# Copeland Scroll™ ZS*KA compressors

Reliability and efficiency for restaurant and convenience store operators

Emerson Climate Technologies, Inc. offers a new solution for restaurant and convenience store operators. The Copeland Scroll™ ZS*KA compressor brings scroll reliability and efficiency into 1-4 horsepower applications (9k – 33k BTU/hr at the medium temperature ARI rating point 20/120).

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Annual Energy Efficiency Ratings of ZS*KAE scroll Vs. CS*K6E reciprocating

R-404A 20°F Evaporator – Atlanta, GA
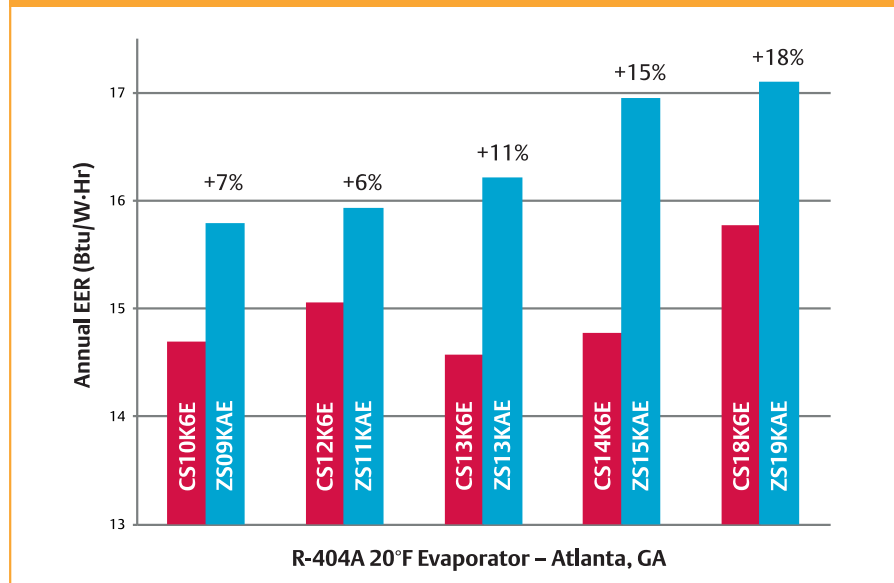
Copeland Scroll™ technology is an all around superior refrigeration solution:

- Smooth scroll movement leads to low sound and vibration.

- 15% EER improvement over competing reciprocating technologies.

- Smooth start and stop of a scroll means longer compressor life.

- 70% fewer moving parts than a reciprocating compressor means better reliability.

- Axial & radial scroll compliance provides improved liquid handling capability.

- Hermetic design reduces leak potential.

A wide operating range makes the ZS*KA a flexible solution for many refrigeration needs:

- Covers evaporating temperatures from -25°F to 45°F.

- Qualified for multiple refrigerants including:R-404A, R507, R-134a, R-407A/C, & R-22.

- Recommended for walk-in refrigerators and freezers, soft serve machines, frozen beverage machines.

ZS*KA 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 R404A at 20°F / 120°F / 65°F return gas 0°F subcooling

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