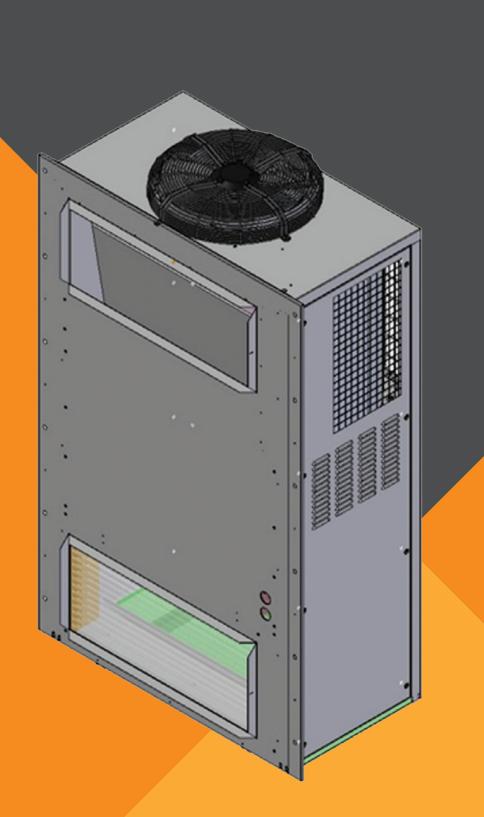


# Liebert<sup>®</sup> SCU

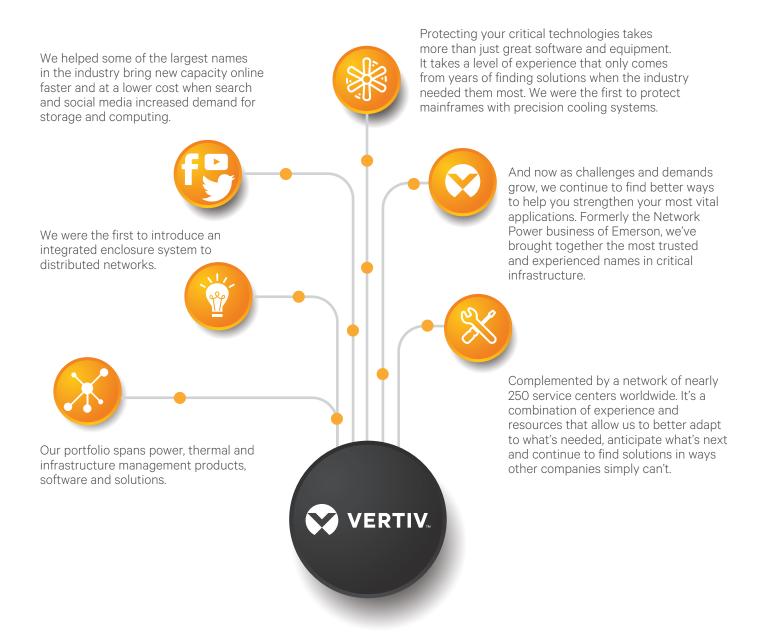
Self-Contained Air Conditioner for Telecommunications



### Enabling Tomorrow's CRITICAL EDGE INFRASTRUCTURE







## Liebert® SCU

Self-Contained Air Conditioner for Telecommunications



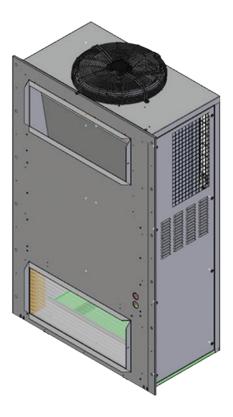
Liebert SCU Emergency Freecooling Unit provides the most advanced thermal management solution, through its inovative emergency cooling technology and air-to-air heat exchange.

#### The Highly Efficient Emergency Freecooling Unit

The Liebert® SCU emergency cooling system is equipped with the most advanced industry technology, including emergency air-to-air heat exchange and emergency cooling technology all in one footprint, ensuring top energy efficiency and minimized operating costs.

The Liebert SCU is capable of reducing air temperatures by leveraging on the emergency cooling principle. The process involves the evaporation of pressurized water which cools the surrounding air. Through this technology, the unit can thus achieve pPUE levels of 1.03, ensuring minimum power input and reduced CO2 emissions. Liebert SCU operates in different functioning modes according to the external air conditions. Its integrated chilled water coil or direct expansion compressors ensure the unit's operation even in climates characterized by extreme humidity levels or severe temperature peaks.

Liebert SCU delivers substantial reductions and savings in terms of electrical infrastructure and equipment. With the unit being installed externally, the internal white space is reduced to a minimum ensuring ease of system installation and maintenance. All of these features significantly reduce shelter TCO.





#### **FEATURES**

- 3-in-1 Best Cooling Solution for Telecom Equipment
- Highly reliable design for outdoor
  Application
- Available with highest reliability parts
  Scroll Compressor
  - Backward Curve Direct Driven EC Cooling Fan
- Embedded Condenser Fan Motor
- Best-in-class Damper MotorIntelligent Controller
- Intelligent Controller
- Designed for 24 X 7 Application at 45°C Ambient Temperature



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