

# Copeland hermetic compressors

*For medium temperature refrigeration applications*

## ***A cost effective hermetic solution***

Copeland hermetic reciprocating compressors provide cost-effective solutions to systems requiring a wide range of evaporating capability. More than 300 models are available including medium temperature R-404A models for food service, ice machines, soft serve machines, FCB machines, air dryers, and beverage dispensers.

## ***Optimized design***

Our line of 1/8 to 5 horsepower compressors has been improved. Some design enhancements include:

- New valve plates improve energy efficiency
- Unique suction mufflers lower sound
- Optimized motors improve starting
- Adhesive-coated gaskets improve liquid handling capabilities
- Redesigned bearing surfaces improve oil flow and reduce wear

The end result is the best hermetic compressor for refrigeration-duty applications.



## Flexible application

Versatility and a wide choice of operating ranges make Copeland hermetic compressors the first choice for every refrigeration need. The breadth of our hermetic line means system design engineers can match the right compressor to the job requirement for optimum energy efficiency. Our compressors are available to support worldwide equipment needs, with many choices of refrigerants and electrical variations, and every compressor is backed by Copeland's international reputation for quality and reliability.

You can always rely on the availability of Copeland hermetic compressors, regardless of quantity or time of year—because Copeland knows that speed and consistency are critical to the success of any new product rollout and we make sure equipment suppliers have what they need, when they need it. With authorized wholesaler distribution locations in North America, Copeland can ensure that products are always available to meet every customer need.



Model	Condensing unit	Displacement CFH*	Capacity 20/120	EER	Length (in)	Width (in)	Height (in)	Weight (lbs)
ASE12C4E-IAA	M4FH-0022	33.5	1355	4.4	10.5	6.4	7.4	22
ASE14C4E-IAA	N/A	40.1	1645	4.3	10.5	6.4	7.4	25
ASE19C4E-IAA	M4FH-0026	45.9	1900	4.2	10.5	6.4	7.4	23
ASE20C4E-IAA	M4TM-H025	53.9	2080	4.4	10.5	6.4	7.4	23
ASE24C3E-IAA	M4FM-A036	65.1	2290	4.1	10.5	6.4	7.4	26
ASE26C4E-CAA	N/A	65.2	2720	4.9	10.5	6.4	7.9	24
ASE32C3E-CAA	M4FM-0050	89.8	3330	4.5	10.5	6.4	8.1	31
ASE35C4E-CAA	MCFH-A049	89.8	3600	4.5	10.5	6.4	8.1	26
RST40C1E-IAA	N/A	93.2	3510	4.4	10.3	7.1	8.7	37
RST45C1E-CAA	M4FF-0056	107.7	4250	5.1	10.3	7.1	8.7	37
RST55C1E-CAA	M4FF-0075	129.1	5200	5.1	10.3	7.1	8.7	38
RST61C1E-CAV	N/A	151.7	6140	5.3	10.3	7.1	8.7	38
RST64C1E-CAV	FJAF-0106	166.1	6870	5.1	10.3	7.1	9.2	39
RST70C1E-PFV	FJAF-0125	151.7	7150	6.0	10.3	7.1	9.8	39
RST80C1E-PFV	FJAF-0126	176.1	8250	6.0	10.3	7.1	9.8	39
RST97C1E-PFV	FJAF-0130	194.4	9460	6.0	10.3	7.1	9.8	39

\*CuFt per hour at 60 Hz (cuF)

Capacity with R-404A at 20/120—40 return gas, 120 liquid

To learn more, visit [copeland.com](https://www.copeland.com)

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Engineered for Sustainability