KitchenEssentials™

Modularm Plus™

THE FUTURE OF REFRIGERATION CONTROL

Modularm Plus* is an advanced refrigeration controller that optimizes system performance and enhances food safety. Featuring precise temperature and humidity control, advanced defrost management, and intelligent compressor and fan control. Modularm Plus minimizes energy consumption, reduces maintenance costs, and ensures consistent product quality. With an intuitive interface and robust features like Bluetooth connectivity, Modularm Plus provides reliable and efficient refrigeration solutions for a wide range of applications.

Compatible & Cost Effective: Flexible compatibility with a wide range of refrigeration systems, minimizing the need for multiple control units and inventory costs.

Energy Efficiency: Modularm Plus enhances energy efficiency, reduces maintenance costs, and improves system performance.

Innovative and Future-Proof: Designed for the future with advanced connectivity options and the ability to integrate with emerging technologies, ensuring your refrigeration products remain connected.

Reduce Engineering Time & Costs: Pre-engineered and integrated solution, minimizes development time and reduces engineering costs.

Differentiate Your Refrigeration Products: Easily add advanced features and superior performance to existing refrigeration systems, giving you a competitive edge in the marketplace.

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

*Patent Pending

Features & Benefits

Alerts & Alarms

Temperature & Power Alarms: Notify users of temperature changes or power outages to prevent product spoilage.

Door Ajar Alarm: Alerts when doors are left open, reducing energy use, preventing coil icing, and lowering maintenance costs.

Temperature Management

Precise Control: Lead/lag sensors ensure accurate temperature management across multi-temperature applications. Automatically switches to backup refrigeration during alarms to prevent spoilage.

Evaporator & Condenser Monitoring: Dual sensors maintain optimal cooling performance, protecting products.

Humidity Control: Regulates humidity to preserve product quality and freshness.

Rapid Cooling: Accelerates cooling and stabilizes temperatures when paired with lead-lag systems, reducing spoilage.

Defrost Management

Powerful Defrost Relay: 30-amp output efficiently controls defrost cycles to prevent ice buildup and equipment damage.

Flexible Scheduling: Supports up to four defrost cycles per day for various applications.

Reliable Defrost Settings: Adjustable duration, temperature, and lockout minimize energy use and protect equipment.

Versatile Modes: Compatible with both air and electric defrost options for broader system support.

Demand-Based Defrost: Triggers defrost only when needed, optimizing energy efficiency.

Optimized Operation & Maintenance

Compressor Optimization: 30-amp relay adjusts compressor operation to reduce energy use and extend system life.

Energy-Saving Run Time: Limits compressor cycling to enhance efficiency and lower maintenance costs.

Enhanced Airflow Control: 30-amp evaporator fan relay improves cooling efficiency and reduces energy use.

Customizable Fan Modes: Adjustable run times, delays, and speeds reduce noise and energy consumption.

Condenser Reminder: Alerts operators to clean the condenser, extending equipment lifespan.

Door Heater Relay: Prevents ice on door seals, enhancing efficiency and saving energy.

Connectivity

Bluetooth Connectivity: Real-time on-site monitoring via Bluetooth.

Reliable & Versatile Design

Touch Screen Interface: Intuitive controls for easy system monitoring and adjustments.

Flexible Mounting: Supports flush or surface installation in a durable, space-saving enclosure.

Universal Power Supply: Operates globally (100-240V, 50/60 Hz) with a rechargeable battery for backup during outages.

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