standard	(4) at 30"	25	
01WPCJL8N-B	WPC Jr. Dropper 2.0 GPH		250	B
Flat 2-Way Multi-Outlet Dropper Assemblies				
012DM-2424F		36"	25	A
012DM-3030F		48"	25	
01WPCJL4N-B	Standard		50	B



Multi-Outlet Dripper Assembly Components

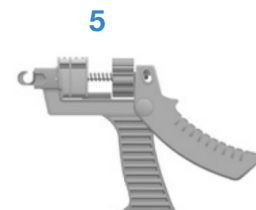
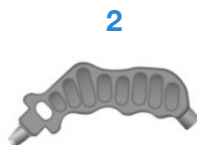
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Model Number	Key (Pictured Above)	Description	Bag Qty
01ADP4WPF-B	1	Flat 4-Way Manifold	100
01ADP4WPFS-B	2	Flat 4-Way Stackable Manifold	100
01ADP2WPF-B	3	Flat 2-Way Manifold	100
01MODS-A-ANG-B	4	Angle Arrow Dripper (6 3/8" length)	100
01MODS-A-ANGS-B	5	Short Angle Arrow Dripper (3 3/4" length)	100
01MODS-ST-BK-B	6	Straight Arrow Dripper	100

*Sold in bag quantity only

Miscellaneous Components



Model Number	Key (Pictured Above)	Description	Bag Qty
1107737-B	1	Goof Plug	10
682901033	2	3 mm Plastic Punch (for drippers/sprinklers)	1
6804080	3	8 mm Metal Punch	1
PPUNCH8	4	8 mm Plastic Punch	1
45000-002270	5	Hanging Sprinkler Assy Tool for tubes over 48"	1

*Sold in bag quantity only

Flex Black Polyethylene (PE) Tubing (5/3mm)

Model Number	Description	Coil Length
15FPE53	Flex Black PE Tubing 5/3mm	3,000'
15FPE53-1000	Flex Black PE Tubing 5/3mm	1,000'
15PVC53	Flex Black PVC Tubing 5/3 mm	1,000'

Super Flex UV White Polyethylene (PE) Tubing (5/3mm)

Model Number	Description	Coil Length
15FPEW53	Super Flex UV White PE Tubing 5/3 mm	3,000'

Pre-Cut Super Flex White Polyethylene (PE) Tubing (5/3mm)

Model Number	Length	Pack Qty
15FPEW53-18	18"	100
15FPEW53-24	24"	100
15FPEW53-30	30"	100
15FPEW53-36	36"	100





Woodpecker Pressure Compensating Junior Drippers (WPCJ)

With CNL Check Valve Feature and Barbed Outlet

Minimum Operating Pressure 10.2 psi

Used with SlimLine EZ Close™ Weight, Dripper Stake and PC Spray Stake Assemblies



Model Number	Color-Coded Inlet/Outlet	Nominal Flow (GPH)	Carton Qty	Bag Qty
01WPCJL1.2	Brown	0.32	13,000	-
01WPCJL1.2-B	Brown	0.32	13,000	250
01WPCJL2	Red	0.5	13,000	-
01WPCJL2-B	Red	0.5	13,000	250
01WPCJL3	Blue	0.7	13,000	-
01WPCJL3-B	Blue	0.7	13,000	250
01WPCJL4	Grey	1.0	13,000	-
01WPCJL4-B	Grey	1.0	13,000	250
01WPCJL8	Green	2.0	13,000	-
01WPCJL8-B	Green	2.0	13,000	250
01WPCJL12	Plum/Black	3.2	13,000	-
01WPCJL12-B	Plum/Black	3.2	13,000	250
01WPCJL25	Orange/Grey	6.6	13,000	-
01WPCJL25-B	Orange/Grey	6.6	13,000	250
01WPCJL30	Orange/Brown	7.9	13,000	-
01WPCJL30-B	Orange/Brown	7.9	13,000	250
01WPCJL40	Orange/Blue	10.6	13,000	-
01WPCJL40-B	Orange/Blue	10.6	13,000	250

Woodpecker Pressure Compensating Junior Drippers (WPCJ)

With CNL Check Valve Feature and Nipple Outlet

Minimum Operating Pressure 10.2 psi

Used with Multi-Outlet Dripper Assemblies



Model Number	Color-Coded Inlet/Outlet	Nominal Flow (GPH)	Carton Qty	Bag Qty
01WPCJL2N	Red	0.5	12,000	-
01WPCJL2N-B	Red	0.5	12,000	250
01WPCJL4N	Grey	1.0	12,000	-
01WPCJL4N-B	Grey	1.0	12,000	250
01WPCJL8N	Green	2.0	12,000	-
01WPCJL8N-B	Green	2.0	12,000	250

Woodpecker Pressure Compensating Drippers (WPC)

With CNL Check Valve Feature and Nipple Outlet

Minimum Operating Pressure 14.5 psi

Used with SlimLine EZ Close™ Weight Assemblies longer than 36"



Model Number	Nominal Flow (GPH)	Bag Qty
WPC5-250	0.5	250

Note: The nominal flow rate in liters per hour is indicated on the cap: 1, 2, 3, 4, and 8.

The barbed outlet fits Super Flex UV White PE Tubing, 15FPEW53 or Super Flex Black PE Tubing, 15FPE53.



