

# SMART COMMERCIAL REFRIGERATION



## JEAc

A low cost electronic temperature controller with LED display and plug-in connectivity for commercial refrigeration, display cabinets and freezers.

### Energy Saving

The JEAc optimises the system's operation to match store opening times from the detection of the door switch. The JEAc switches between peak and off-peak, adjusting the temperature set point and the status of the lights.

### Precise Control

The JEAc provides maximum flexibility and complete control with 3 controlled outputs, 3 input sensors, and nearly 100 configurable parameters via the GUI or display ensuring the cooler's operations are optimised for the exact requirement.

### Reliable and Long Life

Built-in voltage protection and zero voltage crossing help protect not only the JEAc but the full refrigeration system to ensure the cooler runs more efficiently and for longer.

### Intelligent Timers

The JEAc monitors off periods caused by high/low voltage and blackouts and adjusts the delay timers to avoid excessive downtime.

### User-friendly Display

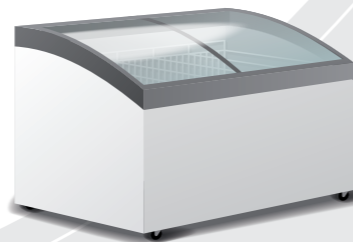
The display uses modern bright LEDs to illuminate numbers and icons, providing User-friendly Display high contrast between illuminated/nonilluminated number segments and icons for enhanced visibility and readability.

### Customisable Design

Display LEDs and front faceplate available in a range of colours ensuring full integration with any cooler aesthetics.

### Installation

Flexible, discreet installation via the front screw mounting system for fast and easy installation or via the traditional rear mounting clips.



**>90 CONFIGURABLE SETTINGS**  
Fully customise a wide range of controller settings to ensure coolers operate exactly as required.

**INSTALLATION**  
Flexible Design - Front or rear mounting options available with customisable coloured faceplate and LEDs.

**DIGITAL DISPLAY**  
3-digit LED display with 5 controller status icons and °C/°F scale indicators.

**X3 CONTROLLED OUTPUTS**

**X2 TEMPERATURE SENSOR INPUTS**

**1X DOOR SWITCH**

**5 MONTH BACK-UP BATTERY**  
Location tracking even without mains power.

**WI-FI GEOLOCATION**  
Track cooler location and movement to prevent theft/unauthorised movement.

**2G, CAT-M, NB-IOT, CONNECTIVITY**  
Remote monitoring and management of coolers from the online portal.

**ACTIVITY MANAGEMENT**  
Monitor cooler usage for improved sales forecasting and POS strategic decision-making.

**BLUETOOTH**  
Technical diagnostics application for field technicians as well as providing customer engagement opportunities.

**TECHNICAL ANALYSIS**  
Analyse real-time and historical data for cooler health, performance and troubleshooting.

**MOVEMENT DETECTION**



## GMC4

All-encompassing asset tracking device to provide Sollatek controllers with advanced connectivity and management capabilities.

**Sales/Customer Insight**  
Analyse cooler door openings to predict sales and gain insight into customers' buying behaviour (when, where and what they are buying) to better build sales and marketing strategies.

**Cooler Health Monitoring**  
Ensure consistent cooler operation for product quality assurance with real-time and historical data analysis of operational and performance from connected sensors and controller status.

**Field Support**  
Optimise maintenance personnel schedules by sending them only to coolers that require attention.

**Customer Engagement**  
Push notifications/promotions to the phones of nearby customers to help influence purchases at the point of decision making.

**Remote Configuration**  
Update controller firmware and settings via the portal or phone app to ensure the controller is fully up-to-date and set to operate is required without having to visit the cooler location.

**Cooler Location**  
Track cooler location and be notified in the event of unauthorised relocation to increase successful recovery. Remotely block the cooler's operation to prevent continued usage of the cooler after it has been stolen.

**Error/Fault Alerts**  
Early fault diagnostic and error notifications to prevent/reduce any downtime or serious damage to the cooler.

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