

Hydro-Guard®
HG-1

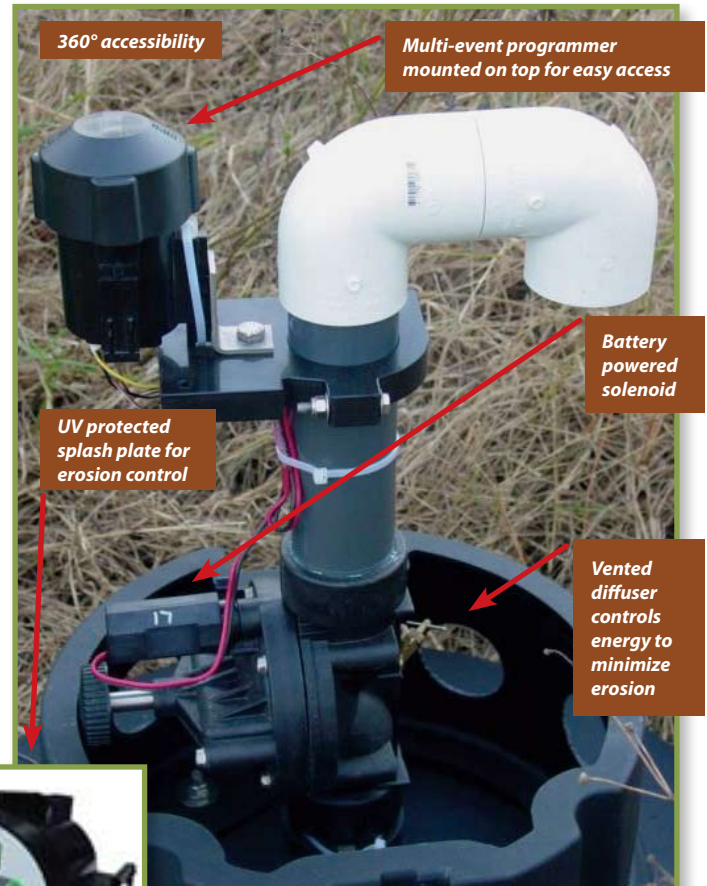
Basic/S

Signature Automatic Flushing System • 360° Access

The dependable and economical Hydro-Guard® HG-1 Basic/S Flushing System offers automatic and programmable flushing capabilities similar to other Hydro-Guard products. Additionally, the HG-1 Basic/S model can be provided with a choice of 1 inch or 2 inch controlled flow diaphragm valve, making this device an excellent match for virtually any line size application in warm climates.

The HG-1 Basic/S Signature model has an integrated multi-event programmer for on-site programming. It can be programmed to flush a water line multiple times, several times a day, seven days a week. The flush durations can range from one minute to four hours.

The Hydro-Guard HG-1 Basic/S unit features oversized diffusing vents designed to dissipate energy without the potential for clogging. The venting, along with the unit's splash plate helps to minimize erosion from the flushed water being discharged. Even with all the features and performance advantages of the HG-1 Basic/S model, perhaps its most appealing feature is its very affordable price.



Programmer integrated into top area of unit for easy access, and on-site control of programs and flush durations.

Comply with EPA Stage II DBPR Standards while saving water, time and costs. Calculate your ROI using our on-line calculator at www.Hydro-Guard.com.

Benefits of Flushing with an HG-1 Basic/S Signature:

- ✓ Reduces water waste associated with flushing
- ✓ Improves capability to meet EPA Stage II DBPR Standards
- ✓ Controlled and consistent flushing of distribution system
- ✓ Enhance success in maintaining consistent residual levels
- ✓ Reduced operational expenses (i.e. labor, vehicle, maintenance and benefits costs)
- ✓ Engineered for durability and long service life, helps to maximize Life Cycle Cost benefits



Rotationally molded UV and impact resistant, lockable enclosure.



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Specifications

Models

Model: HG-1 Basic/S Signature
 Dimensions: 14" dia. x 24"
 Shipping Weight: 25 lbs

Standard Features:

- Built-in 9-event battery powered programmer (two Alkaline AA batteries) top mounted for easy access
- 7 psi to 150 psi operating pressure
- Free standing design
- Choice of 1" or 2" glass reinforced Nylon control valve
- Built-in sampling (operational with unit on or off)
- Injection molded glass reinforced PVC housing provides durability, UV and impact resistance
- Energy dissipating baffles control downward flow of water (est. 135 gpm)
- Built-in heavy duty UV protected splash plate for erosion control and stability
- Serviceable without excavation– all components located above grade
- UV and impact resistant, virgin LDPE plastic enclosure
- Removable, lockable cover on bolt down base
- 360° accessibility to all components
- Corrosion resistant construction
- 1-year Limited Warranty

Options and Accessories:

- Optional OEM-installed Dechlorination System (4-tablet capacity)
- Optional S.M.A.R.T. upgrade for remote programming with 2-way communication; SCADA compatible via Modbus RTU protocol



Security/locking feature
(PN: HG-15113)



Sample feature

Part Number

Digits in black spaces are set (standard features), white spaces indicate options.

Device	Model	Bury	Freeze Protection
HG1	BS	000	NF
	Inlet Valve	Programmer	Dechlorination
	01 = 1"	21 = Integrated programmer	00 = None
	02 = 2"	SM = S.M.A.R.T. upgrade	04 = 4 Tablet

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Mueller Co. Smart Move™

The Advance Maintenance Flushing concept using Automatic Flushing Devices as presented is patented in the United States (Foreign patents pending). Hydro-Guard® is a registered trademark of Mueller Co., Chattanooga, TN.