



# PRO-S™ SPRAYS

Application: Residential / Commercial

**The Pro-S™ Spray is designed to provide long life and outstanding performance.**

The result of precision engineering and extensive field testing by contractors around the world, the Pro-S™ Spray is built with the contractor in mind.

These sprays are distinguished by robust construction, rugged body and cap, co-molded seal and heavy-duty retraction spring. The co-molded wiper seal ensures proper operation time after time with minimal flow by. Save water & eliminate misting and low head drainage with Pro-S™ Spray CV-PR model.

Assembly fits in a Rain Bird® 1800 Series spray body. Accepts all female threaded nozzles.

## Features and Benefits

- **Co-Molded Wiper Seal** – Ensures a leak free, full pop-up operation even under low-pressure situations. Cartridge design allows for easy removal and cleaning. Treated with UV inhibitors for long life. Seal material was carefully selected to reduce degradation and stick-ups.
- **Accepts Female Threaded Nozzles.**
- **Ratcheting Riser** – Permits quick, easy alignment of spray pattern.
- **Heavy-Duty Retraction Spring** – Strongest spring in the industry for positive retraction in all soil conditions.
- **Side Inlet** – Standard on 12" (30,5 cm) model. Optional on 6" model (15,3 cm).
- **Wide Selection of Sizes** – Available in 2", 3", 4", 6" and 12" (5, 7,5, 10, 15 and 30,5 cm) models.
- **Pre-Installed Flush Cap.**
- **Optional In-stem Pressure Regulator** – Available for 4", 6" and 12" (10, 15 and 30,5 cm) models, factory preset at 40 psi (2,8 bar).
- **Optional In-stem Check Valve** – Pre-installed or installs in the field, holds up to 10' (3 m) of head pressure.
- **Optional Pre-installed Nozzle Guard.**
- **Fits in Rain Bird® 1800 Can.**
- **Most pressure regulated Pro-S™ Sprays are EPA WaterSense certified.** For a full list, visit our website at: [www.krain.com/watersense-certified](http://www.krain.com/watersense-certified)



## Specifications

- Pressure Rating: 20 – 70 PSI (1,4 – 4,8 bar)
- Flow-by: 0 – 8 psi (0,6 bar) 0.20 GPM (0,76 LPM)
- Inlet: 1/2" (1,3 cm) Female Thread NPT
- Overall Body Height:
 

78002 – 4" (10 cm)	
78003 – 4 7/8" (12,4 cm)	78004 – 6" (15 cm)
78006 – 9 3/8" (23,4 cm)	78012 – 16" (40,7 cm)

## Models

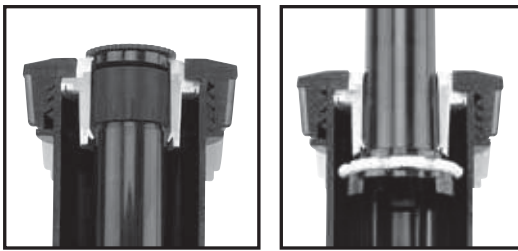
- 78002 PRO-S™ 2" Pop-up (5 cm)**
- 78003 PRO-S™ 3" Pop-up (7,5 cm)**
- 78004 PRO-S™ 4" Pop-up (10 cm)**
- 78006 PRO-S™ 6" Pop-up with side inlet (15 cm)**
- 78012 PRO-S™ 12" Pop-up (30 cm)**

### Other options add to part number:

- CV** Check Valve
- GUARD** Nozzle Guard
- NSI** No Side Inlet (6" (15 cm) only)
- PR30** Pressure Regulator 4", 6" and 12" (10, 15, and 30,5 cm) regulates to 30 PSI (2,1 bar)
- PR40** Pressure Regulator 4", 6" and 12" (10, 15, and 30,5 cm) regulates to 40 PSI (2,8 bar)
- RCW** Reclaimed Water Use
- CV-PR30** Pressure Regulator with Check Valve regulates to 30 PSI (2,1 bar)
- CV-PR40** Pressure Regulator with Check Valve regulates to 40 PSI (2,8) bar
- SF** Stop Flow™ (4" only)

## Co-Molded Wiper Seal

Ensures leak free, full pop-up operation even under low-pressure situations. Seal material was carefully selected to reduce degradation and stick-ups.



## Stop Flow™

Automatically stops water flow should a nozzle get damaged.



## OPTIONAL FEATURES

### In-stem Pressure Regulator



Saves water by properly regulating nozzle operating pressure. Aids in eliminating misting, fogging and overspray due to wind drift. Regulates pressure to 30 PSI (2,1 bar) or 40 PSI (2,8 bar).

### Pad printed CV-PR

Makes the Pro-S™ CV-PR easily identified in the field after installation.

### Nozzle Guard

Provides extra protection to Rotary or standard nozzles.





# NP SPRAYS™

Application: Residential / Commercial

**NP Sprays™ are ideal for watering smaller areas, ground cover and shrub areas.**

NP pop-up sprays are built with the contractor in mind. With the narrow profile, replacement is effortless. The durable seal ensures leak-free operation and extends product life.



## Models

- NP2** 2" (5 cm) Narrow Profile Spray Body
- NP4** 4" (10 cm) Narrow Profile Spray Body

Other options add to part number:

- CV** Check Valve

## Features and Benefits

- Available in 2" (5 cm) and 4" (10 cm) Models – Provides flexibility in system design.
- Accepts Female Threaded Nozzles.
- Stainless Steel Retraction Spring – Provides reliable retraction of the riser in all soil conditions.
- Ratcheting Riser – Allows for easy pattern alignment by turning the riser.
- Narrow Profile Body – Easy to retrofit with existing systems.

## Specifications

- Pressure Rating: 20 – 50 PSI (1,4 – 3,5 bars)
- Inlet: 1/2" (1,3 cm) NPT Male Thread
- Overall Body Height:
  - NP2 – 2" (5 cm)
  - NP4 – 4" (10 cm)