AquaOne Technologies
TOILET PROTECTION SYSTEMS

Toilet Guardian
Eco –Smart Toilet Valves

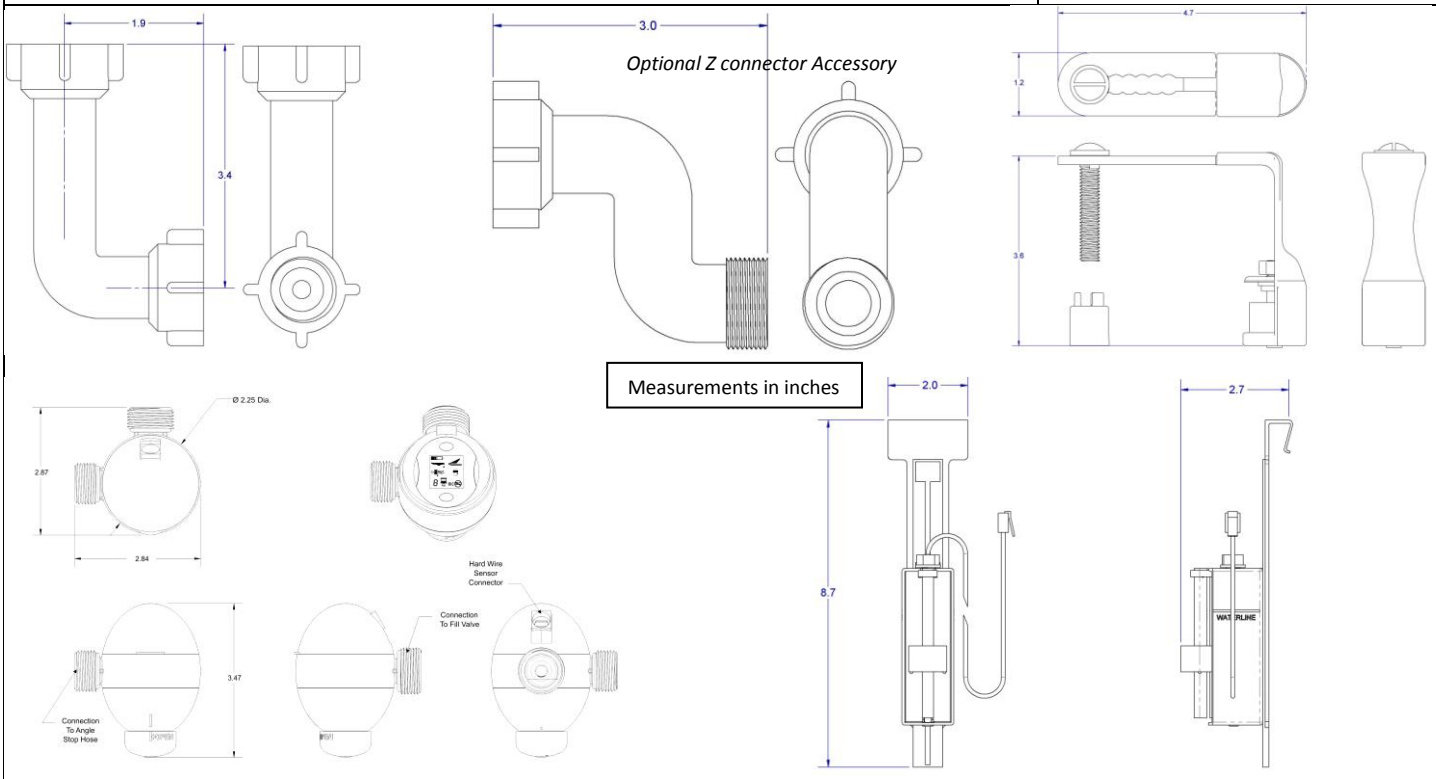
Model: TG 1000

- **Description:** Battery Powered, Sensor Activated Water Valve
- **Specifications:**

External, Battery Powered, Sensor Activated water valve with the following features:

- Cabled, dual, independent sensors with disconnect auto-shut off
- Delcron housing protects Valve and Electronics
- 5 year battery life
- Solenoid activated, spring loaded ceramic valves w/15 lbs. closing force
- 15/16" standard toilet fill line inlet
- "Low Battery" warning icon, LCD and timed water shut-off
- 24/7 Sentinel
- Bowl Sensor for Overflow Elimination and Property and Casualty Protection
- Tank Sensor for Property and Casualty Protection PLUS Water Conservation
- Optional extension connectors available for hard to reach places
- All materials designed for maximum life and chemical resistance

TG 1000 Complete Installation
With
Bowl Overflow Elimination and
Water Conservation sensors



Battery Type	3v, lithium, CR2477T	**Shipping**	***Operational Characteristics*:** **Flow**	2.9 gpm @ 55psi (11Lpm@379kPa)
Battery Life	5 years*	**Wt (one unit)**	**Pressure Drop**	< 2 psi (<13.8kPa)
Microprocessor	TI MSP430	1.3 lbs (0.6 kg)	**Temperature Range**	34° f - 120°f (1°c - 49°c)
Alert Type(s)	Piezo buzzer, LCD icon	**Single/Dbl. Unit Size**	**Operating Current**	6.2 v, 1A
Programs	6 pre-set, 3 open for custom applications	10x 4x 4 in. (26 x 13 x 13 cm)	**Operating Pressure Range**	0 to 125 psi (0-862 kPa)
L-Connector	Inlet- 15/16-14 NS-1 Outlet 7/8" ballcock (0.925"OD, 14 tpi)	**Carton Size**	**Solenoid Activation**	500,000 avg. lifetime
		24 units (2/box)	**Valve Closing Time (avg.)**	1.9 sec.
MCU Connector	Inlet-7/8" ballcock (0.925"OD, 14 tpi) Outlet-15/16-14 NS-1	22 x17 x 13 in. (56 x 44 x 33 cm)	**Malfunction Alert**	Audible alert
			***Materials*:** **Sensors**	ABS/Polypropolene
Color (all)	White/Blue Print/Logo	**Bulk Packaging**	**Connectors**	Nuts-Nylon/Zytel, Tubes-ABS
Sensor Type	Float	Available	**Connector Fittings**	Zytel® ST801 NC010
Compliant	RoHS, NSF 61, AB 1953, ISO 9001		**Washers/ORings**	70 EPDM
			Center Cavity	Duracron
Warranty	2 year (limited)		**Ceramic discs**	high polish, 97% alumini
*lifetime may vary depending on use and environmental considerations				

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Patents and Patents Pending

Please see your local retail location, distributor or sales representative for pricing.