



# 5 Benefits of the Blue e+

over traditional enclosure cooling systems



The Blue e+ is a new generation of cooling units that deliver unparalleled energy efficiency with speed-regulated components and patented heat pipe technology.



## ENERGY EFFICIENCY

- ▶ Energy efficiency is key to the total cost of ownership, and electricity consumption is a major element of operating costs.
- ▶ Hybrid technology combines compression cooling with a heat pipe.
- ▶ With a hybrid system, once the interior temperature reaches the predefined threshold, the compressor's speed decreases, lowering cooling output.
- ▶ The controller continuously monitors the temperature, and adjusts cooling output accordingly.
- ▶ This method saves energy, and increases compressor service life.



## FLEXIBILITY

- ▶ Using inverter technology, hybrid systems can be used universally. With different countries requiring 115V or 230V, these systems adapt to use either voltage.
- ▶ OEMs and distributors simplify inventory by needing to stock only one item for both cases.
- ▶ Logistics is also simplified by reducing the number of device variants and spare parts.
- ▶ The Blue e+ cooling units offer cooling capacities up to 6,000 watts and can be used in environments ranging from -30°C to +60°C



## NFC CAPABILITIES

- ▶ Blue e+ units offer password-protected Near-Field Communications (NFC), which allows operations personnel to interact with the unit with a smartphone.
- ▶ The NFC interface provides real-time performance data and, if needed, permits quick modification of the unit's settings.



## SIMPLICITY

- ▶ Standard cut-out sizes in enclosure doors and side panels, and simplified installation of fans, cables, and control panels, make installation and service quick and simple.
- ▶ A secure and accessible USB interface allows for efficient diagnostics using monitoring software. The data is gathered at a glance, including temperature and efficiency and more for all operating units.
- ▶ A touch-screen display on the front of all units provides all relevant information.
- ▶ System messages appear as plain text and are multi-lingual.
- ▶ Standardized communication interfaces also ensure easy integration in a production plant's control systems.



## SAFETY

- ▶ Thermal management protects sensitive components and extends their service life.
- ▶ Blue e+ also guarantees a stable, constant temperature compared with traditional cooling systems.



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See how Blue e+ can save you money on your energy costs by downloading the *ChillZone* app.



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