



# Case Control Features

## Advanced Management By Design

Implementing precise control features requires:

- **a combination of quality hardware** (*sensors, motors, heaters*)
- **advanced control logic** (*algorithms, setpoint management*)
- **straightforward user interfaces** (*control panels, software interfaces*)

The OLPP™ with Sensori™ integrates these controls effectively while ensuring system stability, energy efficiency, and user-friendliness.

### Temperature & Humidity Control for Individual Cases

Sensori™ incorporates temperature and humidity control within individual cases and ensures that products are stored under optimal conditions. This includes maintaining specific temperature and humidity ranges for various products.

### Multiple Defrost Setups

Defrosting is crucial to remove ice buildup on evaporator coils. Sensori™ easily accommodates different cases or sections that might require varied defrost schedules based on factors like humidity, usage patterns, and other environmental conditions.

### System Logging and Graphing

System logging involves recording operational data and events of the refrigeration system over time. Graphing these logs can help in analyzing system performance, identifying anomalies, and making informed decisions about maintenance and optimization.

### Built-in Control for Evaporator Fan Systems

Evaporator fans circulate air within refrigerated cases. Sensori™ delivers precise control for efficient fan management. Every individual case control is equipped with Electronically Commutated Motors (ECMs) that offer variable speed control, which improves energy consumption and overall efficiency. Modulating ECM speed based on factors like room temperature, evaporator temperature, or humidity helps optimize cooling and energy usage.

### Anti-Sweat Door Heaters on Temperature

Anti-sweat heaters are used to prevent condensation and frost formation on doors and frames of refrigerated cases. Sensori™ activates these heaters based on temperature thresholds and helps prevent excessive energy usage while ensuring efficient anti-sweat control.