MegaNet™ Rotating Impact Sprinkler

1/2" Male Threaded Connection - Nominal Flow Rate at 33 psi

Model Number	Description	Nominal Flow (GPH)	Trajectory
MGN24D-088HO	Sprinkler Head Only - Yellow Nozzle	0.88 GPM	High 24°
MGN24D-110HO	Sprinkler Head Only - Purple Nozzle	1.10 GPM	High 24°
MGN24D-154HO	Sprinkler Head Only - Green Nozzle	1.54 GPM	High 24°
MGN24D-198HO	Sprinkler Head Only - Blue Nozzle	1.98 GPM	High 24°
MGN24D-242HO	Sprinkler Head Only - Brown Nozzle	2.42 GPM	High 24°
MGN24D-286HO	Sprinkler Head Only - Orange Nozzle	2.86 GPM	High 24°
MGN24D-330HO	Sprinkler Head Only - Red Nozzle	3.30 GPM	High 24°
MGN15D-088HO	Sprinkler Head Only - Yellow Nozzle	0.88 GPM	Low 15°
MGN15D-110HO	Sprinkler Head Only - Purple Nozzle	1.10 GPM	Low 15°
MGN15D-154HO	Sprinkler Head Only - Green Nozzle	1.54 GPM	Low 15°
MGN15D-198HO	Sprinkler Head Only - Blue Nozzle	1.98 GPM	Low 15°
MGN15D-242HO	Sprinkler Head Only - Brown Nozzle	2.42 GPM	Low 15°
MGN15D-286HO	Sprinkler Head Only - Orange Nozzle	2.86 GPM	Low 15°



Vibro-Spray™ high Flow (HF) Sprinkler

1/2" Female Threaded Connection - Nominal Flow 1 GPM at 30 psi

Model Number	Description	Bag Qty
0302210-B	Vibro-Spray HF Sprinkler	0.88 GPM
032066208-B	1/2" Male Adapter x Male Micronet - Adapts to Hanging Sprinkler Assembly	1.10 GPM



**VIBRO-SPRAY
HF SPRINKLER**



**1/2" MALE
ADAPTER**

Sprinkler Components



**SPRINKLER STAND
FEMALE X BARB
CONNECTOR,
TUBING, 1/2" FIPT,
STAKE ADAPTER**



**MEGANET
ROAD GUARD**

MEGASTAND BASE



MEGASTAND ARM

**MEGASTAND
RISER**



**MEGASTAND
SPRINKLER
STAND
(COMPLETE)**

Model Number	Description	Bag Qty
03N20STAND0948-B	Sprinkler Stand (connects to PE Lateral) includes: connector, 48" 9mm I.D. tubing, PE barb, 1/2" FIPT, 8mm stake adapter (no stake)	25
03N265080002610	Female x Barb Connector for Sprinkler Stand	1
SSP	Sprinkler Stand Plug	1
MGNFIL	MegaNet Filter	1
MGNRG	MegaNet Road Guard	1
PPUNCH8	8mm Plastic Punch	1
6804080	8mm Metal Punch	1
03175648	6mm Steel Stake, 48" length	1
MGNBASE	MegaStand Base for Riser	1
MGNSUPPORTARM	MegaStand Supporting Arm for Riser	1
MGNRISER-16	MegaStand Riser 1/2" MPT x 16"	1



Sprinkler, Mister and Fogger Assemblies:

Ordering Guidelines

Ordering Netafim sprinkler, mister and fogger assemblies is a simple two step process:

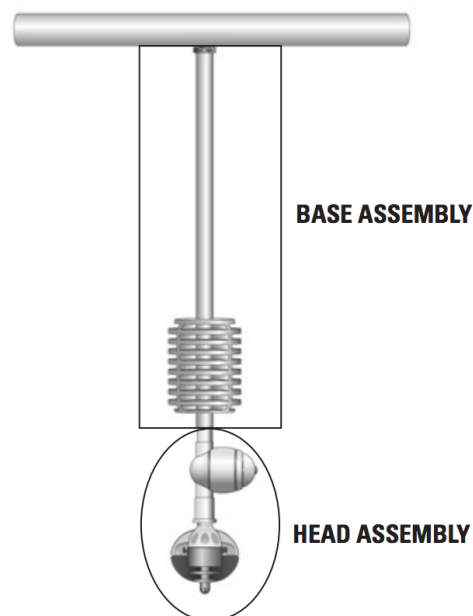
1. Select a Sprinkler, Mister or Fogger head based on application:
 - Watering: Sprinkler
 - Germinating: Mister
 - Humidifying or Cooling: Fogger
2. Select a Base Assembly based on the type of pipe used to supply water:
 - Polyethylene
 - Threaded pipe
 - Retrofit adapter for other manufacturer's fittings

The assembly is shipped as two parts (Head Assembly and Base Assembly) to be connected by the installer in the greenhouse.

Sprinklers/Misters: Use a 35 psi regulator and 120 mesh filter.

Foggers: Use a 65 psi regulator and a 140 mesh filter.

EXAMPLE OF INSTALLED FINAL ASSEMBLY



Hanging Assemblies for Sprinklers, Misters or Foggers

For Connection to Polyethylene (PE) Pipe

Model Number	Tube Length	Pack Qty
0300HSAC-12-B	12"	25
0300HSAC-18-B	18"	25
0300HSAC-24-B	24"	25
0300HSAC-30-B	30"	25
0300HSAC-36-B	36"	25
0300HSAC-48-B	48"	25
0300HSAC-48X-B	Extension*	25

Model Number	Tube Length	Pack Qty
0300HSAC-12	12"	200
0300HSAC-18	18"	200
0300HSAC-24	24"	200
0300HSAC-30	30"	150
0300HSAC-36	36"	150
0300HSAC-48	48"	150
0300HSAC-48X	Extension*	500

Base Assemblies

BARB X BARB CONNECTOR
031748W-B OR
63000-001355

**SUPER FLEX UV WHITE PE
(4/7 MM) TUBING**

STABILIZER WEIGHT
03330C-B OR
63000-002915

BARB X FEMALE CONNECTOR
03220W-B OR
63000-001953



1/2" Adapter

For Pipe Thread

Model Number	Bag Qty
03206-B	25

Retrofit Adapter

Connect Netafim head assemblies to other manufacturer's fittings

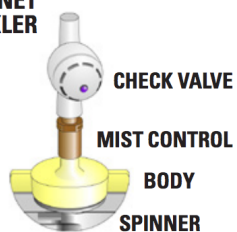
Model Number	Bag Qty
03302C-B	25



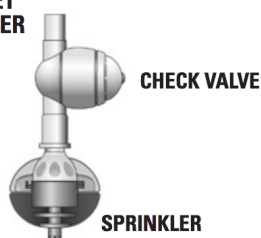


Sprinkler, Mister and Fogger Assemblies

SPINNET SPRINKLER



VIBRONET SPRINKLER

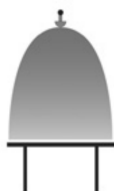


Head Assemblies

Sprinkler Head Assemblies (Watering)

Note: All Head Assemblies are standard with Check Valve. Average flow at 32 psi.

