

As Good as New

Copeland™ Certified compressors are the preferred choice in the service aftermarket



By Michael Williams
Copeland Product Manager
Emerson



When you choose a Copeland Certified semi-hermetic compressor, you're selecting a replacement model that is as good as new.



Whether you're a contractor or an end user, selecting a replacement compressor is an extremely important decision for your business. From independent mechanic shops to large rebuilder organizations, the service aftermarket is comprised of a full spectrum of compressor rebuilders. But when you purchase from one of these unauthorized rebuilders, will the original manufacturer of the compressor stand behind the quality and reliability of your rebuilt compressor?

Unless it's a Copeland Certified compressor, they won't.

When you choose a Copeland Certified semi-hermetic compressor, you're selecting a replacement model that is as good as new. Every Copeland Certified compressor is remanufactured to the same engineering guidelines and production standards as our original equipment manufacturer (OEM) compressors. Our comprehensive auditing, testing and quality assurance programs ensure that every Copeland Certified compressor is built to deliver optimum reliability and performance in the field.

For contractors, this means you won't have to worry about a Copeland Certified compressor doing any harm to your reputation — due to installation challenges, safety issues or potential system failures. For end users, you'll have the peace of mind knowing that your choice of a replacement compressor will return your refrigeration system back to its optimum performance.

Copeland Certified compressor benefits

Certified advantage — built with the latest engineering guidelines; remanufactured to OEM specifications

Peace of mind — know that your replacement compressor will work as good as new

Reliability and performance — accept no compromises in system performance or degradation in energy efficiencies

Reputation protection — remove risks of system failure and performance issues from sub-par replacement compressors



More than 500 parts replaced or upgraded

All Copeland Certified compressors are put through an extensive renovation process that completely rebuilds them from the ground up. We examine every essential component to ensure operational integrity — replacing all outdated, discontinued or unfit parts according to Emerson’s stringent engineering and manufacturing guidelines. In all, more than 500 parts can be potentially evaluated for replacement or upgrade during the remanufacturing process as needed, including:



- Demand Cooling™
- Sentronic™ compatible oil pump
- Oil-suction screens
- Connecting rods
- Wrist pins
- Crankcase vent and oil-change valve parts
- Valves
- Aluminum pistons and rods
- Bearings
- Asbestos-free gaskets
- Electrical terminals
- Insulators
- Loctite® bolts

At the end of the day, this means you can rest assured knowing that every part or component meets our engineering standards.

Rigorous remanufacturing and testing process

To achieve Copeland Certified status, Copeland semi-hermetic compressors are put through a rigorous remanufacturing and testing process. This regimen of reliability starts with disassembly of a salvaged compressor into individual components. Then our expert builders inspect, clean, upgrade or replace each essential component — qualifying them according to the very latest engineering specifications.

Once compressors are reassembled, they’re subjected to Emerson’s exacting quality assurance and testing procedures. We perform a start-up run of every compressor, checking for leaks, motor performance and pressure integrity. Every day,

remanufactured compressors are selected via a random audit program to fully verify their performance and ensure that Copeland Certified compressors are restored to Emerson’s OEM specifications.

In fact, Copeland Certified compressors are remanufactured in the same state-of-the-art manufacturing facility — and on the same production lines — as our new OEM compressors. This production consistency delivers the following benefits and capabilities:

- Cellular manufacturing processes
- UL recognized and approved
- Use of all Copeland Certified parts

Nearly a century of commitment to the industry and our customers

For nearly 100 years, Emerson has been a pioneer and industry leader in the development of reliable, energy-efficient refrigeration and compression technology, but our commitment to our customers doesn’t stop there. Contractors and end users alike can benefit from our comprehensive training programs designed to help them stay informed of the latest technologies and best practices, such as:

- Compressor operation and service seminars (COSS)
- Supermarket operation seminars
- Service engineering assistance
- Computer education programs

The most trusted remanufactured compressors on the market

The result of all these quality-enhancing measures is that you get the most trusted remanufactured compressors for the refrigeration aftermarket from the industry leader in compression technology. If you need a service compressor that delivers unwavering reliability, unrivaled performance and superior safety, trust Copeland Certified. Remember: it’s only as good as new — unless it’s Copeland Certified.

Contact one of our 850 certified wholesalers to learn more and inquire about Copeland Certified compressors for your next installation.