Precise Control

Accurately controlling temperature and humidity is critical to ensuring that inventory is ready for customers. Optimizing the many refrigerators and freezers responsible for that is the key to managing operating costs.

Reduce Your Operating Costs

When controlling refrigerators and freezers means controlling the bottom line, look to Schneider Electric. With EWSense from Eliwell and Schneider Electric, real-time wireless temperature monitoring and control is made simple and eliminates the need for someone to gather data on-site for reporting.

These new smart solutions deliver greater efficiency and control for today’s demanding refrigerators and freezers operations.
Flexibility and control for real-time temperature and humidity management

When controlling temperature and humidity means controlling the bottom line, look to EWSense from Eliwell and Schneider Electric. Control refrigerators and freezers in real time simply and wirelessly from across your facility. Optimize your operation by tracking performance and energy consumption over time with detailed reporting. EcoStruxure connectivity provides the flexibility to manage these systems from your desktop or your mobile device.

Wireless temperature and humidity sensors

EWSense wireless sensors offer a temperature metering range of -86°F to +131°F and a humidity metering range of 0 to 100%. These battery operated sensors provide a two-minute transmission interval, a maximum transmission distance of 30m and a two year operational life.

Wireless receiver module

EWSense Gate wireless sensor receiver modules manage up to 60 individual sensors reporting on temperature and battery level for each connected sensor. These receivers offer an RS-485 serial port, utilize Modbus RTU communication protocol and operate on a 24…240V power supply.

EcoStruxure connectivity, cloud networking

EcoStruxure delivers connectivity and control for real-time field operation data acquisition and remote monitoring. Conveniently accessible via Web or mobile app, dashboards include threshold settings and real-time alarms for easy monitoring and management. EcoStruxure provides detailed data reporting on the data points being monitored. Operation performance assessments and energy consumption analysis aid in cost reduction and facility optimization.

For more information and product references, please visit schneider-electric.com