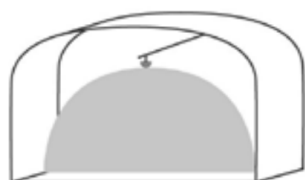
Code	Model Number	Description	Flow (GPH)	Bag Qty
VN-BL	0354040L-B	VibroNet Blue Sprinkler	9.2	25
VN-GN	0354050L-B	VibroNet Green Sprinkler	11.7	25
R-R-BL	0355120070BL-B	SpinNet Red Mist, Red Body, Blue Spinner	18.4	25
BR-BR-BL	0355160090BL-B	SpinNet Brown Mist, Brown Body, Blue Spinner	23.4	25
R-R-GY	03551200070L-B	SpinNet Red Mist, Red Body, Grey Spinner	18.4	25
BR-Y-GY	03552000090L-B	SpinNet Brown Mist, Yellow Body, Grey Spinner	23.4	25
R-R-GN	03551200070GL-B	SpinNet Red Mist, Red Body, Green Spinner	18.4	25
BR-BR-GN	03551600090GL-B	SpinNet Brown Mist, Brown Body, Green Spinner	23.4	25



Single Bench With Vibronet Sprinklers

Bench Width	Spacing Between Sprinklers	Height Above Crop 2' - 3'	Height Above Crop 3' - 5'
4 ft.	3 ft.	9.2	25
5 ft.	3 ft.	11.7	25
6 ft.	3 ft.	18.4	25

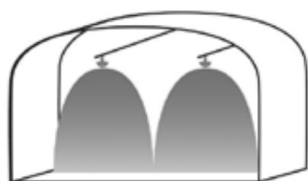
One Line For Single Bay or Quonset with Spinnet Sprinklers



NOTE: For total house coverage, use multiple lines 7', 8' or 9' apart and start 3' from wall.

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

Two Line For Single Bay or Quonset with Spinnet Sprinklers



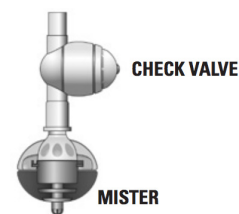
Bay Width	Spacing Between Sprinklers	Spacing Between Sprinkler Lines	Height Above Crop 3'	Height Above Crop 3' - 5'	Height Above Crop 6' - 7'
20 ft.	3 ft.	11 ft.	R-R-BL	-	-
22 ft.	3 ft.	12 ft.	R-R-BL	R-R-BL	-
24 ft.	3 ft.	12 ft.	R-R-BL	R-R-BL	R-R-BL
26 ft.	3 ft.	14 ft.	BR-BR-BL	R-R-BL	R-R-BL
28 ft.	3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



Misting Head Assemblies (Germinating)

Model Number	Description	Bag Qty
035404OL-B	VibroNet Mister, 9.2 GPH at 32 psi Blue nozzle w/Check Valve	25

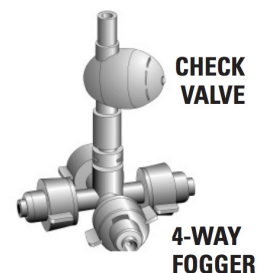
Note: Sold in Bag Quantities only



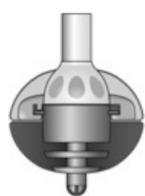
Coolnet™ Pro Fogger Head Assemblies (Humidifying or Cooling)

Model Number	Description	Bag Qty
0303420LL-B (Standard)	CoolNet Pro Fogger, 4 Nozzles w/Check Valve Purple Pin, 8.1 GPH @ 60 psi (opening pressure 28 psi)	25
0303420HL-B (Special Order)	CoolNet Pro Fogger, 4 Nozzles w/Check Valve Orange Pin, 8.1 GPH @ 60 psi (opening pressure 58 psi)	25

