



**EMERSON™**

# Copeland™ Digital Outdoor Refrigeration Unit

X-Line Series



# Digital X-Line Series



Innovative

Energy Efficient

Flexible



# Applications



Display Cases • Walk-In Coolers • Process Chillers • Food Preparation

Convenience Stores



Restaurants

Supermarkets



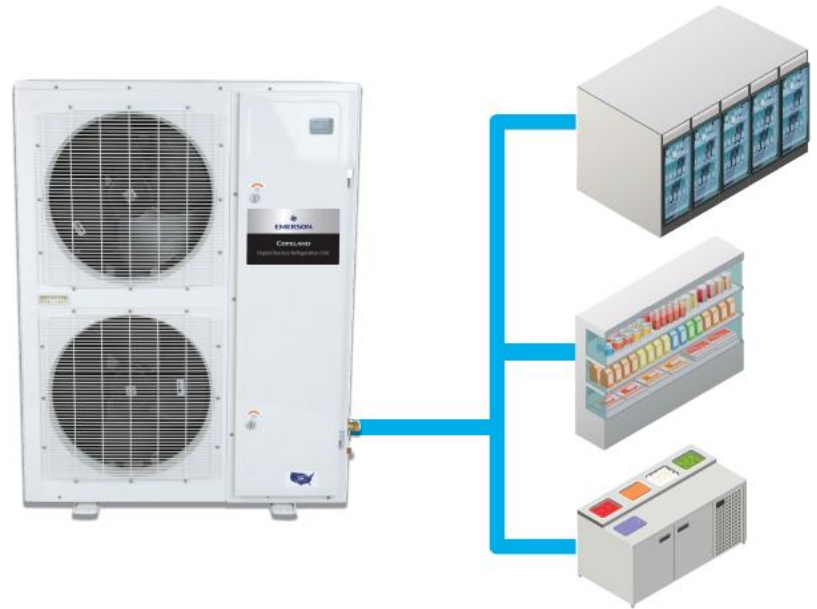
Industrial

# Features and Benefits



Digital, Multiplexing Technology

Multiple Cases Per Unit



## Capacity Range (95° Ambient)

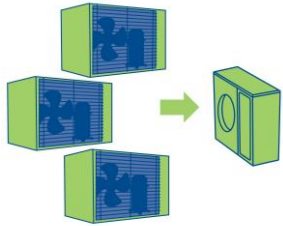
	Medium Temp R-404A +25°F evap																											
	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	
XFAM-030D																												
XFAM-040D																												
XFAM-050D																												
XFAM-060D																												

Refrigeration Load (kbtu/hr)

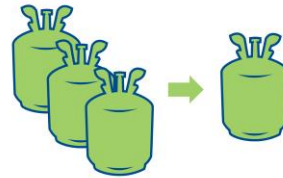
# Features and Benefits



## Installation Benefits



**Fewer Units to Install and Maintain**



**Reduced Refrigerant Charge and Line Sets**



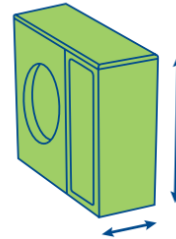
**Lightweight and Flexible Installation Options**



