

Copeland scroll next generation 20-25HP

Copeland scroll next generation compressors offer the highest industry efficiency, with improved reliability.



Commercial AC compressors deliver the needed capacity in chiller applications while featuring a smaller size, lower weight, and lower oil circulation rate over existing models. Both models come with standard innovative CoreSense Communication for compressor system reliability.

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High efficiency

Environmental friendly

- Highest industry efficiency COP3.37
- Optimized for R410A application
- Enhanced vapor injection technology
20% heating capacity increase at -20° C outdoor environment



Robust reliability

CoreSense

- Integrated CoreSense technology
- IP54 T-BOX Protection for water and dust proofing
- Low oil circulation rate



Low sound

Low sound

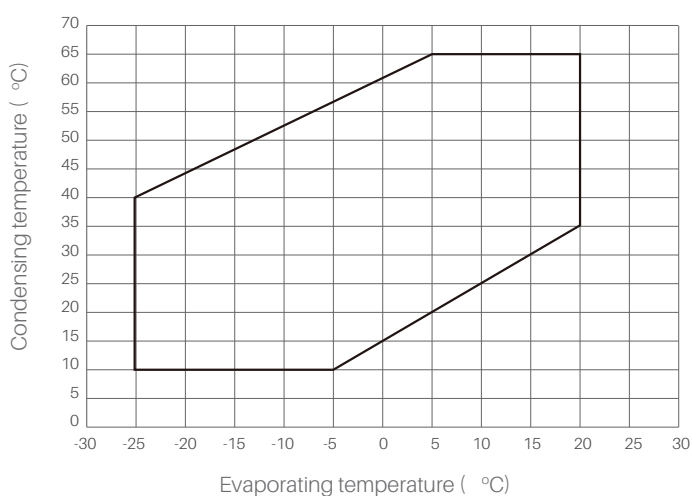
- Quiet operation with good sound quality

- Available in R410A, R32 in future
- Cost-effective design
- Improved reliability with low oil circulation rates
- Advanced scroll temperature protection (ASTP) protects against all typical causes of scroll overheating
- Variable volume ratio (VVR) scroll for heating application and part load performance
- CoreSense communication provides advanced protection, diagnostics & communication, enhances compressor performance and reliability

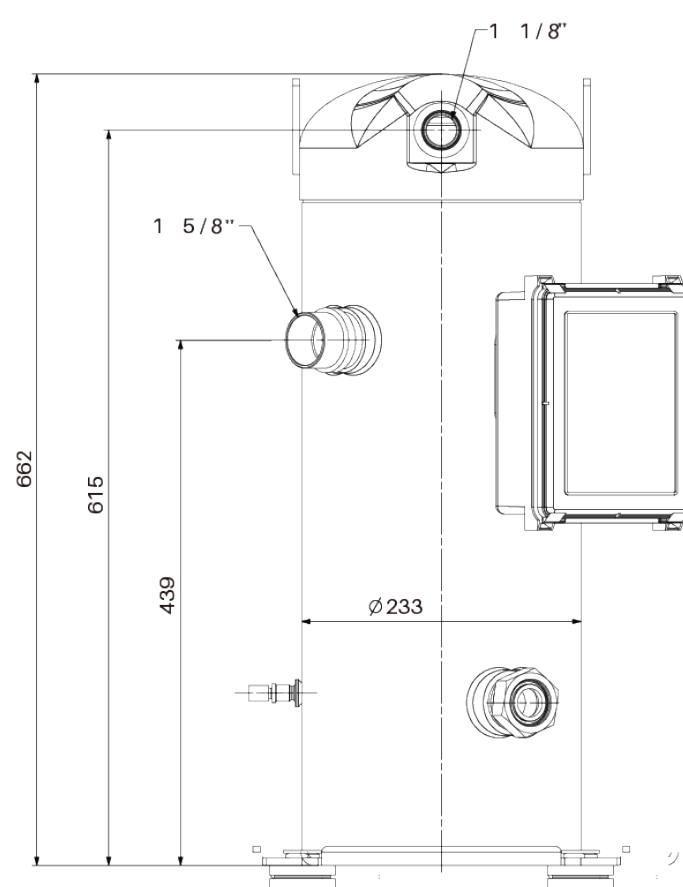
Technical data

Compressor model	Capacity kW	Input power kW	EER Btu/W	COP W/W	Net weight KG
ZP232KCE-TED	57.0	16.9	11.5	3.37	92
ZP292KCE-TED	71.5	21.2	11.5	3.37	92
ZP232KCE-TE7 ZP232KCE-TE5	57.0	16.9	11.5	3.37	92
ZP292KCE-TE7 ZP292KCE-TE5	71.5	21.2	11.5	3.37	92

Operating envelope



Operating envelope





About Copeland

Copeland, a global provider of sustainable climate solutions, combines category-leading brands in compression, controls, software and monitoring for heating, cooling and refrigeration. With best-in-class engineering and design and the broadest portfolio of modulated solutions, we're not just setting the standard for compressor leadership; we're pioneering its evolution. Combining our technology with our smart energy management solutions, we can regulate, track and optimize conditions to help protect temperature-sensitive goods over land and sea, while delivering comfort in any space. Through energy-efficient products, regulation-ready solutions and expertise, we're revolutionizing the next generation of climate technology for the better.

To learn more, visit copeland.com

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