

CoreSense™ Diagnostics for Copeland Scroll® compressors



Greater reliability and homeowner satisfaction *Fewer callbacks and expensive repairs*

CoreSense™ Diagnostics for Copeland Scroll® compressors is a breakthrough innovation to assist contractors in troubleshooting residential air conditioning system problems. By using the compressor as a sensor, CoreSense Diagnostics gives technicians insight into the system through the compressor, providing valuable information to help diagnose problems quickly and accurately, reducing costly callbacks. And, if conditions exist that could damage the compressor, CoreSense proactively shuts down the system. Homeowners enjoy peace-of-mind knowing their air conditioners and heat pumps will work without catastrophic failure and major repairs.



“By finding a way to draw more information from the Copeland compressor, Emerson’s CoreSense technology helps me achieve the reliability and costs savings I need, which is good for my business.”

– HVAC contractor

Reduce costly callbacks

Emerson’s CoreSense™ Diagnostics module makes today’s HVAC systems smarter. When put to the test, CoreSense Diagnostics for Copeland Scroll® compressors helped improve troubleshooting accuracy of an entry-level technician from 17 percent to 92 percent. Experienced technicians improved to 100 percent accuracy when assisted by CoreSense Diagnostics.

Unlock the power inside

Located conveniently in the control panel, Emerson’s CoreSense Diagnostics module strengthens the Copeland Scroll compressor by unlocking advanced capabilities for diagnostics.

Advanced algorithms and capabilities such as fault history and LED indicators allow technicians to diagnose the past and present state of the system for fast and accurate troubleshooting and less downtime.

In addition, by using the compressor as a sensor, CoreSense delivers active protection and diagnostic capabilities, avoiding costly failures and improving overall system reliability.

For improved system performance and homeowner peace-of-mind, make sure you install systems with Copeland Scroll UltraTech® compressors featuring CoreSense Diagnostics.

Visit EmersonClimate.com/CoreSense for more information.

Problem-Solving Accuracy – Troubleshooting Air Conditioning System Faults