**Reduced Costly Call-Backs with Advanced Diagnostics**



**Simple and Quick Commissioning**



**Slim Chassis and Easy Installation**



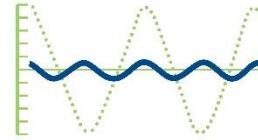
# Features and Benefits



## Operational Benefits



**Advanced  
Diagnostics**



**Tight Temperature  
Precision**



**Energy Efficient**



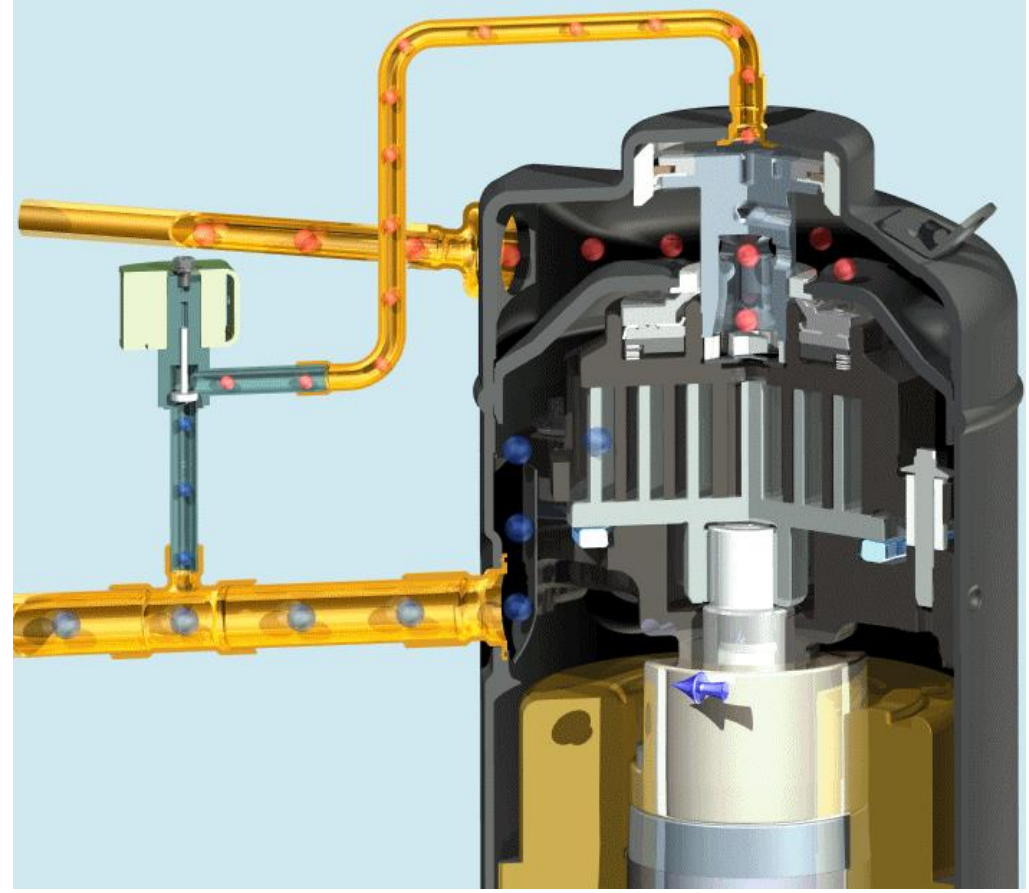
**Ultra-Quiet Operation**

# Features and Benefits



Capacity Modulation

100% down to 20%



# What's Inside?



## Heated and insulated receiver

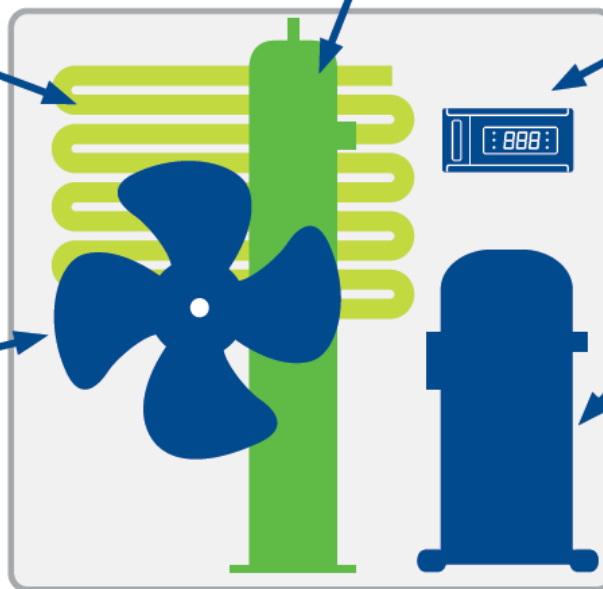
- Allows operation in low ambient temperature situations

## Larger condenser coils

- Increase energy efficiency
- Corrosion-resistant copper tube and coated aluminum fins

## Variable-speed fan motor control

- Contributes to quiet operation
- Provides efficient head pressure control



## Electronic controls

- Offer greater reliability than traditional mechanical controls
- Avoid nuisance service calls
- Allow technicians to diagnose issues quickly and accurately

## Copeland Scroll Digital compressor technology

- Based upon field-proven Copeland Scroll design
- Provides the most reliable, highest-efficiency compression available
- Available in 3 to 6 HP

## Digital technologies

- Variable-capacity modulation for precise temperature control
- Highly flexible load matching
- Linear power reduction relative to modulated capacity



# Copeland™ Outdoor Refrigeration Unit, X-Line Series



Check out our entire line of X-Line series condensing units.



SLIM  
PROFILE



CONNECTIVITY



QUIET



PROTECTION



ENERGY  
EFFICIENT



**AWEF Approved** ✓

Visit [Emerson.com/CopelandOutdoorUnit](https://www.emerson.com/CopelandOutdoorUnit)  
to learn more.



**EMERSON**™



Visit [climate.emerson.com/digitalxline](https://climate.emerson.com/digitalxline) for more information on our Copeland™ Digital Outdoor Refrigeration Unit, X-Line Series.