Note: Sold in Bag Quantities only



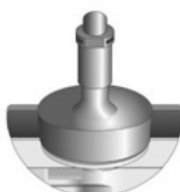
Sprinkler, Mister and Fogger Components



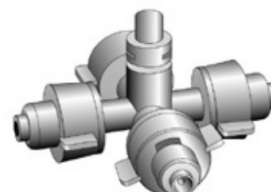
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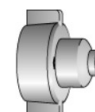
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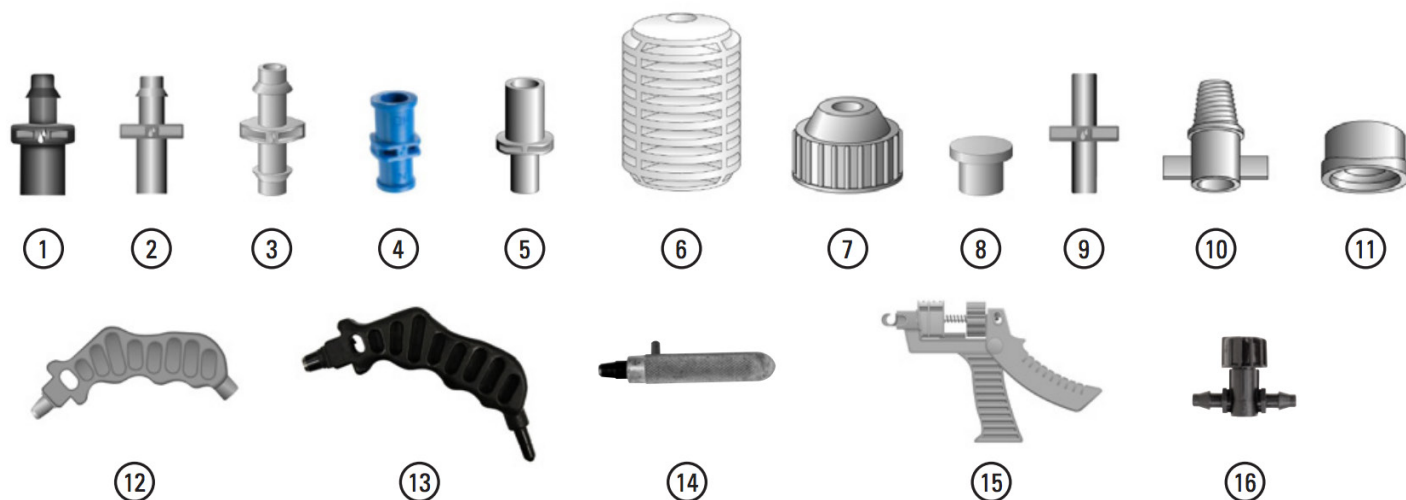
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Key	Model Number	Description	Bag Qty
1	0354040-B	VibroNet Sprinkler/Mister Blue - 9.2 GPH at 32 psi	25
-	0354050-B	VibroNet Sprinkler Green - 11.7 GPH at 32 psi	25
-	0340020-B	Check Valve, Blue Pin (opens 22 psi, closes 10 psi)	25
2	0340017-B	Check Valve, Purple Pin (opens 28 psi, closes 13 psi)	25
-	0340037-B	Check Valve, Orange Pin (opens 58 psi, closes 26 psi)	25
-	0355120070B-B	SpinNet Assy, Red Mist, Red Body, Blue Spinner	25
3	0355160090B-B	SpinNet Assy, Brown Mist, Brown Body, Blue Spinner	25
-	03551200070-B	SpinNet Assy, Red Mist, Red Body, Grey Spinner	25
-	03552000090-B	SpinNet Assy, Brown Mist, Yellow Body, Grey Spinner	25
-	03551200070G-B	SpinNet Assy, Red Mist, Red Body, Green Spinner	25
-	03551600090G-B	SpinNet Assy, Brown Mist, Brown Body, Green Spinner	25
4	0303420-B	CoolNet Pro Fogger 4 nozzles - 8.1 GPH at 60 psi	25
5	0306600-B	CoolNet Pro Fogger Blocker for 1 nozzle	25



Assembly Components And Accessories

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Key	Model Number	Description	Bag Qty
1	03220W-B	Barb x Female Connector - White	25
2	03221W-B	Barb x Male Connector - White	25
3	031748W-B	Barb x Barb Connector	25
4	03302C-B	Retrofit Adapter - Female (adapts Netafim to other mfg fittings)	25
5	03303-B	Retrofit Adapter - Male (adapts other mfg sprinklers to Netafim)	25
6	03330C-B	White Stabilizer Weight	25
7	03206-B	1/2" Adapter for Pipe Thread	25
8	03301-B	Plug (replaces sprinkler or mister head)	100
9	03208W-B	Male x Male Connector - White	100
10	03228-B	Threaded 3/8" Connector x Female PVC Adapter	25
11	58-AI-B	Grommet	25
12	682901033	3 mm Plastic Punch (for drippers and sprinklers)	1
13	PPUNCH8	8 mm Plastic Punch	1
14	6804080	8 mm Metal Punch	1
15	45000-002270	Hanging Sprinkler Assembly Tool for tube lengths over 48"	1
16	EDTUBEMVLV-B	Manual Valve for Micro-Tubing	10

Two Line For Single Bay or Quonset with Spinnet Sprinklers

Model Number	Inside Diameter	Outside Diameter	Size	Coil Length
14052062	.520"	.620"	16 mm	1,000'
14052062-05	.520"	.620"	16 mm	500'
14052062-01	.520"	.620"	16 mm	100'
14060070	.600"	.700"	18 mm	1,000'
14060070-05	.600"	.700"	18 mm	500'
14082094	.820"	.940"	3/4"	500'
14082094-01	.820"	.940"	3/4"	100'
14106120	1.06"	1.20"	1"	500'
14106120-01	1.06"	1.20"	1"	100'





Black Polyethylene (PE) Pre-Punch Tubing

Model Number	Inside Diameter	Outside Diameter	Pre-Punch Spacing	Size	Coil Length
84520620-18	.520"	.620"	18"	16 mm	1,000'
84520620-24	.520"	.620"	24"	16 mm	1,000'
84820940-36	.820"	.940"	36"	3/4"	500'
84106120-36	1.06"	1.20"	36"	1"	500'

Bright White Polyethylene (PE) Tubing

Model Number	Inside Diameter	Outside Diameter	Size	Coil Length
14BW052062-05	.520"	.620"	16 mm	500'
14BW052062-01	.520"	.620"	16mm	500'
14BW082094-01	.820"	.940"	3/4"	100'
14BW106120-01	1.06"	1.20"	1"	100'



Bright White Polyethylene (PE) Pre-Punch Tubing

Model Number	Inside Diameter	Outside Diameter	Pre-Punch Spacing	Size	Coil Length
84BW820940-36	.820"	.940"	36"	3/4"	500'
84BW106120-36	1.06"	1.20"	36"	1"	500'

