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in every degree.*

**COPELAND
TECHNICAL
TRAINING**

**TRAINING
MODULES**

COPELAND

COPELAND COMPRESSORS AND TOOLS

1 DAY PROGRAM

Introduction/Compressor Overview

- Copeland Refrigeration Compressors
- Copeland Discus Compressors
- Models and Applications
- Features & Benefits

Capacity Controls & Application

- Understanding Capacity Controls
- Digital Compressors – Semi Hermetic & Scroll
- Modulating with Variable Frequency Drives
- Electronic Superheat Controls

Tools and Apps

- Copeland Mobile
- Product Selection Software (PSS)
- WR Mobile



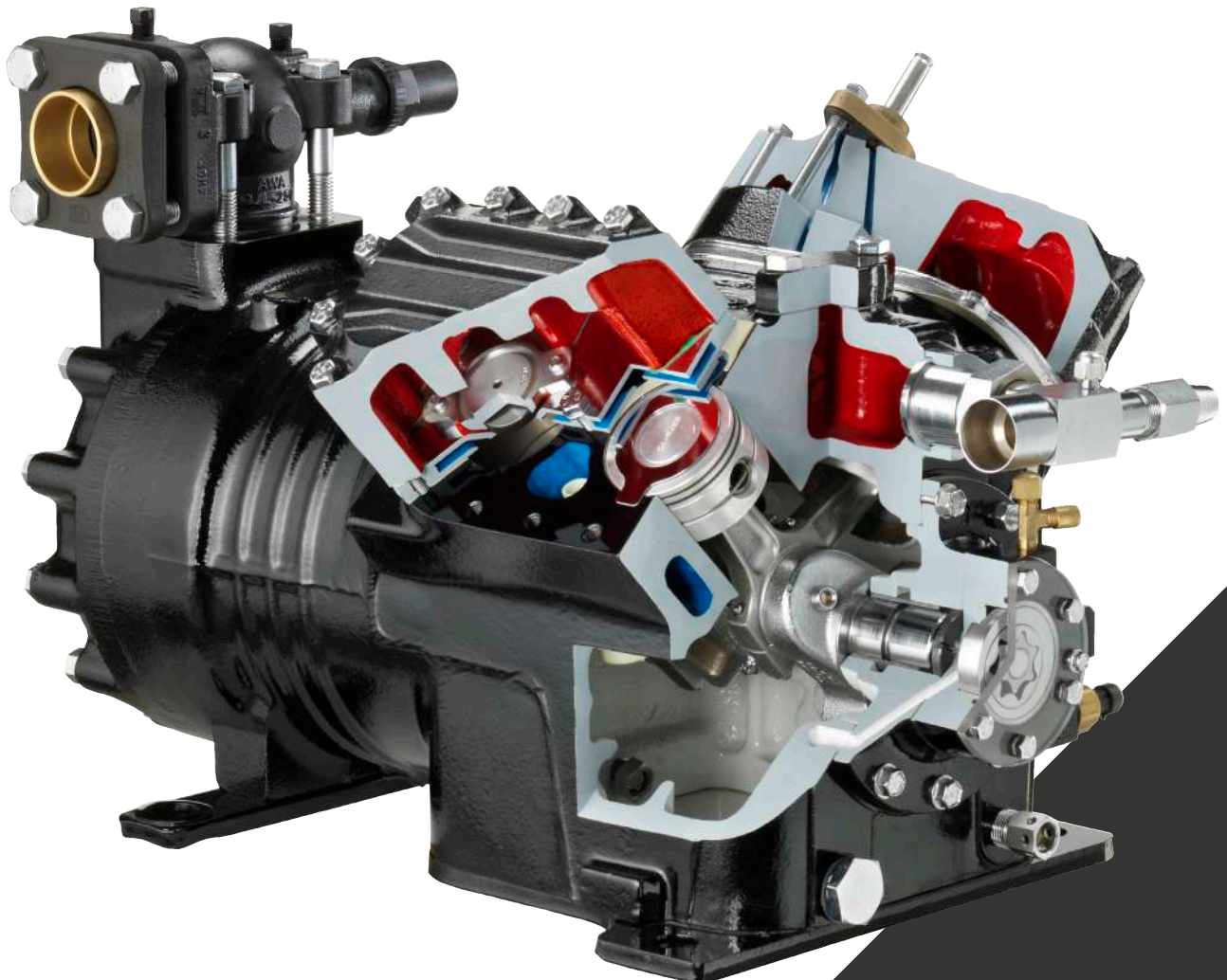
COPELAND

COPELAND COMPRESSORS TEARDOWN

1 DAY PROGRAM

Service & Troubleshooting/Teardown

- Compressor fundamentals and technologies
- Proper service practices
- Troubleshooting techniques
- Understanding common causes of failure
- How to diagnose system issues
- Oil management and controls
- CoreSense Protection Modules
- Hands-on diagnostics and teardown



