



KitchenEssentials™



75LCT Lead Lag

CONTINUOUS COLD STORAGE: ENSURES UNINTERRUPTED OPERATIONS

The Kitchen Brains 75LCT Lead Lag is the intelligent control for critical refrigeration that uses a primary and a backup refrigeration system. The 75LCT Lead Lag continuously monitors the primary refrigeration system. In the event of a primary system failure, the 75LCT Lead Lag will immediately alert the operator and automatically switch to the backup system, ensuring uninterrupted cold storage and preventing spoilage or an elevated temperature condition. This user-friendly system prioritizes food safety, operational efficiency, and energy savings. With real-time temperature monitoring, instant alerts for fluctuations and alarms, and automated features like Autoset™ technology, the 75LCT Lead Lag helps you minimize spoilage, reduce waste, and ensure compliance with food safety regulations.

Enhanced Food Safety: Real-time temperature monitoring and alarms prevent spoilage and ensure product integrity.

Unmatched Operational Efficiency: Eliminate manual checks and minimize downtime with instant alerts for fluctuations, power outages, and open doors.

Energy Savings that Matter: Automated light control and optimized refrigeration operations reduce energy consumption and lower operational costs.

Increased Employee Safety: Optional panic alarm button for employee safety.

Future-Proof Technology: The 75LCT Lead Lag embraces IoT with remote monitoring.

Optional Accessories

75LC Communicator – Remote Off-site Monitoring

The 75LC Communicator empowers you with remote notification capabilities, allowing you to monitor your refrigeration system's health and receive instant alerts when off-site.

MD-1™ Patented Automatic Light Control

Automatically controls lighting to save energy and eliminate the need for manual light switches.

Illuminated Push Button Entrapment/Panic Alarm for Operator Safety

Provides an optional emergency alert feature to enhance operator safety via an illuminated alarm button in case of entrapment.

KitchenBrains®

Commercial Kitchen Intelligence

www.KitchenBrains.com | 800.243.9271

Features & Benefits

Product Integrity & Loss Prevention

Helps you manage optimal storage conditions, preventing spoilage and ensuring product quality and loss prevention.

Lead Lag Functionality

Provides advanced temperature control by incorporating a lead/lag sensor configuration. This allows for precise temperature management in multi-temperature applications. In the event of a temperature alarm, the 75LCT Lead Lag-LL will automatically switch to the backup refrigeration system to prevent spoilage or an elevated temperature condition.

User-Friendly Touch Screen Interface

Intuitive platform for easy control and monitoring of system settings.

Compact & Versatile Design

Suitable for flush or surface mounting in a single-gang weatherproof enclosure, saving space and ensuring durability in various environments.

Universal Power Supply (100v-240v, 50/60 Hz) with Built-in Rechargeable Battery

Works globally with wide voltage compatibility and includes a rechargeable battery with recharging circuitry for backup power during outages.

Temperature & AC Failure Alarms

Alerts users to temperature fluctuations and power outages, protecting products from spoilage and minimizing product loss.

Energy-Efficient Door Ajar Alarm

Reduces energy consumption by alerting when doors are left open to prevent coil icing, lowering maintenance costs and improving system efficiency.

Preventive Maintenance Features: "Clean Condenser" Reminder

Promotes regular maintenance by reminding operators to clean the condenser, extending the life of the equipment.

Bluetooth Connectivity for Real-time On-site Monitoring

Onsite monitoring via Bluetooth.

Specifications

Dimensions

- 10.72" L x 4.77" W x 2.05" D

Power Supply

- 90-240VAC @ 100mA max

Ambient Temperature

- -10°C to 52°C

Cable Length

- 30 meters max

Lights Relay

- 600W, 120/240VAC

Alarm Relay

- 1A, 28VDC (RESISTIVE) CLASS 2

Lead Lag Relay

- 120/240VAC @ 6 AMP; 28VDC @ 6 AMP

