

## Calculations Made Easy with Panasonic's New CO<sub>2</sub> Refrigeration Calculator

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- **Saves the user valuable time**
- **Helps avoid miscalculations**
- **Simple, easy to use online tool**

**Wiesbaden, Germany, March 16, 2020** – Panasonic Heating & Cooling has introduced an innovative new online calculator, the CO<sub>2</sub> Refrigeration Designer, for its full range of cold chain, commercial refrigeration units. In a bid to enhance productivity, maximise efficiency and provide further support for Panasonic engineers, installers and technicians, this user-friendly online tool is designed to simplify calculations, ensuring the best solution and results are achieved.

Divided into five sections, which can be used individually or consecutively, the new CO<sub>2</sub> Refrigeration Designer includes: Evaporation Temperature Selection, Cooling Capacity Calculator, Refrigerant Pipe Calculator, Refrigerant Amount Calculator and EEV Quick Selection. Each section is clearly formatted and easy to follow, allowing for quick calculations at the touch of a button.

When working with a variety of products, of various sized solutions and all at one time, existing tools can be complicated to use and difficult to work with. Panasonic's new CO<sub>2</sub> Refrigeration Designer allows the user to make a complete selection starting with the desired temperature in the chamber, through to the selection of pipes and expansion valves, or individual areas as required.

Benefits of the new tool including not only helping save time, but also avoiding calculation errors. The estimated average time of calculation completion when using this tool is just two minutes, whereas pre-existing calculation tools can usually take up to an hour. For added convenience, the calculator can also be used on mobile devices such as smartphones or tablets with results being printed on paper or saved to a PDF.

The CO<sub>2</sub> Refrigeration Designer can be found on Panasonic's PRO Club <https://www.panasonicproclub.com>.

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## **About Panasonic**

Panasonic Corporation is a worldwide leader in the development of diverse electronics technologies and solutions for customers in the consumer electronics, housing, automotive, and B2B businesses. The company, which celebrated its 100<sup>th</sup> anniversary in 2018, has expanded globally and now operates 582 subsidiaries and 87 associated companies worldwide, recording consolidated net sales of Euro 62.5 billion for the year ended March 31, 2019. Committed to pursuing new value through innovation across divisional lines, the company uses its technologies to create a better life and a better world for its customers. To learn more about Panasonic: <http://www.panasonic.com/global>