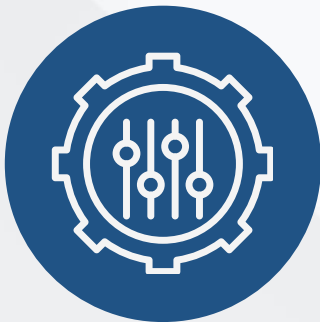
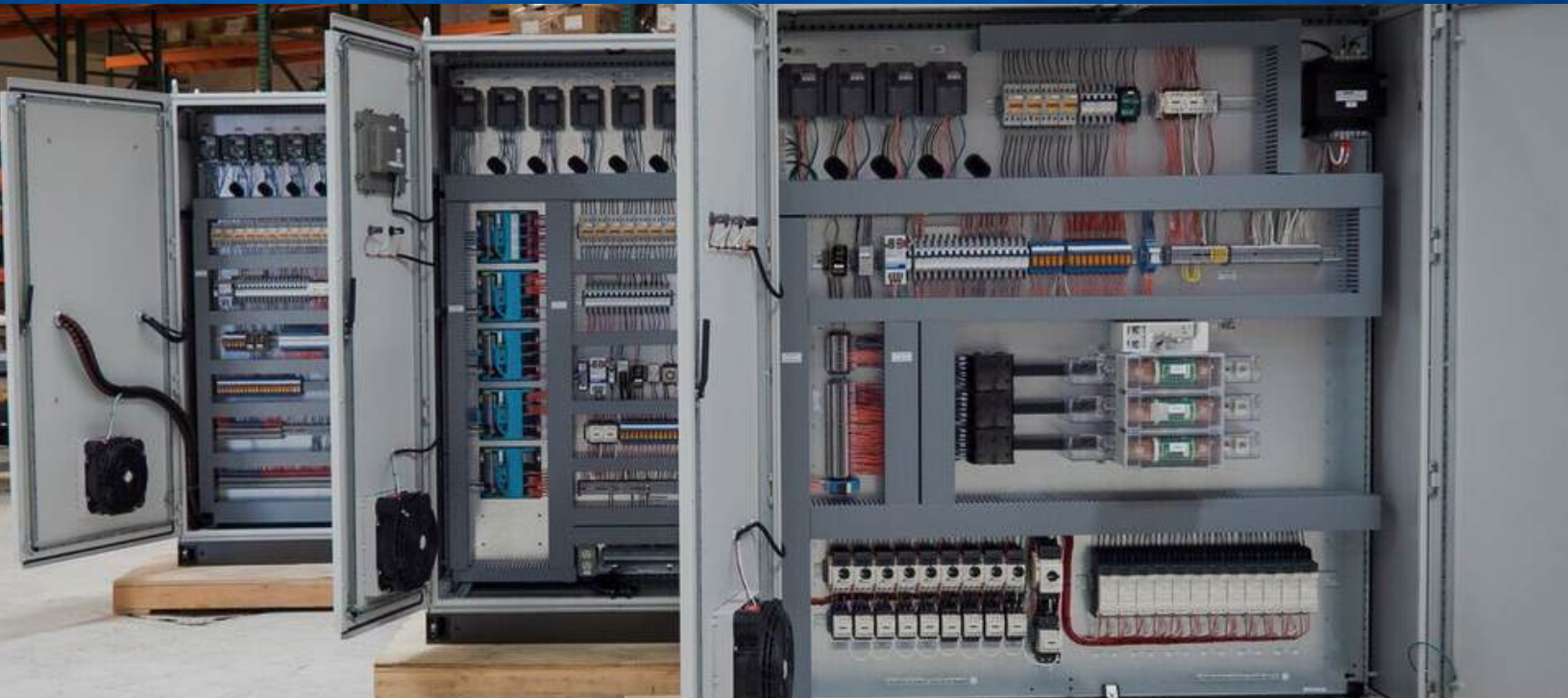


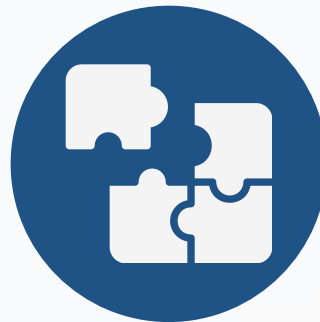
# SMARTBox

*Fully Integrated SmartBox Motor Control Center*



## **Custom designed**

The SMARTbox is custom designed for the unique requirements of each car wash.