Oval Tube

Model Number	Size	Pressure Rating (psi)	Coil Length
OT1.00-42-660	1.00"	42	660'
OT1.25-42-400	1.25"	42	400'
OT1.50-42-350	1.50"	42	350'
OT2.00-42-250	2.00"	42	250'



FlexNet™ Flexible Pipe

Model Number	Nominal Size	Outlet Spacing	Coil Length
05FX02PIPE50-30	2"	30"	328'
05FX02PIPE50-36	2"	36"	328'
05FX02PIPE50-40	2"	40"	328'
05FX02PIPE50-60	2"	60"	328'
05FX02PIPE50-72	2"	72"	328'
05FX02PIPE50-80	2"	80"	328'
05FX03PIPE50-30	3"	30"	328'
05FX03PIPE50-36	3"	36"	328'
05FX03PIPE50-40	3"	40"	328'
05FX03PIPE50-60	3"	60"	328'
05FX03PIPE50-72	3"	72"	328'
05FX03PIPE50-80	3"	80"	328'
05FX02	2"	BLANK	328'
05FX03	3"	TUBING	328'





Driplines For Watering Containers



Space-It™ Dripline

Thinwall Dripline (8 ml .636" diameter) with Dripper Visibly Marked on Tubing For Use Over Containers

Model Numbr	Flow	Spacing	Coil Length
06SL8636.2DM-12	0.2 GPH	12"	9,000'
06SL8636.4DM-14	0.4 GPH	14"	9,000'
06SL8636.4DM-16	0.4 GPH	16"	9,000'
06SL8636.4DM-18	0.4 GPH	18"	9,000'
06SL8636.4DM-20	0.4 GPH	20"	9,000'
06SL8636.4DM-24	0.4 GPH	24"	9,000'

Driplines For Field Production



DripNet PC Dripline

Thinwall Pressure Compensating Dripline (13 ml .636" diameter)

Model Numbr	Flow	Spacing	Coil Length
06DF63613.26-12	0.26 GPH	12"	4,300'
06DF63613.4-18	0.4 GPH	18"	4,300'
06DF63613.4-24	0.4 GPH	24"	4,300'



UniRam Dripline

Heavywall Pressure Compensating Dripline (18 ml)

Model Numbr	Flow	Spacing	Coil Length
06DF63613.26-12	0.26 GPH	12"	4,300'
06DF63613.4-18	0.4 GPH	18"	4,300'
06DF63613.4-24	0.4 GPH	24"	4,300'



Fittings And Connectors



Twist-Lock Fittings

Fits Thinwall Dripline 0.636" I.D.

Key	Model Numbr	Description	Bag Qty
1	T630TLCOUP-B	Coupler	50
2	T63036600170-B	Line End	100
3	T6303620017C-B	3/4" Male Threaded Adapter	100
4	T63036450170-B	Connector with Grommet	100
5	T63042440170-B25	Start Connector with Valve	25

Twist-Lock and Insert Barb Fittings

Fits Thinwall Dripline 16mm and 18mm



Key	Model Numbr	Description	Bag Qty
1	H520IC-B	16mm Insert Barb Coupling	50
2	H620TLCOUP-B	18mm Twist-Lock Coupling	50
3	H520IT3-B	16mm Insert Barb Tee	100
4	H520IE-B	16mm Insert Barb Elbow	100
5	H520IMA075-B	16mm Insert Barb 3/4" Male Adapter	50
6	H620FIG8-B	16mm Figure 8 Line End	100
-	H800FIG8-B	18mm Figure 8 Line End	100
7	58ISV520	16mm Inline Shut-off Valve	1
-	58ISV600	18mm Inline Shut-off Valve	1

Fittings and Connectors

Fits 3/4" Dripline and Polyethylene Tubing

Key	Model Numbr	Description	Bag Qty
1	H820IC-B	3/4" Insert Coupling with Rings	100
4	H820IMA075-B	0.820" x 3/4" MPT Insert Adapter	50
5	58AP800	3/4" Figure 8 Line End	1
6	58ISV820	3/4" Inline Shut-off Valve	1

FlexNet™ Start Connectors

Key	Model Numbr	Description	Bag Qty
1	T630TLCOUP-B	Coupler	50
-	T63036600170-B	Line End	100





Fittings And Connectors

Mesh/Micron

Mesh	Micron	Color
40	400	Blue
80	200	Yellow
120	130	Red
140	115	Black

Filtration Recommendations

Water Source	Filtration Method
Well*	Screen or Disc Filters
Surface (pond, lake, canal)	Disc Filters
Recirculated	Disc Filters

*A Hydrocyclone (sand separator) is recommended for well water with more than 3 PPM sand.

Manual Disc Filters

Model Numb	Filter Size	Mesh	Flow Range (GPM)	Max Pressure
25A45-120	3/4"	120	1-12	140 psi
25A45-140	-	140	1-12	140 psi
25A47-120	1"	120	5-26	140 psi
25A47-140	-	140	5-26	140 psi
25A17-120	1 1/2" Super	120	10-52	140 psi
25A17-140	-	140	10-52	140 psi
25A30-120	2" Dual HP	120	40-120	174 psi
25A30-140	-	140	40-120	174 psi
25A2DL-120	2" Dual Lite	120	40-110	115 psi
25A17-140	-	140	40-110	115 psi
25A30-120	3" Twin Lite	120	80-220	115 psi
25A30-140	-	140	80-220	115 psi



Manual Screen Filters

Model Numb	Filter Size	Mesh	Flow Range (GPM)	Max Pressure
SF075-155	3/4"	155	1-13	140 psi
SF100-155	1"	155	1-22	
SF150-155	1 1/2"	155	1-66	140 psi
SF200-155	2"	155	1-89	



