

	Analog controls	PLC Controls	Blue Genius Controls
Security Comparison	If the control station is tampered with or improperly altered, incorrect product operation or product failure may result.	If the control station is tampered with or improperly altered, incorrect product operation or product failure may result.	Safer setup: Controls cannot be tampered with or improperly altered. Controls can only be changed via software programming.
Wiring costs	All components / accessories / controls require individual wiring, which increases wiring costs.	All components / accessories / controls require individual wiring, which increases wiring costs.	4 wire shielded communication cable completes all control / accessory / component wiring, reducing wiring costs.
NEMA ratings	NEMA 4 / NEMA 12	NEMA 4 / NEMA 12	NEMA 4X
Control type	Push Button(s) Controls	Push button(s) Controls	Touch Controls
Troubleshooting	Requires technician to troubleshoot electrical failures	Requires technician to troubleshoot electrical failures	'Smart' Controls: conducts its own diagnostics and displays problematic component on LCD screen
LCD display	Not available	Not available as standard / optional	LCD instructional display
Voltages	120 volt controls	24v controls	24V controls
Supervisory override	Not available	Not available as standard / optional	Keypad override
Lights	Incandescent Bulbs	Incandescent Bulbs / LED Optional	LED lights
Weight	Weight 10 – 15 lbs	Weight 10-15 lbs	Light weight (3 lbs)
Parts	Several parts to list	Several parts to list	Minimal parts (3 components)
Upgrading	Can be manually upgraded, but doing so jeopardises UL / CSA rating	Can be manually upgraded, but doing so jeopardises UL / CSA rating	Upgrade software available. WILL NOT jeopardise UL / CSA rating