

Comfort Alert™ Diagnostics with Active Protection



Idea: System intelligence to safeguard Copeland Scroll™ compressors – and your reputation



Comfort Alert™ Diagnostics and its new Active Protection thermostat work together to bring better cooling protection to contractors and consumers alike. Designed for residential units with Copeland Scroll™ compressors, this powerful combination provides the technologies you need to offer new levels of reliability for your customers. In fact, it offers the ultimate in system intelligence.

For the contractor, Comfort Alert with Active Protection means you can make more calls per day. Why? Because you're solving problems faster than ever. With Comfort Alert, your technician troubleshooting accuracy improves dramatically. And so does your reputation.

With Active Protection, homeowners benefit as well. First, Comfort Alert communicates to the thermostat, alerting the homeowner when a problem is detected. Second, it automatically shuts down the system if it senses a severe problem, such as high system pressure, locked rotor and short cycling faults. That protects a significant investment and lowers repair costs.



Lower service contract costs. Better performance. Better protection. It all adds up to even better peace of mind. Just what you'd expect from the UltraTech™ Home Series and Emerson Climate Technologies™

EMERSON™
Climate Technologies

Idea: Provide unmatched advanced diagnostic technology.

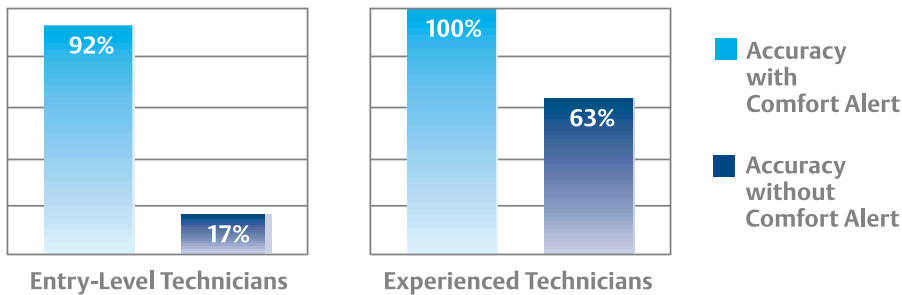
Comfort Alert is a breakthrough technology for troubleshooting heat pump and air conditioning systems. Winner of the AHR Expo Innovation award, Comfort Alert easily installs in the electrical box of the outdoor unit, monitors and analyzes Copeland Scroll compressors and diagnoses system faults.

A flashing LED indicator communicates the ALERT code and guides the service technician more quickly and accurately to the root cause of a problem. In fact, Comfort Alert diagnostics can improve technician accuracy by up to 60%. The result: confident customers and lower costs.



Problem-Solving Accuracy

Troubleshooting air conditioning systems with and without Comfort Alert



Idea: Create a complete communications solution.

The Comfort Alert diagnostics communicates directly with the Active Protection thermostat to alert homeowners when a problem occurs. Combined with the diagnostics module and a Copeland Scroll compressor, the thermostat can automatically shut down the compressor if a severe compressor damaging problem is detected. This results in improved reliability and lower repair costs.

The Active Protection thermostat also provides pinpoint accuracy for programmable temperature control for both air conditioning and heating systems. And for consumer convenience, its digital readout makes it easy to read and use.



Comfort Alert Model

Part Number	Application
943-0011-00	Cooling-only systems
943-0013-00	Two-stage scroll and heat pump systems

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