Automatic Disc-Kleen Filters

Model Numb	Description	Flow Range (GPM)
26LP2A1-120DCLAX*	2" Compact LP Disc-Kleen - 120 mesh, DC	1-80
26LP2A1LF120DCLAX*	2" Compact LP Disc-Kleen Low Flow - 120 mesh, DC	1-40
26LP2PP2120AC	2" LP Disc-Kleen - 2 Filters, 120 mesh AC Solenoid	50-160
26LP2PP2120DC	2" LP Disc-Kleen - 2 Filters, 120 mesh DC Solenoid	50-160
26LP2PP3120AC	2" LP Disc-Kleen - 3 Filters, 120 mesh AC Solenoid	100-240
26LP2PP3120DC	2" LP Disc-Kleen - 3 Filters, 120 mesh DC Solenoid	100-240
26LP2PP4120AC	2" LP Disc-Kleen - 4 Filters, 120 mesh AC Solenoid	150-320
26LP2PP4120DC	2" LP Disc-Kleen - 4 Filters, 120 mesh DC Solenoid	150-320
26LP3PPB3120AC	3" LP Disc-Kleen - 3 Filters, 120 mesh AC Solenoid	150-450
26LP3PPB3120DC	3" LP Disc-Kleen - 3 Filters, 120 mesh DC Solenoid	150-450
26LP3PPB4120AC	3" LP Disc-Kleen - 4 Filters, 120 mesh AC Solenoid	250-600
26LP3PPB4120DC	3" LP Disc-Kleen - 4 Filters, 120 mesh DC Solenoid	250-600
26LP3PPB5120AC	3" LP Disc-Kleen - 5 Filters, 120 mesh AC Solenoid	350-750
26LP3PPB5120DC	3" LP Disc-Kleen - 5 Filters, 120 mesh DC Solenoid	350-750





Filters

Apollo Automatic Disc-Kleen Filters - Modular

Standard Model with Plastic Backflush Valve - Maximum Operating Pressure 90 psi

Model Numb	Description	Flow Range (GPM)
26ASK3APPB4120AC	Apollo Disc-Kleen, Angle, 4 Filters, 120 mesh AC Solenoid	300-800
26ASK3APPB4120DC	Apollo Disc-Kleen, Angle, 4 Filters, 120 mesh DC Solenoid	300-800
26ASK4PB3120AC	Apollo Disc-Kleen, Twin, 3 Filters, 120 mesh AC Solenoid	500-1,200
26ASK4PB3120DC	Apollo Disc-Kleen, Twin, 3 Filters, 120 mesh DC Solenoid	500-1,200
26ASK4PB4120AC	Apollo Disc-Kleen, Twin, 4 Filters, 120 mesh AC Solenoid	700-1,600
26ASK4PB4120DC	Apollo Disc-Kleen, Twin, 4 Filters, 120 mesh DC Solenoid	700-1,600
26ASK4PB5120AC	Apollo Disc-Kleen, Twin, 5 Filters, 120 mesh AC Solenoid	850-2,000
26ASK4PB5120DC	Apollo Disc-Kleen, Twin, 5 Filters, 120 mesh DC Solenoid	850-2,000



Requires separate purchase of backflush controller. Standard with installed drain manifold.

Minimum pressure for backflush is 30 psi downstream. Maximum Pressure: 90 psi. For pressures of 91-140 psi, a High Pressure Model is recommended. Large battery sizes with flow ranges to 3,200 GPM and other mesh options available.

Scan-Kleen Screen Filters

Model Numb	Filter Size	Mesh	Max Flow
27ASCAN3-120	3" Angle	120	250
27ASCAN3-150	3" Angle	150	250
27ASCAN4-120	4" Angle	120	300
27ASCAN4-150	4" Angle	150	300
27ASCAN4T-120	4" Twin	120	500
27ASCAN4T-150	4" Twin	150	500
27ASCAN6T-120	6" Twin	120	600
27ASCAN6T-150	6" Twin	150	600



Netafim Backflush Controllers

Model Numb	Description	Voltage
31NBCAC2	2 Outputs with DP Sensor	24VAC
31NBCAC4	4 Outputs with DP Sensor	24VAC
31NBCAC6	6 Outputs with DP Sensor	24VAC
31NBCDCL2	2 Outputs with DP Sensor	12VDCL
31NBCDCL4	4 Outputs with DP Sensor	12VDCL
31NBCDCL6	6 Outputs with DP Sensor	12VDCL
31NBCACCARD	2 Output Expansion Card	24VAC
31NBCDCCARD	2 Output Expansion Card	12VDCL

All Controllers are standard with a mounting bracket



Alex-Tronix Backflush Controllers

Model Numb	Description
23AXF2ACDC-D	2 Station 24VAC/12VDC Controller
23AXF4ACDC-D	4 Station 24VAC/12VDC/12VDCL Controller
23AXF8ACDC-D	8 Station 24VAC/12VDC /12VDCL Controller





Pressure Regulators

3/4" Low Flow Pressure Regulators

Model Numbr	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units
32PRV.75-LF15V2	.25 - 4.4	15	-
32PRV.75-LF20V2	.25 - 4.4	20	-
32PRV.75-LF35V2	.25 - 4.4	35	-



3/4" Pressure Regulators

Model Numbr	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units
32PRV.75-12V2K	4.5 - 17.6	12	1
32PRV.75-20V2K	4.5 - 17.6	20	1
32PRV.75-35V2K	4.5 - 17.6	35	1
32PRV.75-65V2K	4.5 - 17.6	65	1



1 1/2" Pressure Regulators

Model Numbr	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units
32PRV.75-12V2K	11 - 35	12	2
32PRV.75-20V2K	11 - 35	20	2
32PRV.75-35V2K	11 - 35	35	2
32PRV.75-65V2K	11 - 35	65	2



2" Pressure Regulators

Model Numbr	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units
32PRV2-412V2K	22 - 70	12	4
32PRV2-420V2K	22 - 70	20	4
32PRV2-435V2K	22 - 70	35	4



Pressure Regulating Units

Model Numbr	Nominal Output Pressure (psi)
32PRVU-12V2K	12
32PRVU-20V2K	20
32PRVU-35V2K	35
32PRVU-65V2K	65



NOTES:

- 12 psi recommended for Thinwall Driplines.
- 20 psi recommended for Non-Compensating Drippers and Spray Stakes.
- 35 psi recommended for Sprinklers, Misters, Pressure Compensating Drippers and PC Spray Stakes.
- 65 psi recommended for Foggers.
- Additional pressure options available.
- Maximum operating pressure 145 psi.



