ACORN ENGINEERING COMPANY



Have you lost control? Are you tired of inmates wasting water and flooding your facility?

Take Back Control of Your Plumbing System with Master-Trol®

What is Master-Trol®? Master-Trol® is an intelligent water management system that has provided facilities throughout the world with the tools to regain control of their plumbing systems.

Master-Trol[®] utilizes an electronic flush valve, lavatory or shower valve to effectively manage and control water flow- allowing precise control of your water supply at the fixture. Do you need to limit the usage of water? Want to change the run time of a valve? Need to remotely turn the water off? Master-Trol[®] allows complete control of the water supply to the fixture.

Master-Trol[®] allows for the valves to be managed remotely by an electronic controller. The Master-Trol[®] controller features advance microprocessor technology and incorporates digital programming- a blend which ensures control and reliability. The controllers can be installed as a standalone configuration or as a communicating configuration- allowing for maximum flexibility for any application.

Where is it used? Master-Trol[®] offers products and systems that provide control for all types of facilities - from prisons and government buildings to educational facilities and sports arenas.

Both new and existing facilities can benefit from Master-Trol[®]. Facilities can increase control and security, while reducing water usage by installing Master-Trol[®].

CONTROL

Master-Trol® allows remote control of all aspects of water usage including the ability to set valve timing, apply valve lockouts, and enable/disable valves.



SECURITY

- Reduce close interaction between staff and inmates in correctional settings through remote control.
- Reduce inmate flooding by limiting water usage with lockouts and valve timing.
- Reduce the ability of inmates to hide contraband during shakedowns by shutting down the water system in seconds.



WATER SAVINGS

Water usage can be greatly reduced by using standard valve settings. In some cases, facilities have seen up to a 68% reduction in water usage!



TAKE CONTROL WITH

Valve Settings

- Adjustable valve runtimes
- Adjustable valve lockout times
- Ability to enable/disable single or multiple valves
- Multiple valve options to tailor the function of the valve to the type of fixture it services
- Remote operation allows facility to activate a valve with the click of a button

Master-Trol® Controller Electronic Lavatory or Shower Valve Final Structure Final Struc

Electronic Flush Valve

Standalone Configuration

The Master-Trol[®] controllers can be installed in a standalone configuration, where the controllers operate independently with factory programmed settings supplied by the facility.



Standalone Configuration

Communicating Configuration

The controllers can be installed in a communicating configuration, where the controllers are linked together to a remote interface device such as a desktop computer, a laptop, or a handheld programmer; allowing you to centralize control.



Communicating Configuration



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