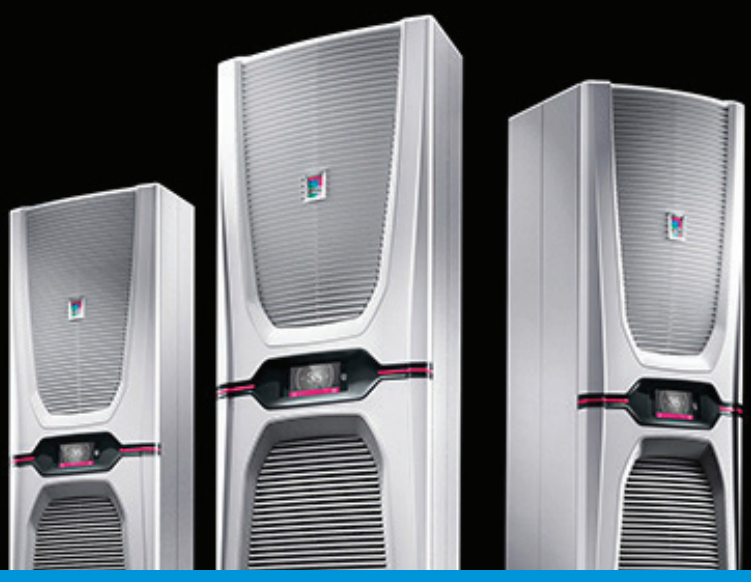
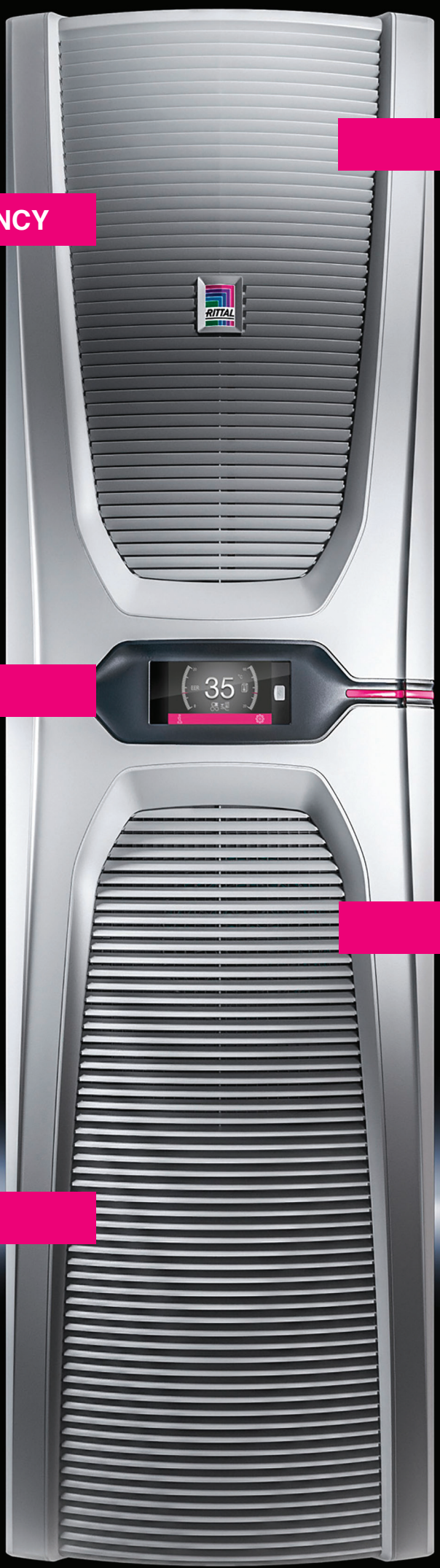
5 Benefits of the Blue e+

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

- Hybrid technology combines active, compressor-based cooling with a passive-cooling heat pipe. Using both active and passive cooling circuits provides greater energy efficiency and decreased electrical use.

IoT INTERFACE

- IoT-enabled climate control can know the current and expected temperatures and adjust fans or other cooling accordingly. Blue e+ module or Blue e adapter enable data from cooling units and chillers to be used in IoT environments to provide centralized management, custom alerts, and better integration.

LONGEVITY

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

FLEXIBILITY

- Different applications require different power sources such as 115V, 230V, or 400/460V. Using inverter technology, Blue e+ air conditioners have multi-voltage capability allowing them to work with virtually any standard voltage.
- OEMs and distributors simplify inventory by needing to stock only one item.
- 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 -20°C to +60°C.

SIMPLICITY

- Standard cut-out sizes in enclosure doors and side 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.