

Copeland™ Outdoor Refrigeration Unit X-Line Series

*Now available in 460V for
medium temperature applications*

The Copeland™ outdoor refrigeration unit, X-Line Series, is now offering a 460V option for 4.5-6 HP medium temperature applications in food retail. This new offering has the same benefits of our other fixed speed X-Line units.

The Copeland outdoor refrigeration unit was designed based on three factors:

Energy Efficiency

Scroll compressor technology, variable speed fan motors, large capacity condenser coils, and advanced control algorithms work together to significantly reduce energy consumption. These new units also comply with the Department of Energy's Annual Walk-In Energy Factor (AWEF) standards.

Reliability

Equipment reliability is greatly enhanced by combining the proven reliability of Copeland scroll compressors with advanced Copeland compressor electronics technology. Each unit has built-in diagnostics and protection that can alert and record alarms independently or communicate with building management systems.

Flexibility

The ultra-quiet variable speed fan motor significantly reduces exterior sound levels and is combined with a lightweight weather-resistant cabinet, slim footprint, and optional wall mounting capability to deliver unmatched installation.



Standard Features

- Pre-painted enclosures for corrosion protection
- Electronic defrost control with programmable defrost scheduling
- Brass service valves located externally for easy access
- Electronic low-pressure control for quick set-up and higher accuracy
- Receivers with pressure relief valve, liquid shut-off valve and charging port
- Easy to read moisture indicator
- Variable-speed PSC fan motors
- Advanced compressor electronics diagnostics
- Over-sized condenser coils with additional fin corrosion protection for coastal zones
- Light weight, slim-line profile for maneuverability and ease of installation
- All units are factory tested for braze joint leaks, wiring connections, electrical continuity and start-up performance
- Heated insulated receiver for low-ambient operation



Capacity and Efficiency

Medium Temp Capacity @ 95°F Ambient / 25°F Evap															
Unit	Comp.	R-134a		R-404A		R-407A		R-407C		R-448A		R-449A		R-507	
		Cap.	AWEF	Cap.	AWEF	Cap.	AWEF	Cap.	AWEF	Cap.	AWEF	Cap.	AWEF	Cap.	AWEF
XFAM-045Z	ZS33KAE	25500	-	39300	7.6	36600	7.6	35200	-	37400	7.6	37400	7.6	41400	-
XFAM-050Z	ZS38K4E	29300	-	44700	7.6	43200	7.6	42500	-	44000	7.6	44000	7.6	46400	-
XFAM-060Z	ZS45K4E	34600	-	52000	7.6	51000	7.6	49900	-	50000	7.6	51000	7.6	54000	-

This refrigeration system is designed and certified for use in walk-in cooler applications. See Emerson.com/CopelandOPI for complete specifications.

To place an order, select

Base Model **Electrical**

X	F	A	M	-	0	4	5	Z	-	T	F	D
Family = X-Line				045 = 4 ½ HP				TFD = 460V				
F = Multiple Refrigerant				050 = 5 HP				3ph-60Hz				
A = Air Cooled				060 = 6 HP								
M = Medium Temp				Z = Scroll								



Scan for more information or visit
Emerson.com/CopelandOutdoorUnit

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