Air Vents and Water Meters



1" COMBINATION



2" COMBINATION



2" DYNAMIC



3/4" & 1" GUARDIAN



1" GUARDIAN
WITH SHRADER VALVE



2" GUARDIAN

Air Vents

Model Numb	Size	Description	Connection	Max Pressure	Body
65ARIB1	1"	Combination Air/Vacuum Relief, Continuous Acting	MPT	240 psi	Nylon
65ARIB2PP	2"	Combination Air/Vacuum Relief, Continuous Acting	MPT	150 psi	Polypropylene
65ARIDY2	2"	Dynamic	MPT	150 psi	Nylon
65ARIA075	3/4"	Guardian Air/Vacuum Relief	MPT	150 psi	Nylon
65ARIA100	1"	Guardian Air/Vacuum Relief	MPT	150 psi	Nylon
65ARIA100S	1"	Guardian Air/Vacuum Relief with Shrader Valve	MPT	150 psi	Nylon
65ARIA2	2"	Guardian Air/Vacuum Relief	FPT	150 psi	Nylon

Price discounts available for case quantity purchases, please contact Netafim USA Customer Service for details.

MPT = Male Pipe Thread

FPT = Female Pipe Thread

Fertilizer Meters

Model Numb	Size and Body	Max Flow (GPM)	Pulse (Gallons)	Connection
36FMPO.75	3/4" Plastic	2.2	0.1	MPT
36FMPO.751	3/4" Plastic	2.2	1.0	MPT
36FMPVE1	1" PVC	44	1.0	MPT

MPT = Male Pipe Thread



3/4" PLASTIC



1" PVC

Water Meters

Fits 3/4" Dripline and Polyethylene Tubing

Model Numb	Size	Flow Range (GPM)*	Pulse (Gallons)	Max Pressure (psi)	Connection
36M251T	1"	1.2 - 20	0.1	145	MPT
36M401.5T	1 1/2"	3.5 - 55	0.1	145	MPT
36WMR2T10	2"	8.8 - 110	10.0	230	MPT
36WST3F	3"	2.0 - 660	10.0	230	Flanged
36IRT3F	3"	45 - 500	10.0	230	Flanged
36IRT4F	4"	50 - 688	10.0	230	Flanged
36RD	Pulse Reed Switch	-	-	-	-

MPT = Male Pipe Thread

FPT = Female Pipe Thread



2" WMR



4" IRT



Valves

Series 80 Nylon Control 2-Way Valves

Model Numbr	Size	Voltage
61ET.75GH2	3/4" Globe	24VAC
61ET.75GH2-24DC	3/4" Globe	24VDC
61ET.75GH2-12DC	3/4" Globe	12VDC
61ET.75GH2-L	3/4" Globe	12VDCL
61ET.75GH2-120	3/4" Globe	120VAC
61ET1GH2	1" Globe	24VAC
61ET1GH2-24DC	1" Globe	24VDC
61ET1GH2-12DC	1" Globe	12VDC
61ET1GH2-L	1" Globe	12VDCL
61ET1GH2-120	1" Globe	120VAC
61ET1.5GH2	1 1/2" Globe	24VAC
61ET1.5GH2-24DC	1 1/2" Globe	24VDC
61ET1.5GH2-12DC	1 1/2" Globe	12VDC
61ET1.5GH2-L	1 1/2" Globe	12VDCL
61ET1.5GH2-120	1 1/2" Globe	120VAC
61ET1.5GH2-AN	1 1/2" Angle	24VAC
61ET1.5GH2-AN-24DC	1 1/2" Angle	24VDC
61ET1.5GH2-AN-12DC	1 1/2" Angle	12VDC
61ET1.5GH2-AN-L	1 1/2" Angle	12VDCL
61ET1.5GH2-AN-120	1 1/2" Angle	120VAC
61ET2GH2	2" Globe	24VAC
61ET2GH2-24DC	2" Globe	24VDC
61ET2GH2-12DC	2" Globe	12VDC
61ET2GH2-L	2" Globe	12VDCL
61ET2GH2-120	2" Globe	120VAC
61ET2GH2-AN	2" Angle	24VAC
61ET2GH2-AN-24DC	2" Angle	24VDC
61ET2GH2-AN-12DC	2" Angle	12VDC
61ET2GH2-AN-L	2" Angle	12VDCL
61ET2GH2-AN-120	2" Angle	120VAC

Maximum Recommended Flow Rates (GPM)

3/4"	1"	1 1/2"	2"	3"	4"	6"
50	50	90	175	390	600	1,300



3/4" OR 1" GLOBE



1 1/2" OR 2" GLOBE



1 1/2" OR 2" ANGLE

Aqua Pro Controller

Model Numbr

AP-CONTROLLER-P3

Series 80 2-Way Valves With Controller

Includes Battery Operated Aqua Pro Single Valve Controller

Model Numbr	Size	Voltage
61ET.75GH2-L-CONT	3/4" Globe	12VDCL
61ET1GH2-L-CONT	1" Globe	12VDCL
61ET1.5GH2-L-CONT	1 1/2" Globe	12VDCL
61ET1.5GH2-AN-L-CONT	1 1/2" Angle	12VDCL
61ET2GH2-L-CONT	2" Globe	12VDCL
61ET2GH2-AN-L-CONT	2" Angle	12VDCL



