

CO₂ Information Tool

Complete CO₂ Refrigeration System Support in One Place

CO₂-based refrigeration is quickly becoming a leading option for retailers seeking to meet environmental and energy targets while taking regulatory compliance out of the equation. Although CO₂ poses very little risk to the environment, its low critical point and high operating pressure (around 1,500 psig) require specific system design strategies to account for these characteristics.

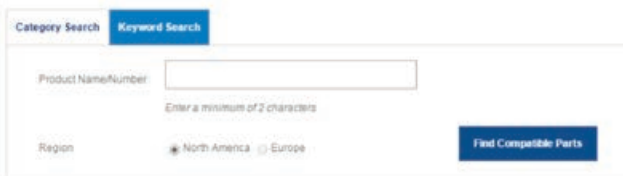
Emerson Climate Technologies has everything you need to make the move to CO₂. We are the only component manufacturer in the world that provides complete CO₂ system components in one place — from scroll and semi-hermetic CO₂ compressor technology to onboard diagnostics, electronic expansion valves and CO₂ high-pressure controllers.

Our CO₂ Information Tool helps you quickly identify every component needed for your application; everything you need to investigate your CO₂ system is available here.

Category Search

The CO₂ Information Tool will allow customers to easily access information related to Emerson's CO₂ products. Based on a user's selection of geographic region and product category, a listing of relevant components and accessories is displayed. In addition, important product specific information is listed.

Product Category: select > Compressors, Electronic Controls, Electronic Expansion Valves, Check Valves, Filter Driers – Hermetic, Filter Driers – Take-apart, High-pressure Electronic Valves, Moisture Indicators, Pressure Controls, Pressure Transmitters, Solenoid Valves, Refrigeration Ball Valves, Oil Management



Sub-Category: choose from available options based on your Category selection. For example, if Compressors was selected in the Category, select > Low-temperature or Medium-temperature.

Keyword Search

At any time you can click the **Keyword Search** tab and enter partial or full search parameters. For example, enter “ZO” to browse our Low-temp Scroll offerings.

View Results

Either search method will ultimately return product results. All the critical details are displayed per product. For example, Compressor products will include: Capacity, Horsepower (HP), Volts, MWP (maximum working pressure) Suction/Discharge (S/D), Standstill Pressure Suction/Discharge (S/D) and Agency Approval (UL-approved certification number).



Product Model	Nominal Capacity	Nominal HP	Volts/Ph/Hz	MWP S/D	Standstill S/D	Agency Approval
ZO21K5E Low Temp. Scroll	20,800 Btu/hr	1 HP	200/230V, 380V, 480V, 575V 3ph/60Hz	400 / 625 psig	500 / 500 psig	UL#: SA2337
ZO34K3E Low Temp. Scroll	32,000 Btu/hr	2 HP	200/230V, 380V, 480V, 575V 3ph/60Hz	400 / 625 psig	500 / 500 psig	UL#: SA2337

Click the **Accessories** button next to a particular product to view its compatible accessories.

For more information about a particular product, click the **Product Info** button. You will be directed to either a web page or product brochure.

To learn more about our complete CO₂ system product portfolio and identify what you need to make the move to CO₂, check out our CO₂ Information Tool at EmersonClimate.com/CO2Tool.



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