

# Copeland Scroll™ ZS\*KA compressor

For extended medium to high temperature refrigeration applications



## Improved efficiency and reliability plus quieter operation

The Copeland Scroll ZS\*KA compressor represents the latest innovation in compliant scroll technology for refrigeration equipment from 1-4 HP (9k-33k BTU/hr at medium temperature ARI). It is 8-22% more efficient than standard reciprocating compressors with 70% less moving parts for increased reliability.

The ZS\*KA models are intended for extended medium to high temperature refrigeration type duty and are ideally suited for applications such as walk-in, reach-in, coolers, soft serve and frozen carbonated beverage. These are wide-ranged, multi-refrigerant capable with lower sound and vibration recommended for supermarket, restaurant and convenience store operations.

## Key product advantages

- Eight to 22% EER improvement over competing hermetic reciprocating compressors
- With 70% fewer moving parts for increased reliability
- Superior liquid handling capability
- Smooth scroll movement for low sound and vibration
- Wide operating range from -25°F\* to 45°F
- Covers CR\*KQ, CF\*K6, RST\*C1 and CS\*K6 envelopes
- Qualified for R-404A, R507, R-134a, R-407A/C, and R-22 refrigerants

## Applications

- Walk-in and reach-in refrigerators, freezers
- Coolers and chillers
- Soft serve machines
- Frozen beverage machines

## Model summary

Model	Disp. (CFH)	Cap. (BTU/hr)	EER	Length (in)	Width (in)	Height (in)
ZS09KA	1.307	9,400	6.6	9.7	9.7	16.0
ZS11KA	1.538	11,200	6.6	9.7	9.7	16.0
ZS13KA	1.768	12,800	6.7	9.7	9.7	16.0
ZS15KA	2.079	15,500	7.0	9.7	9.7	16.0
ZS19KA	2.361	17,500	7.0	9.7	9.7	16.0
ZS21KA	3.108	23,400	7.1	9.7	9.7	17.2
ZS26KA	3.450	26,000	7.2	9.7	9.7	17.2
ZS29KA	3.865	29,400	7.3	9.7	9.7	17.2
ZS33KA	4.395	32,600	7.3	9.7	9.7	17.2

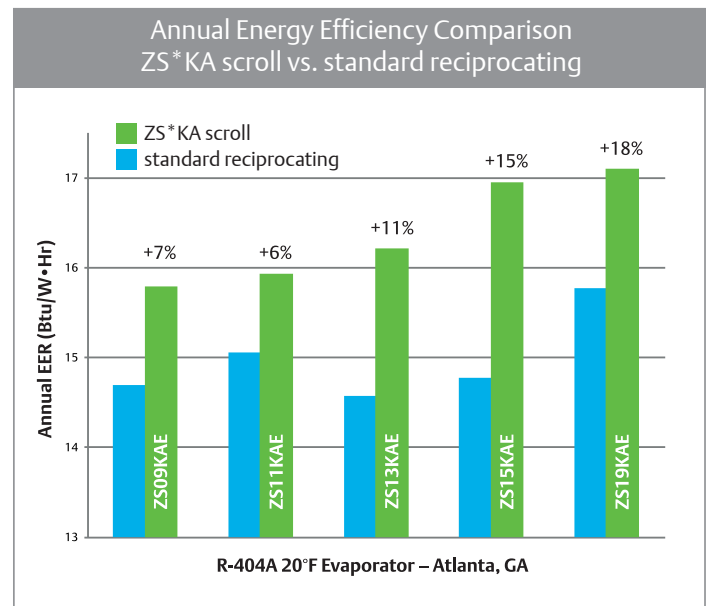
Capacity with R-404A at 20°F/120°F/65°F return gas 0°F subcooling

For more information about Copeland Scroll ZS\*KA compressors refer to Application Engineering bulletin AE4-1387 or visit [EmersonClimate.com/CopelandScrollZSKA](http://EmersonClimate.com/CopelandScrollZSKA)

\*With most refrigerants



Copeland Scroll ZS\*KA delivers best performance for extended medium to high temperature applications.



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