

FEATURES

- Patented Triple-Blade Wiper Seal precisely balances flushing, flow-by and debris protection to optimize performance and durability at pop-up and retraction, clearing debris and ensuring positive stem retraction in all soil types.
- Unique debris pockets hold grit in place, removing it from circulation and preventing long-term damage.
- Parts resistant to corrosion for use in treated recycle water containing chlorine.

RD1800™ SAM PRS Series

Built-in Seal-A-Matic™ (SAM) check valve. Traps water in lateral pipes in elevation changes of up to 14' (4.2 m). PRS pressure regulator built into the stem maintains constant outlet pressure at 30 psi (2.1 bar).

RD1800™ Flow-Shield™ Series

Provides low flow vertical water jet visible from +200' line of sight when a nozzle has been removed.

SPECIFICATIONS

Operating Range:

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

Pressure: 15 to 100 psi (1.0 to 6.9 bar)

Dimensions:

RD04 Series: 4" (10.1 cm) pop-up height; 6" (15.2 cm) body height

RD06 Series: 6" (15.2 cm) pop-up height; 9 3⁄8" (23.8 cm) body height

RD12 Series: 12" (30.5 cm) pop-up height; 16" (40.6 cm) body height

Inlet: ½" (15/21) NPT female threaded

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

Flow-By:

SAM Models: 0 at 15 psi (1.0 bar) or greater; 0.5 gpm (0.03 l/s; 0.1 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

Models

4"	6"	12"
RD-04-S-P-30-F	RD-06-S-P-30-F	RD-12-S-P-30-F
RD-04-S-P-45-F		

HOW TO SPECIFY

RD-XX	-	X(XX)	-	Nozzle
POP-UP HEIGHT		OPTIONAL FEATURES		COMPATIBLE NOZZLES
04 = 4" (10.1 cm)		S = SAM		R-VAN, R-Series, HE-VAN,
06 = 6" (15.2 cm)		P-30 = 30 psi (2.1 bar) in-stem pressure regulation		U-Series, VAN Series, MPR and SQ Series Nozzles
12 = 12" (30.5 cm)		P-45 = 45 psi (3.1 bar) in-stem pressure regulation		
		F = Flow-Shield™ technology		

Flow-Shield™ Technology available in P30 and P45 models only. Specify sprinkler bodies and nozzles separately.

