

FEATURES

- Co-molded wiper seal provides unmatched resistance to grit, pressures and the environment.
- Constructed of time-proven UV-resistant plastic and corrosion-resistant stainless steel parts, ensuring long product life.
- Precision-controlled flush at pop-down clears debris from unit, assuring positive stem retraction in all soil types.
- Two-piece ratchet mechanism allows easy nozzle patten alignment and provides added durability.

1800® PRS Series

PRS pressure regulator built into the stem maintains a constant outlet pressure of 30 psi (2.1 bar). Eliminates misting and fogging caused by high pressure.

1800® SAM Series

Built-in Seal-A-Matic™ (SAM) check valve eliminates the need for under-the-head check valves. Traps water in lateral pipes in elevation changes of up to 14 ft (4.2 m).

1800® SAM PRS Series

Incorporates all 1800 Series SAM and PRS features. Meets the needs of all spray areas, regardless of changing elevation or water pressures.

SPECIFICATIONS

Operating Range:

Spacing: 2.5 to 24 feet (0.8 to 7.3 m)*

Pressure: 15 to 70 psi (1.0 to 4.8 bar)

Dimensions:

1804 Series: 4" (10.1 cm) pop-up height; 6" (15.2 cm) body height

1806 Series: 6" (15.2 cm) pop-up height; 9 3/8" (23.8 cm) body height

1812 Series: 12" (30.5 cm) pop-up height; 16" (40.6 cm) body height

Inlet: 1/2" (15/21) NPT female threaded

Exposed Surface Diameter: 2 1/4 (5.7 cm)

SAM Capability: Holds up to 14 feet (4.3 m) of head; 6 psi (0.3 bar)

Flow-By: 0 gpm at 8psi (0.6 bar) or greater; 0.10 gpm (0.36 l/m; 0.02 m³/h) otherwise

Pressure Regulation: SAM-PRS models regulate to an average 30 or 45 psi (2.1 or 3.1 bar) with inlet pressures of up to 100 psi (6.9 bar)

Side Inlets: SAM models only

Warranty: 5-year trade warranty

HOW TO SPECIFY

| 18XX | - | XXX | - | XXX |
|----------------------|---|---------------------------------|---|--------------------------|
| POP-UP HEIGHT | | OPTIONAL FEATURE | | OPTIONAL FEATURE |
| 04 = 4" (10.1 cm) | | SAM = Seal-A-Matic™ check valve | | PRS = Pressure regulator |
| 06 = 6" (15.2 cm) | | PRS = Pressure regulator | | |
| 12 = 12" (30.5 cm) | | | | |

