

# HYDRO-GUARD® S.M.A.R.T. FLUSH ORDERING INSTRUCTIONS



# 16.7

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.

### STEP 1 - SELECT MODEL

Selection	Code	Special Instructions	Select One
S.M.A.R.T. Controller	SM <sup>6</sup>	-	■

### STEP 2 - SELECT CHLORINE ANALYZER

Total Chlorine/ Mueller Specified	TC	-	<input type="checkbox"/>
Free Chlorine/ Mueller Specified	FC	-	<input type="checkbox"/>

### STEP 3 - SELECT RADIO COMMUNICATION OPTION

Cellular Radio (GSM)	CE	-	<input type="checkbox"/>
Cellular Radio (CDMA)	CE	-	<input type="checkbox"/>
Ethernet Radio	ET	-	<input type="checkbox"/>
Bluetooth Radio	BT	Can be added to other Radio options	<input type="checkbox"/>
UHF Radio / End User Spec	UH	-	<input type="checkbox"/>
No Radio Required / Hard-wire	NR	-	<input type="checkbox"/>

### STEP 4 - SELECT ANTENNA OPTION

Low Profile	L	-	<input type="checkbox"/>
Boom Antenna (Responsibility of End User)	U	-	<input type="checkbox"/>
No Antenna Required	N	-	<input type="checkbox"/>

### STEP 5 - SELECT BACKFLOW OPTION

Air Gap	AG	-	<input type="checkbox"/>
Double Check Valve <sup>1</sup>	DC	-	<input type="checkbox"/>
Reduced Pressure Zone (RPZ) <sup>1</sup>	RZ	-	<input type="checkbox"/>

### STEP 5 - SELECT ENCLOSURE / HOUSING

Ground Mount 33" Height	G3	-	<input type="checkbox"/>
Ground Mount 60" Height	G6	-	<input type="checkbox"/>

### STEP 6 - SELECT POWER SOURCE

120 - Volt AC	AC	-	■
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### STEP 7 - SELECT FREEZE PROTECTION

Selection	Code	Special Instructions	Select One
Heater	FH	-	<input type="checkbox"/>
Heater + Heat Tape	FT	-	<input type="checkbox"/>
No Heater Required	NF	-	<input type="checkbox"/>

### STEP 8 - SELECT SYSTEM SECURITY

Tamper Switch	T	-	<input type="checkbox"/>
Flow Detection Sensor	F	-	<input type="checkbox"/>
Manual On/Off Switch	M	-	<input type="checkbox"/>
No Security Option Required	N	-	<input type="checkbox"/>

### STEP 9 - SELECT WATER QUALITY MONITORING SENSORS

Chlorine Analyzer	CL	-	■
pH Sensor	PH	-	<input type="checkbox"/>
Turbidity Sensor	TU	-	<input type="checkbox"/>
Flow Meter/Control Valve Combo**	FM	-	<input type="checkbox"/>
Temperature Sensor	TP	Reports: GPM/ Total	<input type="checkbox"/>
TOC Sensor	TC	-	<input type="checkbox"/>

### STEP 10 - SELECT HYDRO-GUARD FLUSHING DEVICE (REQUIRED)

HG-7 All-in-One Enclosure	HG7A	Flush to Ground	<input type="checkbox"/>
HG-7 All-in-One Enclosure	HG7D	Direct Flush	<input type="checkbox"/>
S.M.A.R.T. HG-1	HG1B or HG1P	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC
S.M.A.R.T. HG-2	HG2B or HG2P	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC
S.M.A.R.T. HG-3	HG3B or HG3P	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC
S.M.A.R.T. HG-4	HG4B or HG4P	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC
S.M.A.R.T. HG-6	HG6B or HG6P	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC
S.M.A.R.T. HG-8	HG8C or HG8R	B = Brass, P = PVC	<input type="checkbox"/> Brass <input type="checkbox"/> SCH80 PVC

<sup>1</sup> - 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.

<sup>6</sup> - 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.