

HYDRO-GUARD® PERMANENT FLUSHING SYSTEMS ORDERING INSTRUCTIONS



16.5

Shaded area indicates change Rev. 2-16

Ordering Instructions

To order a Hydro-Guard automatic flushing and monitoring system, simply choose the desired options from the chart below and contact your Mueller Sales Representative for pricing. ■ indicates option is included with the unit.

WARM CLIMATES

Hydro-Guard WARM Climate (without freeze protection)		
Discharge	<input type="checkbox"/>	HG1 = On the Ground
	<input type="checkbox"/>	HG2 = Direct Discharge
Backflow Prevention	<input type="checkbox"/>	A = Air Gap
	<input type="checkbox"/>	D = Double Check ¹
	<input type="checkbox"/>	R = RPZ ¹
Programming	<input type="checkbox"/>	IN = Built-In (NODE)
	<input type="checkbox"/>	RM = Removable (T-2) ⁵
	<input type="checkbox"/>	SM = SMART Controller Upgrade ⁶
Inlet Size	<input type="checkbox"/>	2 = 2"
Pipe Material	<input type="checkbox"/>	PVC = Schedule 80 PVC
	<input type="checkbox"/>	BRN = No Lead Brass
Bury Depth	<input type="checkbox"/>	000 = None
	<input type="checkbox"/>	018 = 18"
Enclosure Type	<input type="checkbox"/>	LPLG = Low Profile, Green
	<input type="checkbox"/>	HPLG = High Profile, Green
	<input type="checkbox"/>	HPTN = High Profile, Tan

Optional Equipment

545687	<input type="checkbox"/>	TBOS II handheld
-TCV	<input type="checkbox"/>	Option TCV freeze protection

COLD CLIMATES

Hydro-Guard COLD Climate (with freeze protection)		
Discharge	<input type="checkbox"/>	HG3 = Flush onto Ground ⁷
	<input type="checkbox"/>	HG4 = Direct Flush to Storm Sewer, Pond or Swale ⁷
	<input type="checkbox"/>	HG8 = Flushing System Below Grade; Direct Flush to Storm Sewer, Pond or Swale ⁷
Backflow Prevention	<input type="checkbox"/>	A = Air Gap
	<input type="checkbox"/>	D = Double Check ¹
Programming	<input type="checkbox"/>	IN = Built-In (NODE)
	<input type="checkbox"/>	RM = Removable (T-2) ⁵
	<input type="checkbox"/>	SM = SMART Controller Upgrade ⁶
Inlet Size	<input type="checkbox"/>	1 = 1" (only available for HG-8)
	<input type="checkbox"/>	2 = 2"
Pipe Material	<input type="checkbox"/>	PVC = Schedule 80 PVC
	<input type="checkbox"/>	BRN = No Lead Brass
Bury Depth	<input type="checkbox"/>	018 = 18"
	<input type="checkbox"/>	036 = 36"
	<input type="checkbox"/>	042 = 42"
	<input type="checkbox"/>	060 = 60"
	<input type="checkbox"/>	084 = 84"
	<input type="checkbox"/>	108 = 108"
Enclosure Type	<input type="checkbox"/>	LPLG = Low Profile, Green
	<input type="checkbox"/>	UNGD = None ^{2, 3}

1 - Double Check or RPZ backflow prevention is only offered on devices with an 18" bury depth and low profile enclosure, with the exception of any device that is constructed using a Below Grade enclosure.

2 - Devices without an enclosure are only available with 1" poly-coil tubing and brass fittings

3 - Minimum bury depth for a below-grade flushing system with no above-grade enclosure is 42".

5 - Where an "RM" code is indicated for controller type a handheld controller will be required. The handheld controller (PN: 545687) is sold separately. One handheld controller can be used to manage programming on an unlimited number of "RM" equipped flushing systems.

6 - Where an "SM" code is indicated for controller type a SMART Multi-Parameter Monitoring and Flushing Controller will be utilized. The SMART Multi-Parameter Controller will monitor for up to five water quality parameters (analyzers sold separately) including chlorine, temperature, pH, pressure and turbidity

7 - For cold climates the Low Pressure Relief Valve / Double Check freeze protection system is utilized to prevent freeze damage. When the flushing system ceases to flush the water in the service lines of the device are drained of water to reduce the possibility of freeze damage.