

Comfort Alert® diagnostics for commercial applications



More protection. More value. More opportunity.

The innovative technology of Comfort Alert Diagnostics delivers new levels of protection and accuracy. This award-winning, proven technology helps resolve issues the first time. That means reduced callbacks and faster service – and a stronger reputation for you and your business.



What Comfort Alert® diagnostics deliver:

The first technology of its kind, Comfort Alert diagnostics use the compressor as a sensor to monitor and analyze system performance, guiding technicians to fast and accurate diagnoses. In residential applications Comfort Alert has been proven to improve diagnostic accuracy and reduce healthy compressor replacement by more than 50 percent. Similarly, the commercial Comfort Alert diagnostics increase accuracy, and features **active protection**, which protects the compressor from potentially harmful system conditions such as phase loss, miswiring and short-cycling.

How Comfort Alert diagnostics work:

The Comfort Alert module easily installs in the electrical box of a commercial condensing unit or inside a rooftop unit. It is completely self-contained, with no external sensors required.

Once installed, Comfort Alert monitors vital data from the Copeland Scroll® compressor, quickly pinpointing the root causes of common malfunctions – everything from common electrical problems to broad system faults.

A flashing LED indicator quickly communicates the alert code and directs the service technician to the problem.

What Comfort Alert diagnostics mean to you:

Time is money. And time spent replacing good compressors or fixing preventable failures is money wasted. It's time you could better spend growing your business.

While Comfort Alert protects your customers' systems, it's protecting your reputation as well, because it offers greater troubleshooting accuracy. That means making the right diagnosis the first time, reducing the likelihood of compressor replacement, and cutting the number of callbacks you have to make.

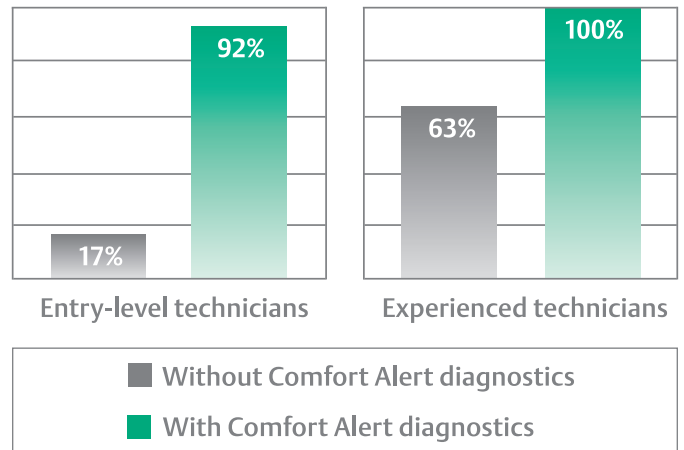
For more information:

To find out more about how commercial Comfort Alert diagnostics can help you maintain your reputation – and build your business – visit EmersonClimate.com



Problem-solving accuracy

Troubleshooting air conditioning system faults



Commercial Comfort Alert diagnostic codes

Alert code	System condition	Alert indicator blinks	Lockout
Code 2	System pressure trip	2 times	Yes
Code 3	Short-cycling	3 times	Yes
Code 4	Locked rotor	4 times	Yes
Code 5	Open circuit	5 times	No
Code 6	Missing phase	6 times	Yes
Code 7	Reverse phase	7 times	Yes
Code 8	Welded contactor	8 times	No
Code 9	Low voltage	9 times	No

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