

2002 AquaSmart



Features & Benefits



Insect-Proof Pop-up Swivel

To prevent entry of insect in nozzle innovative Pop-up swivel is provided



Precision Pressure Regulation

Uniform flow regulated sprinkler irrigation for sloppy topographical conditions



Unique Spinner Design

Specially designed spinner for uniform distribution



Specially Designed Side Ribs

Smooth streamlined side ribs to secure the spinner and give minimum obstruction to water jet



No Need of Adaptor

Sprinkler has inbuilt sprinkler adaptor with push-fit inlet connection



Easy to Dismantle and Assemble

Offer ease in maintenance & inspection

2002 Aquasmart

Additional Features

- **Sturdy and solid structure**
- **Manufactured from special grade polymer material:** Components manufactured out of revolutionary polymers to achieve wear resistance and longer trouble free performance.
- **Excellent Precipitation:** Gentle precipitation, no damage to flowers / plants
- **Quality Come First:** Each batch is tested for stringent quality parameters
- **Various different options available for various application:** Special swivels (green) for inverted operation and regular operation.

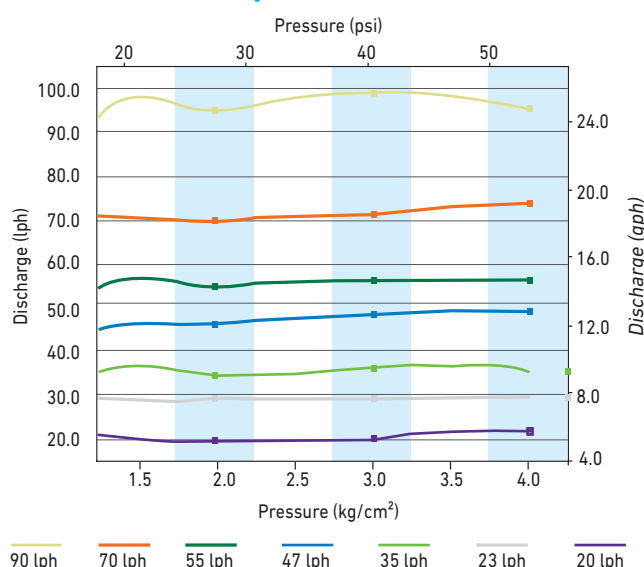
Applications

- Flow regulated micro-sprinkler for optimal under-tree irrigation
- Useful in landscape, flower beds, shrubs and nurseries.
- Recommended for irrigation of vegetables, nurseries etc. with 'Rainport™' system

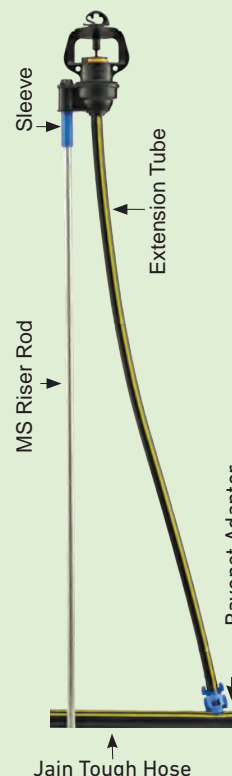
Specifications

- Flow Rates: 20 to 95 lph
- Inlet Connection: Push-Fit / Rapered Connection
- Recommended Spacing's : 1.5 m to 3.75 m
- Recommended Pressure : 1.5 kg/cm² to 4 kg/cm² (17- 56.88 psi)
- Pressure compensating range: 1.5 to 4 kg/cm² (20-60 psi)
- Easy to install with different mounting options. For details please refer to "Polyfittings & Accessories" section.
- Two-stage wetted diameter control.
- Clogging resistant even at lowest flow rates.

Performance Graph



2002 AquaSmart Assembly



Technical Specifications

Nozzle color	Flow rate (l/h)	Nozzle (mm)	Orange* (close range) (m)	Black Swivel (medium range)		Blue Swivel (large range)		Green (inverted)** (m)
				1 st stage (m)	Regular (2 nd stage) (m)	1 st stage (m)	Regular (2 nd stage) (m)	
Violet	20	0.84	3.0	1.5	3.5			
Grey	28	1.00	3.0	2.0	4.0	1.5	4.5	5.0
Brown	35	1.10	3.5	2.5	4.0	2.0	5.0	5.0
Blue	47	1.25	3.5	2.5	4.5	2.0	5.5	5.0
Green	55	1.33	3.5	2.5	4.5	2.0	6.0	5.0
Orange	70	1.48		2.5	5.0	2.5	7.0	5.0
Yellow	95	1.75		3.0	5.5	3.0	7.5	5.0

All swivels tested under laboratory conditions at 0.25 m above ground

* One stage only (no diameter limiter)

** Green swivel tested at 0.6 m above ground

Ordering Specifications

	X	X	X	X
	Swivels	Swivel colour	Housing	Nozzles, Discharge (lph)
21	6-One stage	1-Red	1-Female(push-fit)	0-Brown, 35 lph
	8-Two stage	2-Blue	2-Barbed 4 mm	2-Green, 55 lph
	7-Inverted	3-Black	6-Quick thread	3-Blue, 47 lph
		4-Orange	4-Thread 3/8"	4-Violet, 20 lph
		5-Green		5-Orange, 70 lph
				6-Yellow, 90 lph
				9-Gray, 28 lph

Example: 216243 - This code represents 2002 AquaSmart with one stage blue swivel, 3/8 threaded housing and blue coloured nozzle.