**SERIES 80 WITH
AQUA PRO CONTROLLER**



**AQUA PRO
CONTROLLER**



Valves

Series 80 Nylon Control 3-Way Valves

Model Numbr	Size	Function
61ELTH1.5GH3	1 1/2" Globe	EL
61PRTH1.5GH3-*	1 1/2" Globe	PR
61PRELTH1.5GH3-*	1 1/2" Globe	PREL
61PSTH1.5GH3-*	1 1/2" Globe	PS
61PSELTH1.5GH3-*	1 1/2" Globe	PSEL
61ELTH1.5GH3AN	1 1/2" Angle	EL
61PRTH1.5GH3AN-*	1 1/2" Angle	PR
61PRELTH1.5GH3AN-*	1 1/2" Angle	PREL
61PSTH1.5GH3AN-*	1 1/2" Angle	PS
61PSELTH1.5GH3AN-*	1 1/2" Angle	PSEL
61ELTH2GH3	2" Globe	EL
61PRTH2GH3-*	2" Globe	PR
61PRELTH2GH3-*	2" Globe	PREL
61PSTH2GH3-*	2" Globe	PS
61PSELTH2GH3-*	2" Globe	PSEL
61ELTH2GH3AN	2" Angle	EL
61PRTH2GH3AN-*	2" Angle	PR
61PRELTH2GH3AN-*	2" Angle	PREL
61PSTH2GH3AN-*	2" Angle	PS
61PSELTH2GH3AN-*	2" Angle	PSEL

Substitute * with proper Spring Color:

Y = Yellow (7-30 psi)

G = Green (14-65 psi)

R = Red (30-90 psi)

Function Code identification:

EL = Electric (standard with 24VAC - other voltages available)

PR = Pressure Reducing

PREL = Pressure Reducing Electric

PS = Pressure Sustaining

PSEL = Pressure Sustaining Electric



PS ANGLE



PREL GLOBE

3-Way Valves

Model Numbr	Function	Size	Body	Connection
V07020DGT055C01	Electric 24VAC	2"	Nylon	Threaded FPT
V07030PGT055C01	Electric 24VAC	3"	PVC	Threaded FPT
V07030PGS055C01	Electric 24VAC	3"	PVC	Slip
V07040PGS055C01	Electric 24VAC	4"	PVC	Slip
V07060PGS055C01	Electric 24VAC	6"	PVC	Slip
V32020DGT055C03	Pressure Reducing 24VAC	2"	Nylon	Threaded FPT
V32030PGS055C03	Pressure Reducing 24VAC	3"	PVC	Slip
61AQTVC1	Aquative 24VAC Solenoid	-	-	-



NYLON ELECTRIC



**NYLON PRESSURE
REDUCING**

MPT = Male Pipe Thread



Jain Irrigation was founded to manufacture products that conserve natural resources. They strive for sustainability and optimal utilization of all land & water while enhancing the health and lives of people. Please call ACW Supply if you have any questions about system design, integration or system parts.



Drippers



Innovative design, precision molding, use of quality raw material and stringent quality tests are the key factors behind the sustainable and efficient performance of our online dripper for Drip Irrigation. Narrow cross shaped inlet acts as a filter and colored cap represents flow rate and facilitates easy identification. Manufactured from virgin plastic for stable performance. These devices are UV stabilized and are able to withstand environmental effect. Recommended for orchards, fruit crops, vegetables, nurseries & flowers.

Sprayers



Spray Heads & Jets are used to maintain humidity or temperature control in greenhouse, shade house. Spray Heads & Jets are manufactured from good quality virgin raw material, easy to install, reliable performance are some of the common features of our fogger and misters.

Drip Tape



Drip tape is a thin walled drip line used in drip irrigation. Drip tape is made of Special grade polyethylene material. It is also called as collapsible hose, once pressurized it becomes round and collapses on depressurizing. Being a flat tube it can be supplied on reels containing several thousand feet. The nominal diameter ranges from 12 to 25 mm. It can be used for surface and subsurface applications. Thin walled tapes are suitable for 2-3 seasons but can be used for longer period if used subsurface. Drip tape helps in reduction of initial investment of drip irrigation.



Moleaer™ (Latin for “tiny air”) is the first company to leverage the unique properties of nanobubbles at industrial-scale. Our mission is to leverage nanobubbles to unlock the full potential of oxygen for water treatment and crop production. We integrate nano-scale materials into proprietary technologies to deliver next-generation solutions for transferring gas into liquids.

Moleaer Bloom

The patent-pending Moleaer Bloom is a highly efficient gas-injection technology that converts bulk oxygen into nanobubbles and supersaturates irrigation water with high levels of dissolved oxygen (DO). Negatively charged, neutrally buoyant nanobubbles can remain suspended in water for long periods of time, acting like an oxygen battery that delivers oxygen to the entire body of water. As oxygen is consumed, the nanobubbles continue to diffuse more oxygen into solution, sustaining supersaturated levels of DO, even in warm water. Moleaer's Bloom is an economical and highly effective tool to improve water quality, increase plant growth, and suppress root disease and environmental stress.

The Bloom comes with a self-priming, enclosed impeller pump for maximum flow and energy efficiency. The system is whisper-quiet and corrosion-resistant. The Bloom can be upgraded with a smart controller and integrated DO sensor to allow real time monitoring and system control. Available in 25, 50 and 150 gpm flow rates, the Bloom was designed for durable operation, easy installation, and simple control.



Features & Benefits

- 90% standard oxygen transfer efficiency
- Supersaturated irrigation water
- Improved water quality
- 100 nm-sized bubbles produced in excess of 1 billion nanobubbles / ml
- Oxygenation of any tank and any depth of water
- Increased nutrient adsorption
- Promotion of beneficial bacteria, suppression of pathogens
- Easy integration with fertigation and climate control systems.
- Optional: DO monitoring, system controller, and low-gas pressure warning