## **Any Configuration**

Whether it is a Laguna rTC, another companies tunnel controller, or a standalone MCC



## **Worldwide Certified**

UL (USA) or CSA (Canada) certified. Also, in CE (European Union) specifications and conformity.



# Think Inside The Box!

Your pre-connected intelligent automation solution, the Laguna smartBOX features flexible configurations, comes pre-wired, is custom designed to every customers exact requirements, and is all backed by our industry leading car wash technology professionals.



*Motor Control Center shown above with Pre-Wired, integrated r-TC tunnel controller Certified – UL, CSA, CE*

## STANDARD FEATURES INCLUDE

- **Pre-Wired and Integrated Tunnel Controller with Motor Control Center** - This pre-connected solution offers flexible configurations to meet the specific needs of your wash system. It ensures simplified, precise, and cost-effective field installation, saving both time and labor.
- **Main Disconnect Circuit Breaker** - Features a microprocessor-based over-current protection system for reliable and intelligent fault management.
- **Main Disconnect Mechanism** - Equipped with a through-the-door rotary handle and padlock provision for enhanced safety and security.
- **Emergency Stop System** - Detects multiple fault sources and signals inputs, instantly shutting down control voltage to disable all outputs and ensure safety.
- **Pilot light 24Vac LED** - Provides clear indication of system status - armed or unarmed - for easy monitoring at a glance.
- **UPS Backup Protection** - Safeguards your configurations by allowing time to save and back up all system data during power outages.
- **Ventilation System** - Thermostat-controlled, filtered, and fan-forced airflow maintains optimal enclosure temperature for reliable performance.
- **Industrial Touchscreen Computer HMI** - Preloaded with software, settings, parameters, and technical data for easy operation and control.
- **Flexible Panel Configurations** - The Laguna SMARTbox is custom-built for both new installations and retrofit projects. Panels can be set up as a stand-alone Motor Control Center (MCC) or prewired for seamless integration with the Laguna Tunnel Controller or other major tunnel controllers. It can utilize Direct Start, Soft Start and VFD Motors.
- **Energy Efficient VFD Technology** - VFD motors can save up to 40% power usage (results may differ) by reducing peak 'in-rush' power and maximizing electrical efficiency through controlled top end motor speed, operating equipment based on weather conditions, conveyor speeds and cleaning conditions; **which all results in increased revenues due to lower utility costs.**
- **Extended Motor Life** - VFD technology reduces mechanical stress by avoiding hard starts and continuous maximum-capacity operation, extending motor life while maintaining top performance.
- **Built In Wireless Capability** - Stay connected with continuous motor monitoring and receive instant text or email alerts in the event of equipment failure.
- **Interactive Documentation** - Access integrated online schematics and technical documents for easy component identification and streamlined ordering of replacement parts.

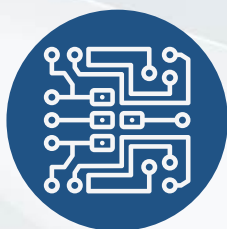






## Intelligent Automation

Intelligent automation is standard on our smartBOX to help maximize the performance of your car wash equipment. Built-in vehicle profiling and anti-collision are just two of the many standard features that enhance equipment performance and car wash quality.



## Highest Quality Components

Not all electrical components are equal in quality and Laguna customers expect only the best. Our high volume and lean manufacturing allows us to offer the highest quality components at competitive pricing. Ask us about the difference.

## Phase and Motor Monitoring

Monitors incoming line voltage to provide motor protection and prevent premature motor failure due to voltage and phase irregularities. The SmartBox offers fault monitoring and phase protection to minimize wear to motors, pumps, and gearboxes. Minimize downtime and lower operating costs.



## Expert Support

Designed by car wash professionals ready to support your team, every smartBOX is delivered with complete documentation and schematics.

*Scan this QR code to visit the SMARTbox web page and learn more*



THE SMARTBOX JUST GOT

# SMARTER

# EZAccess

*The Most Advanced MCC Monitoring System*



A Virtual Window Into Your MCC

## Anytime. Anywhere.

- Live Alerts and Alert History
- Advanced Diagnostics
- Electrical Cost/Consumption
- Advanced Data Monitoring
- Remote Accessible
- Predictive Maintenance



A low cost, comprehensive solution to prevent employee's from opening the MCC

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