COPELAND CO2 TRAINING

1 DAY PROGRAM

CO2 as a Refrigerant

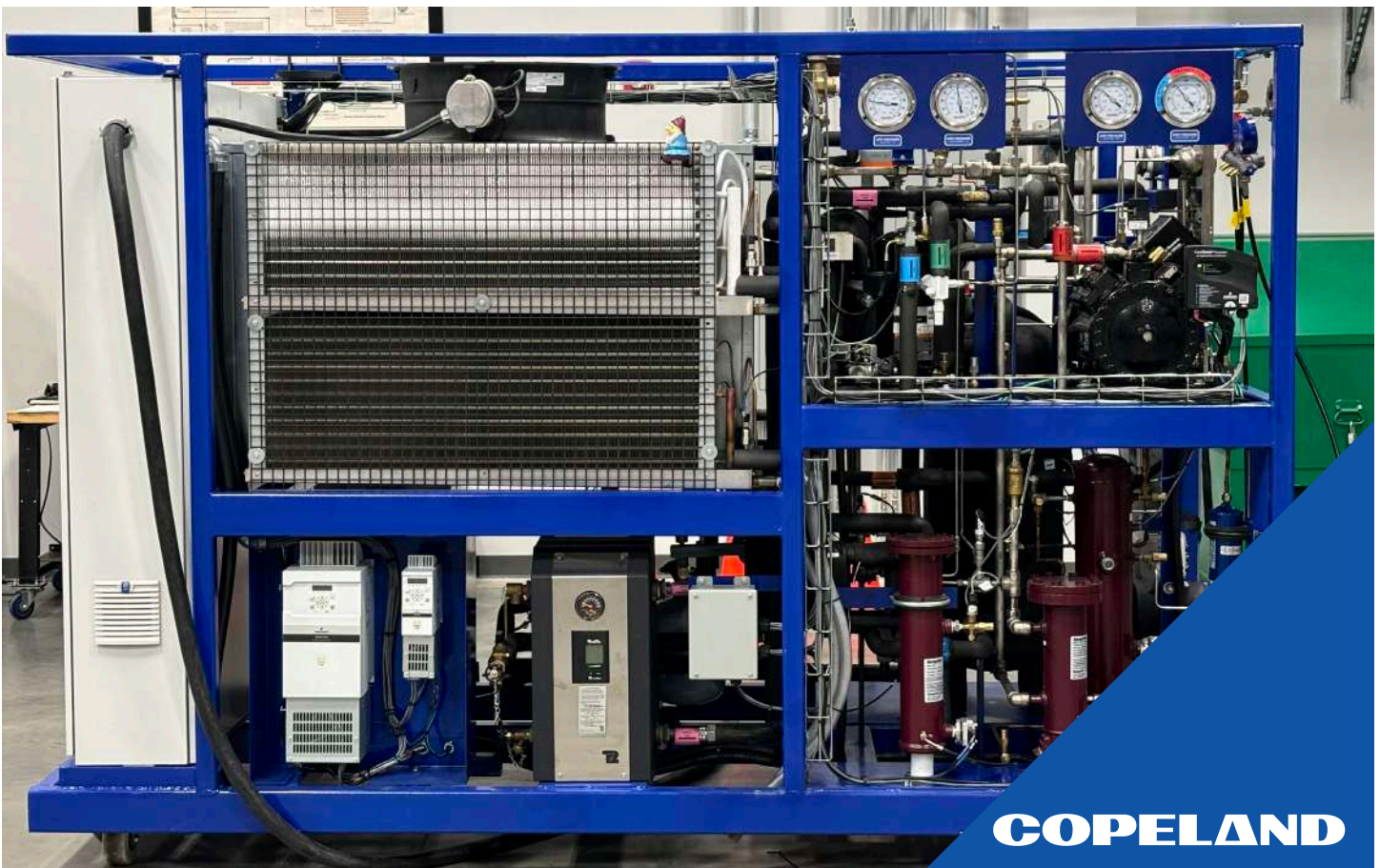
- Understanding current and proposed regulations
- Review of the refrigerant landscape
- Understanding the properties and benefits of using CO2
- Safety and handling

CO2 System Architecture

- Introduction to understanding system fundamentals: transcritical, subcritical, supercritical, and flash gas
- Understanding operating characteristics of subcritical vs transcritical

CO2 Installation and Maintenance (with the Copeland CO2 Mobile Trainer)

- Charging a CO2 system
- Start-up and shutdown sequences
- Oil management & controls
- System component identification
- Proper service & installation practices



COPELAND CONTROLS TRAINING

1 DAY PROGRAM

Introduction to the E3 Controller

- Understanding the E3 control architecture
- Navigating control functions of the E3 controller
- Learn basic functions of the E3 to create graphs, initiate defrost, and adjust settings
- Understanding alarm management
- Proper service & installation practices
- Troubleshooting



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