

# Waterguard

## TECHNICAL SPECIFICATION WATERGUARD SITEGUARD

### Out of hours automatic water shut off for temporary water supplies

Designed specifically with CAR in mind, this system is a cost-effective way of eliminating the risk of water damage out of operational hours on any construction site.

The Waterguard SiteGuard will automatically shut off the sites temporary water supply when the site is closed, reinstating it when the site reopens. This system is easily programmable to the sites individual working hours for every day with a daily timer for precise programming of working hours.

#### Operational Features and Benefits

- Available for pipe sizes up to 150mm
- Manual bypass (up to 54mm) to reinstate the water without touching the controls.
- Available with 12V or 240V power.
- Compatible with the Waterguard DataCom for offsite SMS notifications

#### Installation

This control panel requires a mains power supply and is usually wall mounted in the buildings plant room but can be installed anywhere that is accessible to hear and see the alarm output. The control panel is then linked to up to two automatic shut off valves, an unlimited number of valves can be connected with the use of additional valve drivers. Please see individual data sheets for information on compatible plumbing components. Please note: Latching solenoid valves connected to the Series 7 up to 2" have a maximum voltage of 6vdc and come equipped with a manual override. The SiteGuard is not compatible with any other solenoid valve.

#### Technical Data

##### Waterguard SiteGuard:

Size (W x H x D)	145 x 85 x 50mm
Power Options	12vdc 250Ma/72 Mw / 24vdc, 1 amp
Burst power (when about to operate a valve)	840mW for 5 seconds
Back up battery	AAA size, NiMH, 1.2V nominal, 850MaH
Initial back up battery charge time	Flat to full in 5 days
Expected battery life	1 year
Alarm output	Max switching voltage 30V, max switching current 100mA

##### Valves:

15mm – 54mm solenoid	6vdc derived from the control panel
54mm – 200mm valve driver output	150mS burst, capacity discharge, rated for 6V, 6W bipolar valve



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Any application, water leak detection and prevention.

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