

# Integrated Industrial Compressor Control Solution



## *Break out of the “Proprietary Hardware Cycle”*

History has shown that using proprietary hardware to control compressed air system components reduces reliability and increases the lifecycle costs of your equipment. Have you ever been caught in a situation where qualified operators or electricians have difficulty troubleshooting your unfamiliar equipment? If a component fails, or you simply want to add more functionality to your system, you are trapped into one size fits all mentality. Or in the worst case scenario - their parts are no longer available, or even supported which forces you to upgrade the hardware. Although they may appear to offer a low cost upgrade, you'll find that it is not a direct swap and more resources will be spent to make their replacement fit; and then in as short as 5 years, you will be in the same position again!!

### **BASICS Kits:**

Best-Aire Specialized Industrial Control Systems will build the foundation for a long term solution. Our kits are designed for drop in replacement of your existing obsolete ( or soon to be obsolete) proprietary hardware based controller. By using interface modules, all of the existing field wiring and connections are re-used— making the complete swap within an 8-hour shift! No additional material is needed! Not even the OEM's can make that claim. Even the drawings remain the same—we simply add one page detailing the interface module wiring to Allen Bradley Compactlogix PLC. You now have unlimited options for the future upgrades, enhancements, support, connectivity—and all without being held captive to the marketing whims of your current hardware provider.

We offer retrofit kits for the following existing control systems:

- Ingersoll-Rand MP3
- Ingersoll-Rand CMC
- Cooper Turbo compressor/Joy Quad II, Quad III, Quad 200, Vantage
- Bay Controls ProTech

### **Features & Benefits:**

- Designed for all types: Centrifugal, Reciprocating, Rotary Screw
- Dynamic Surge Control for Centrifugals
- Real Time & Historical Trending
- Panel Configurable IO Scaling and Descriptions
- Historical Alarm List & Operation History
- Low Pressure Auto Start / Idle Run Stop Delay
- Remote Workstation Start/Stop Commands
- Configurable Protection
- Network to Multiple Compressors
- On Screen PID Tuning and Surge Tests
- Performance History—Energy used, Flow Production, Running Hours



**Michigan**  
5088 Meredith  
Portage, MI 49002  
800.272.9762  
Phone: 269.342.0138  
Fax: 269.342.0260

**Ohio**  
3648 Rockland Circle  
Millbury, OH 43447  
800.468.7484  
Phone: 419.726.0055  
Fax: 419.726.0623

**Indiana**  
8700 Roberts Dr. Ste. 100  
Fishers, IN 46037  
866.529.3864  
Phone: 317.598.1430  
Fax: 317.598.1381