



Main Control Panels

AdEdge **InGenius™** control panels are custom engineered programmable logic control panels designed to meet site specifications for monitoring and integrating AdEdge designed treatment systems with auxiliary equipment and controls for water systems.

InGenius™ Water System Control Technology by AdEdge recognizes every treatment system is unique with specific requirements for monitoring, process flow and automated controls. **InGenius™** panels integrate the process in one place for safety, monitoring, ease of service and installation.

All designs are supported by Computer Aided Design drawings, OEM facility and documented UL Listed quality components.

Quality Control

All **InGenius™** panels undergo a detailed, documented procedure developed specifically for each panel. Testing includes hot testing on output points, hardwired circuits, alarms, indicators, relays, continuity, fuse test, operator interface and instrument calibration. The custom design process requires a complete simulation of functionality for quality assurance.



Customizable Features

NEMA 1-4, 4X, 12, 13	Probe Mounted Displays: Flow, pH, Chlorine, TDS, turbidity, etc.	Soft Start Motor Contractor
Panel Materials: Thermoplastic, Stainless Steel, Painted Steel, Fiberglass	Level Controls	Electromechanical Time Delays
	Relay Contacts	Programmable Logic Controllers
Hand On/Off Selector	Auxiliary Power Supplies	Battery Backup Power Supply
Backwash Indicator	Power Converter: 110V to 24V or 12V & AC to DC	Audible/Visual Alarm Indicators
LED Lamps		Sunscreen for HMI
Security Key Latch	Surge Protection	Ethernet Networking
		SCADA Interface

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