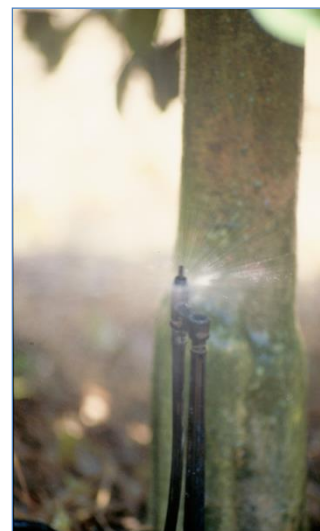


Series 700 Dynamic Sprayer

The 700 series is a dynamic sprayer, constructed with a thin needle located inside the orifice, vibrates when in operation and distributes evenly fine droplets on a medium area.

Applications:

- Applicable for irrigation of trees with medium/small root zone.
- The emitter can be installed in upside down position for reduced wetting diameter. This is applicable for young plantation, enabling the grower to irrigate only the root zone and thus save water.
- For green house irrigation.
- Landscape and gardening.










Technical Specifications:

- Available flow rates:
 - 40 - 160 liters per hour (10.2 – 40.6 gph).
- Nominal Flow rate at:
 - 2.0 bar (29 psi).
- Recommended working pressure range:
 - 1.5 - 2.2 bar (21.7 - 32 psi).
- Wetting diameter:
 - 3.0 - 5.4 m (10 - 18 Ft).
- Recommended Filtration:
 - 100 mesh for flow rates up to 40 lph (10.2 gph)
 - 80 mesh for flows up to 90 lph (22.9 gph)
 - 60 mesh for flows up to 160 lph (40.6 gph)



Technical Data:

Nozzle Diameter			Flow Rate		Maximum Wetting Diameter at 2 Bar (29 psi)	
mm	inch		l/h	GPH	m	Ft
0.9	0.039		40	10.2	3.0	10
1.1	0.047		60	15.2	4.0	13
1.2	0.050		70	17.8	4.4	14.4
1.3	0.055		90	22.9	4.6	15.1
1.4	0.058		105	26.7	5.0	16.4
1.5	0.066		120	30.5	5.2	17
1.8	0.071		160	40.6	5.4	17.7