

Micro-Sprinkler VI Classic

Micro-Irrigation



Application:

The Micro-Sprinkler VI Classic has been engineered to provide uniform water application for under-tree and over-head applications in Orchards, Vineyards and Nurseries.

Features:

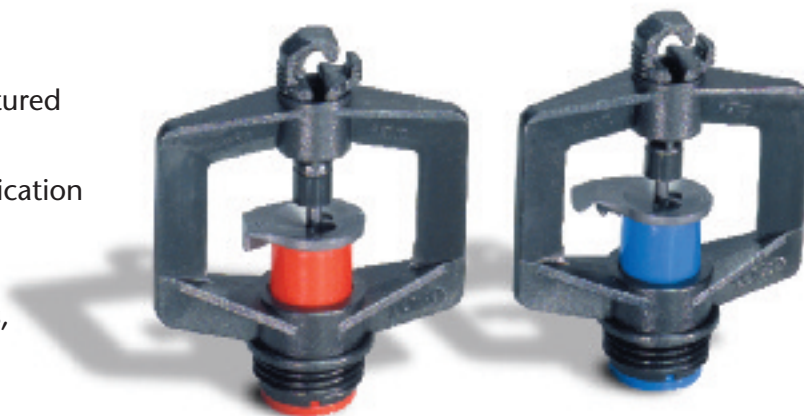
- Deflector plate design maximizes start-up torque to ensure reliability of operation in the most hostile environments
- Anti-insect/dust-proof spinner retracts to protect nozzle when not in operation
- New snap-fit conical bearing design ensures long life, ease of maintenance and trouble free spinning
- Available in 8 color coded nozzles flow rates for easy identification
- Low angle of throw and large droplet size for maximizing under foliage penetration and less susceptible to windy conditions
- Balanced spin rate to minimize stake vibration
- Double G-frame design provides long life under harsh field conditions
- Constructed of durable, weather resistant, engineering grade materials and manufactured under stringent quality control conditions
- Engineered to provide uniform water application for low volume, under-tree and over-head installations
- Easy installation on bases, risers and stakes, as well as suspension from trellis wire
- Optional break off deflector tab allows the sprinkler to be placed near young trees to concentrate water where the roots are developing

Specifications:

- Recommended operating pressure - 20 psi (1.38 Bar)
- Available in 8 flow rates ranging from 9.1 to 65.1 gph (34.5 to 246.5 lph) at 20 psi (1.38 Bar)
- Diameter of throw 16.4 to 36.8 Feet (5 to 11.2 Meters)
- Available in 3/8" MPT inlets

Materials:

- Frame, Bearing & Nozzle - Acetal; Spinner - Nylon



Micro-Sprinkler® VI Classic

Performance Chart

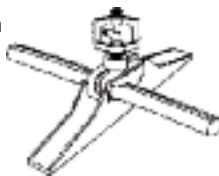
Model No.	with Deflector tab Model No.	Nozzle Color	Orifice Dia. Inch (mm)	Pressure		Flow Rate		Diameter		Diameter with Deflector Tab		Stream Height	
				PSI	Bar	gph	lph	Feet	Meters	Feet	Meters	Feet	Meters
SAM610	SAM610-D	Black	0.034 (0.86)	15	1.03	7.9	29.9	16.4	5.0	4.9	1.5	1.8	0.56
				20	1.38	9.1	34.4	17.7	5.4	5.3	1.6	2.0	0.62
				25	1.72	10.2	38.6	19.0	5.7	5.8	1.7	2.1	0.65
SAM613	SAM613-D	White	0.041 (1.04)	15	1.03	11.8	44.7	20.5	6.2	6.2	1.9	1.8	0.56
				20	1.38	13.7	51.9	22.4	6.8	6.7	2.0	2.0	0.62
				25	1.72	15.3	57.9	24.0	7.3	7.2	2.2	2.1	0.65
SAM614	SAM614-D	Maroon	0.049 (1.24)	15	1.03	16.5	62.5	23.0	7.0	6.9	2.0	1.9	0.57
				20	1.38	19.0	71.9	25.0	7.6	7.5	2.3	2.3	0.71
				25	1.72	21.2	80.3	27.5	8.4	8.3	2.5	3.0	0.90
SAM616	SAM616-D	Green	0.055 (1.40)	15	1.03	21.5	81.4	27.0	8.2	8.1	2.5	2.0	0.60
				20	1.38	24.8	93.9	30.0	9.1	9.0	2.7	2.7	0.83
				25	1.72	27.8	105.2	31.6	9.6	9.5	2.9	3.0	0.90
SAM620	SAM620-D	Blue	0.065 (1.65)	15	1.03	29.2	110.5	30.0	9.1	9.0	2.7	2.0	0.60
				20	1.38	33.7	127.6	32.2	9.8	9.7	3.0	2.6	0.80
				25	1.72	37.7	142.7	34.6	10.5	10.4	3.2	3.0	0.92
SAM622	-	Gray	0.071 (1.80)	15	1.03	33.8	127.9	32.0	9.8	-	-	2.0	0.60
				20	1.38	39.0	147.6	34.0	10.4	-	-	2.5	0.77
				25	1.72	43.6	165.0	35.6	10.9	-	-	3.0	0.90
SAM624	-	Yellow	0.079 (2.01)	15	1.03	41.7	157.9	32.5	9.9	-	-	2.1	0.65
				20	1.38	48.1	182.1	35.0	10.7	-	-	2.5	0.75
				25	1.72	53.8	203.7	36.8	11.2	-	-	2.8	0.85
SAM628	-	Red	0.091 (2.31)	15	1.03	56.4	213.5	32.0	9.8	-	-	2.4	0.74
				20	1.38	65.1	246.4	34.1	10.4	-	-	3.2	0.97
				25	1.72	72.8	275.6	36.8	11.2	-	-	3.4	1.05

> Recommended Operating Pressure 20 psi (1.38 Bar)

- Diameter are quoted according to ASAE S398.1. Actual diameter may exceed quoted Diameter
- Assemblies for SAM610 thru SAM616 will include Micro-Sprinkler; IPS1004 Stake; 4mm Leader Tube 24", 30", 36" or 48" Length and 4mm Coupling.
- Assemblies for SAM620 thru SAM628 will include Micro-Sprinkler; IPS1006 Stake; 6mm Leader Tube 24", 30", 36" or 48" Length and 6mm Coupling.

Sta-Base:

The Toro Micro-Sprinkler VI can be connected to 10mm to 20mm Blue Stripe round hose using a Sta-Base with 3/8" FPT x 1/4" barb



Stake Assemblies:

The Toro Micro-Sprinkler VI is available assembled on a 3/8" FPT x 4mm/6mm barb x 12" length stake, 4mm/6mm leader tube 24", 30", 36" or 48" length and 4mm/6mm Coupling



Understanding Part Numbers

Example: SAM620-D36

SAM 6xx -D xx
 | | |
 Model Nozzle Number Assembly lead length
 Add -D for break-off deflector tab

Accessories:

Optional 180 Deg Red or Black Deflectors, Red or Black Stakes, Sta-Bases and Adaptors are available

