

Easy-to-install AC contactor helps techs work faster and keeps out the bugs

Result

- New and seasoned technicians can install quickly
- Easy upsell with warranty
- Diagnostics help provide peace of mind to homeowners
- Active compressor protection
- Sealed to keep out pests

Application

On-board protection for Copeland™ compressors

Customer

Cleaves American Heating & Air Conditioning of Lima has been serving residential and light commercial customers in west central Ohio for 35 years.

Challenge

Electrical problems account for many air conditioning system problems, especially 'no cools' or 'no heats.' Contactor fails can result in a nonfunctioning air conditioning system.

The contactor used by Cleaves American Heating & Air Conditioning was an adequate replacement for the original contactor shipped by the OEM, but didn't offer much value to the homeowner.

Faced with industry staffing shortages and wanting to be more efficient on calls, the contractor looked for a contactor that would offer better system diagnostics and protection, and more features for homeowners.



“ As a seasoned technician, sometimes I don't like change. I don't get excited about much, but I like these Emerson contactors. ”

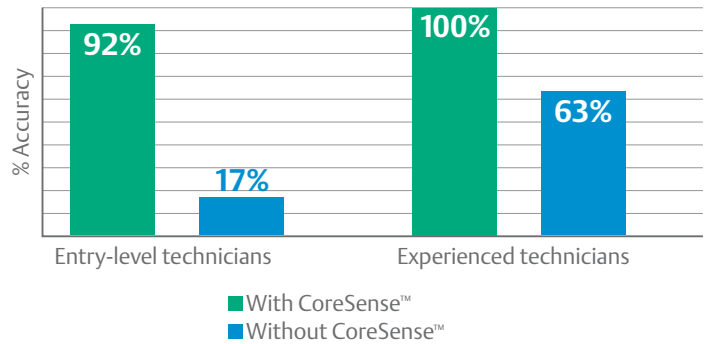
Dave Briggs, Service Manager
Cleaves American Heating & Air Conditioning



Solution

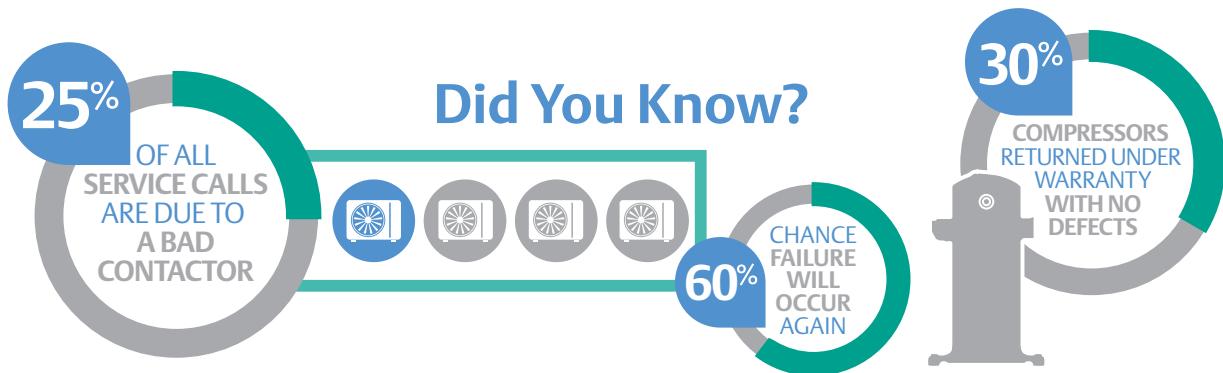
Our electronic module for Copeland™ scroll compressors provides on-board diagnostics and protection, and serves as a superior replacement for most traditional air conditioning and heat pump compressor contactors. Designed to help contractors troubleshoot residential air conditioning systems, electronic protection modules use the compressor as a sensor to deliver active protection and diagnostic capabilities, improving overall system reliability. The module monitors both the compressor and system for damaging conditions such as short cycling, pressure trips, locked rotor and low voltage.

Problem-solving Accuracy
Troubleshooting air conditioning system faults



“*The Emerson contactor offers better plug-and-play for our technicians. Over time, we expect to see the benefits of the advanced diagnostics in these contactors to help us become even more efficient in our calls. They are an easy upsell to homeowners once they hear about the five year warranty.*”

Jason Cleaves, Owner
Cleaves American Heating & Air Conditioning



*Emerson Service Technician Troubleshooting Accuracy Study, 2002
**Based on Emerson research