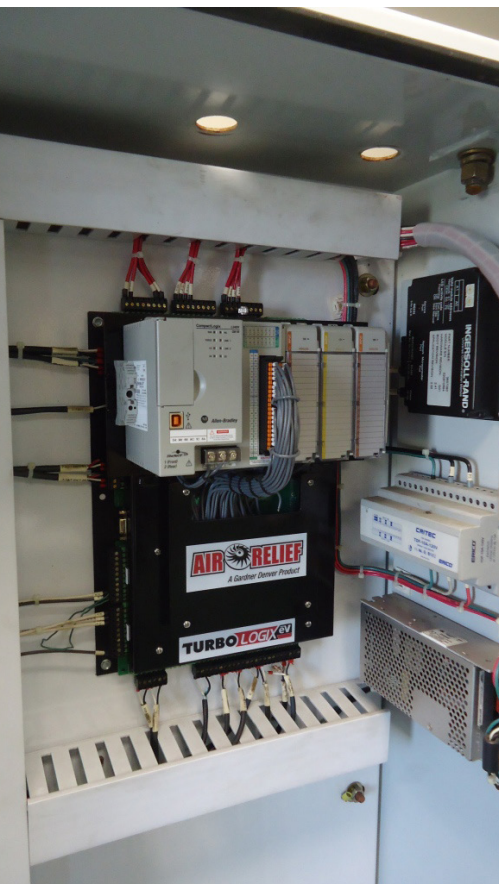
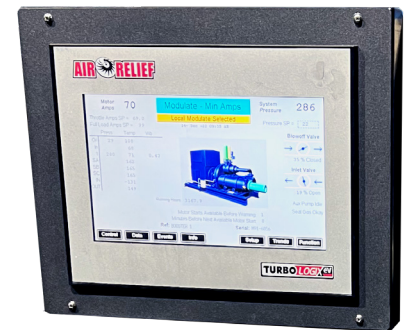


TurboLogix Retrofit

TurboLogix Retrofit Solutions for Centrifugal Air Compressors

Upgrading your compressor's electronic control system doesn't have to be complex or disruptive. With Air Relief's TurboLogix retrofit, outdated or obsolete controls can be replaced quickly and efficiently.

Built around a reliable PLC platform and designed as a true drop-in solution, TurboLogix simplifies installation while reducing downtime. Each system is manufactured in-house using Allen-Bradley hardware, ensuring long-term support, easier maintenance, and access to readily available replacement parts.



Why Choose an Air Relief TurboLogix Retrofit

- **Simplified Upgrades:** Engineered as a true drop-in solution for major OEM control systems, simplifying installation
- **Greater Control & Flexibility:** Open software architecture allows your team to manage, adjust, and maintain the system on-site
- **Expert Installation:** Installed and commissioned by factory-trained Air Relief technicians
- **Reduced Downtime & Cost:** Faster turnaround and a more cost-effective alternative to full control panel replacements
- **Reliable, Local Support:** Built and supported in Mayfield, KY using industry-standard Allen-Bradley PLC hardware
- **Improved System Visibility:** Advanced trending and onboard data retention provide better insight into performance and system health
- **Efficient Load Sharing:** Streamlined integration for multi-compressor systems improves overall system balance
- **Proven Experience:** Backed by over 40 years of centrifugal compressor control system expertise
- **Built for Demanding Systems:** Highly adaptable to support fast-changing and dynamic air system environments



TURBOLOGIX^{ev}

TurboLogix Retrofits Are Built with Advanced, Practical Features

Every TurboLogix retrofit is equipped with TurboLogix eV+ software, designed to simplify operation, improve visibility, and support long-term performance:

- Guided compressor setup, tuning, and troubleshooting with TurboStart
- Advanced surge control that automatically compensates for temperature and pressure changes
- Automated, bi-directional surge line adjustment for optimal performance
- Configurable maintenance timers to support proactive service planning
- Multi-window display for real-time access to analog data, performance metrics, and system trends
- Intuitive compressor graphics with clearly separated stage data
- Color-coded data tags for quick identification of normal, alarm, or trip conditions
- Built-in data trending and event logging with 32 GB of onboard backup memory
- Standard communication protocols including EtherNet/IP, Modbus TCP/IP, and Modbus RTU
- Fully configurable analog and digital inputs with customizable labels, alarms, and trip settings

Engineered Retrofit Solutions for Leading Compressor Control Systems

Air Relief TurboLogix retrofits are designed to replace and upgrade control systems across a wide range of OEM platforms, including:

- Ingersoll Rand: MP3, CMC, Xe-145
- Cameron / Joy: Quad 2000, Maestro Vantage, Maestro Universal
- Case: AMP500, AirLogix
- IHI Sullair: Series 1400
- Elliott: EDC16, EDC32, Polaris



Keep Your System Running with Confidence

Whether you're dealing with obsolete controls, frequent downtime, or planning a system upgrade, TurboLogix retrofits provide a practical path forward. Air Relief works alongside your team to evaluate your current setup and deliver a solution that fits your operation.

Talk to Air Relief about your next control system upgrade.