

12" Pop-Up Micro Sprayers

Features

- 12" pop-up lengths with a 1/4" (6 mm) barbed elbow or 1/2" MNPT
- Unique design incorporates a pressure-activated, low-friction, upper-stem seal
- Second-stage piston seal ensures sealing
- Can be used with all sizes of polyethylene tubing using the 1/4" barbed elbow option
- Three color-coded spray nozzles for easy identification
- Constructed of UV-resistant, durable plastic material to withstand the most adverse conditions
- Filter requirement: minimum of 150 mesh

Specifications

- Operating pressure: 15-30 PSI (1-2.1 BAR)
- Nominal operating pressure: 30 PSI (2.1 BAR)
- Flow rate: .15-.73 GPM (34-166 L/H)
- Wetting diameter: up to 12.5' (3.8 m)
- Filter requirement: 120 mesh
- Inlet size: 1/2" MNPT thread or 1/4" barbed side outlet
- Materials:
 - Body and piston: semi-rigid polypropylene
 - Seals: EPDM and vinyl
 - Base: high-impact plastic
 - Spring: stainless-steel 304

Dimensions

- Pop-up height:
 - 12" (30 cm)
 - or when up 21" (53 cm)



How to specify

Model	Description
1/2" MNPT inlet with 12" pop-up	
MP-121	90° spray head
MP-122	180° spray head
MP-123	360° spray head
1/4" Barbed inlet with 12" pop-up	
MP-124	90° spray head
MP-125	180° spray head
MP-126	360° spray head

Performance flow rate vs. pressure			
Pressure (PSI)	Flow rate (GPH)	Flow rate (GPM)	Throw
360° Spray • nozzle color: RED • orifice size 0.08"			
15	31.5	0.53	10.6' diameter
20	36.2	0.60	11.3' diameter
25	40.3	0.67	11.9' diameter
30	44.0	0.73	12.5' diameter
180° Spray • nozzle color: GREEN • orifice size 0.06"			
15	16.4	0.27	5.1' radius
20	19.0	0.32	5.5' radius
25	21.3	0.36	5.8' radius
30	23.3	0.39	6.1' radius
90° Spray • nozzle color: BLUE • orifice size 0.03"			
15	6.2	0.10	3.3' radius
20	7.3	0.12	3.5' radius
25	8.1	0.14	3.7' radius
30	8.9	0.15	3.9' radius

