

# Copeland small ZX outdoor refrigeration units

*This range of compact refrigeration units for food service applications consists of 3 models for medium temperature and 3 for low temperature.*

The plug & play ZX small units have the smallest footprint in their class which allows for time and space saving installation and easy building integration. Due to their light weight they can easily be installed on walls or roofs. The Copeland scroll compressor and sickle blade fan enable quiet operation, which is important in urban environments and residential areas.

The units are qualified for use with low GWP refrigerants in both low and medium temperature applications, giving the customer flexibility in refrigerant choice.

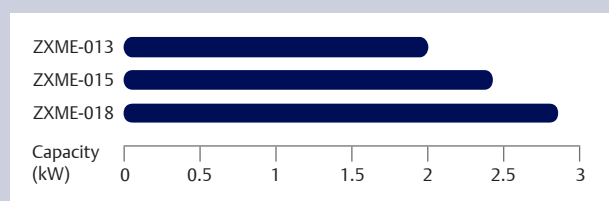
The refrigeration units are the future-proof choice for various applications:

- Convenience stores
- Cold rooms
- Food service
- Service stations

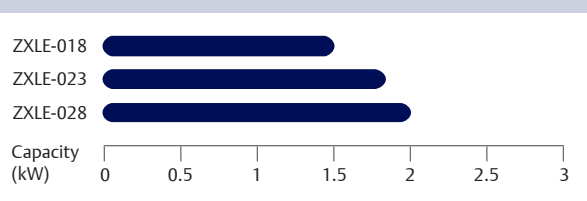


## Copeland ZX small line-up

### Medium temperature models



### Low temperature models



Condition EN13215, R448A/R449A: Suction Gas Return 20°C, Subcooling 0K

## Technical overview\*

Model	Displacement (m³/h)	Receiver Capacity (l)	Number of fans	Total Fan Motor Power (W)	Suction Line Diameter (inch)	Liquid Line Diameter (inch)	Width/ Depth/ Height (mm)	Net Weight (kg)	Motor Version/ Code	Maximum Operating Current (A)	Locked Rotor Current (A)	Sound Pressure @10m - d(BA)***
									3 Ph**	3 Ph**	3 Ph**	
Medium Temperature Models												
ZXME-013E	3.7	1.8	1	54	5/8	3/8	900/350/600	51	PFJ	7	45	37
ZXME-015E	4.4	1.8	1	54	5/8	3/8	900/350/600	51	PFJ	9	45	37
ZXME-018E	5.0	1.8	1	54	5/8	3/8	900/350/600	51	PFJ	10	54	38
Low Temperature Models												
ZXLE-018E	6.1	1.8	1	54	5/8	3/8	900/350/600	54	PFJ	14	57	37
ZXLE-023E	7.1	1.8	1	54	5/8	3/8	900/350/600	54	PFJ	16	74	37
ZXLE-028E	8.0	1.8	1	54	5/8	3/8	900/350/600	55	PFJ	18	82	38

Condition EN13215, R448A/R449A: Suction Gas Return 20°C, Subcooling 0K

\* Preliminary data

\*\* 3ph: 380-420V/ 50Hz

\*\*\* @10m: sound pressure level at 10m distance from the compressor, free field condition

## Features and benefits

### Standard equipment

- Copeland scroll compressor, crankcase heater, liquid receiver, service valves, double pressure switch, filter drier & sight glass
- Fan speed control
- External main power switch

### Energy savings

- Energy and operation cost saving due to excellent energy efficiency
- ZXLE models featuring enhanced vapor injection

### Increased reliability

- All units pass advanced factory test

### Quiet operation

- Copeland scroll compressor
- Low sound sickle blade fan
- Fan speed control

### Wide choice of refrigerants

- Multiple refrigerant approvals: R513A, R450A, R449A, R448A, R407A, R407F, R404A, R134a

### Designed for time and space saving installations

- Plug & play installation
- Smallest footprint in class
- Light weight
- Easy handling



For more details, see [copeland.com/en-gb](https://copeland.com/en-gb)

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