Emerson Climate Technologies at a Glance

Emerson Climate Technologies is the world’s leading provider of heating, ventilation, air conditioning, and refrigeration solutions for residential, industrial, and commercial applications. We combine technically superior products and services from our industry-leading divisions and brands with our global engineering, design and distribution capabilities to create reliable, energy efficient climate systems that improve human comfort, safeguard food, and protect the environment.

Copeland Digital Scroll™
Advanced Technology for Stepless Capacity Modulation

For more details, see www.emersonclimate.eu
Features and Benefits
Copeland Scroll Digital™ compressor solutions up to 78 kW of cooling capacity.
- Widest modulation range: from 10% to 100%
- Immediate-load adjustment
- Stepless modulation
- Close temperature control: ± 0.5K
- Optimal comfort
- Low condensing capability
- No complex electronics & no need for additional components
- Simple system architecture
- Easy installation, commissioning and maintenance
- No EMI/EMC issues
- No impact on system mechanical balance
- No vibration and resonance phenomenon
- No frame / piping redesign work necessary
- Constant speed operation = easy oil return management
- High reliability due to less compressor starts and stops
- Reduced number of outdoor units for multiple evaporator systems
- Copeland Scroll™ axial and radial compliance for high reliability
- Low sound and low vibration level
- Multiple tandem compressor combinations for superior seasonal efficiency

R410A Digital Scroll™ Line-up

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R407C Digital Scroll™ Line-up

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