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TO: **EMERSON CLIMATE TECHNOLOGIES WHOLESALERS**
       -EXECUTIVES
       -PRODUCT MANAGERS
       -EMERSON[TM] **TECHNICAL SPECIALISTS**
       -BRANCH PERSONNEL

SUBJECT: COPELAND SCROLL DIGITAL™ RETROFIT KIT

Emerson is pleased to announce the introduction of the Copeland Scroll Digital™ Retrofit Kit; a complete and convenient solution for in-field compressor replacements. This product is designed to help contractors take full advantage of the capacity modulation and precise temperature and humidity control achievable with the Copeland Scroll Digital compressor.

The Copeland Scroll Digital Retrofit kit includes all the necessary components to successfully retrofit an HVAC system in the field. Compatible with 3-15 ton compressors (or multiples up to 30 ton), the kit is applicable for roof-top or split commercial and residential unitary applications, chillers, AC heat pumps, or commercial refrigeration applications.

The Copeland Scroll Digital Retrofit Kit is available to order now.
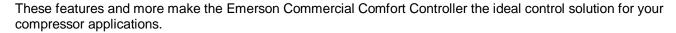
Table 1 – Digital Retrofit Kit Options

Service Kit	Compressor Models	Components
980-7000-00	ZPD34-54K5 ZPD61-91KC ZRD36-48KC ZRD61-81KC	Commercial Comfort Controller, Modulation Valve, 24V Coil, & Tubing Kit **Note: Need 085-0204-00 thermistor for ZRD81 & ZPD91 applications ¾" Line
980-7000-01	ZPD103-182KC ZRD94-125KC	Commercial Comfort Controller & 24 Coil
943-0175-00	Module Only	Commercial Comfort Controller

Features

The Copeland Scroll Digital Retrofit Kit features the new Emerson Commercial Comfort Controller and the necessary modulation valve, 24V coil, discharge line thermistor, and copper tubing needed for a complete compressor replacement. The Emerson Commercial Comfort Controller is a wall-mounted BACnet programmable thermostat that includes the functionality of compressor and system control.

Additional Features

- Built-in control sequences for dehumidification are standard in models with optional humidity sensor.
- User-friendly, high contrast, backlit, dot-matrix LCD display with five buttons for menu-driven configuration and operation.
- In addition to the built-in sensors, three (or six*) analog inputs are available for external sensors.
- During installation, easily select from the built-in, factory-tested library of configurable application control sequences.
- Configurable password protection with three levels of password-protected access for configuration, scheduling and set-point adjustment.
- Users can easily adjust the set-point and (if allowed) change system modes and fan speed.
- Built in scheduling with Weekly, Weekdays/Weekends, Daily, and Holidays options for easy configuration.
- Multiple built-in alarms and trend logs enhance system monitoring.

These features and more make the Emerson Commercial Comfort Controller the ideal control solution for your compressor applications.

For additional product performance, electrical, and mechanical information visit our website at www.EmersonClimate.com/DigitalRetrofitKit.

Contact your Distribution Services Sales Manager or Customer Service with any questions regarding this information.