MB MASTER-BILT®
Refrigeration Solutions

MONITORING SOLUTIONS

For Walk-In Coolers and Freezers

Door, temperature, and power monitoring solutions designed to help protect products and improve operational efficiency.





www.master-bilt.com

STANDARD THERMOMETER AND LIGHT SWITCH

- Standard feature on all Master-Bilt walk-ins
- Light switch and digital thermometer combined in one component
- Indoor or outdoor installation
- LED Temperature display with °F/°C capability
- Light switch and cover
- Waterproof "elbow-engaged" illuminated light switch allows operators to turn on light easily, even with hands full
- 120 volt, 15 amp direct power
- 1 minute or 3 minute display update
- Digital display easy to read in all ambient conditions
- -40°F to +230°F range
- UL, NSF, C-UL, CE approvals/listings
- Optional battery back-up and 230 volt electrical



OPTIONAL ALARM AND LIGHT MANAGEMENT SYSTEM

- Open-door and interior light-on warnings save energy and protect food safety.
- -40°F to +230°F range
- Hi/low temperature alarms with delays
- Light timer for automatic shut off
- Easy to set alarms

OPTIONAL PACKAGES

- Wall mount box with external 85db pulsing buzzer
- Door open alarm and automatic light switch
- Remote phone dialer
- 2 circuit phone dialer
- 2 channel digital input
- 4 programmable phone numbers for each channel
- Occupancy sensor for light operation and panic alarm
- Extended temperature sensor 30'
- Remote buzzer box
- Field retrofit option – all door styles

Best for: Customers who want local temperature and door-open alarms with automatic light control to improve food safety and reduce energy waste.



1. Alarm Cancel
2. Low Temp Alarm Setting
3. High Temp Alarm Setting
4. Programming Keys
5. Light Switch With Auto Off



Optional wall mount box with external buzzer and automatic light switch

DAC-55 AND DL-35 DOOR MONITORS

- Built-in strobe light and approximately 100 dB piezo horn
- Field-adjustable 5–45-minute door-ajar delay
- Alarm relay for remote or energy-management systems
- Automatic fan and solenoid shutoff when the door is open
- Helps reduce coil icing and compressor wear
- ETL Listed (UL 464A / CSA C22.2 No. 205)





These models do not monitor temperature. Pair with a 75LC or 75LCT when temperature monitoring is required.

Best for: Customers who need the loudest, most attention-grabbing door alarm and already have temperature monitoring covered.

75LC MULTI-MONITOR

- 80 dB audible and visual alarms
- Monitors door-ajar, temperature, and power-failure conditions
- HI and LO temperature alarm setpoints with patented Autoset™ — no manual programming required
- Temperature range: –40°F to 125°F, ±1°F accuracy (–25°F to 70°F)
- Standard 25′ sensor line
- Rechargeable battery backup keeps alarms active during outages
- Compact single-gang flush or surface mount



Text and email alerts require a 75LC Wireless or Wired Communicator.

Best for: Customers seeking dependable local door and temperature monitoring in one compact, cost-effective unit.

75LC MULTI-MONITOR

- Touchscreen door-ajar, temperature, and AC-power status
- 80 dB audible and visual alerts
- Temperature range: –40°F to 125°F, ±1°F accuracy (–25°F to 70°F)
- Clean Condenser preventive-maintenance reminders
- Universal 100-240V power
- Rechargeable battery backup
- Bluetooth connectivity for firmware updates and onsite mobile app monitoring
- RS232/RS485 system integration
- Automatic accessory detection (panic buttons, motion detectors, communication attachments)
- Optional Lead-Lag support for redundant refrigeration systems



Requires an easy-attach communication dongle for remote text and email notifications.

Best for: Customers who want a touchscreen interface, Bluetooth troubleshooting, accessory support, and greater integration flexibility.

COMPARISON

FEATURE	STANDARD THERMOMETER & LIGHT SWITCH	OPTIONAL ALARM & LIGHT MANAGEMENT	DAC-55 / DL-35	MODULARM 75LC	MODULARM 75LCT
Temperature display/ monitoring	✓	✓	-	✓	✓
Manual light control	✓	✓	-	✓	✓
Automatic light management	-	✓	-	Optional add-on	Optional add-on
Door-ajar alarm	-	✓	✓	✓	✓
Power-failure alert	-	-	-	✓	✓
Audible alarm	-	✓	✓	✓	✓
Touchscreen interface	-	-	-	-	✓
Bluetooth connectivity	-	-	-	-	✓
Remote notifications	-	-	Via alarm relay/system	Add-on communicator	Add-on dongle
Best use	Essential local controls	Local temperature/ door alarm and lighting control	Dedicated, loud door alarm	Best-value combined monitoring	Advanced, expandable monitoring

MASTER-BILT® Refrigeration Solutions
908 Hwy 15 South • New Albany, MS 38652
800-647-1284 • www.master-bilt.com
RSG Refrigerated Solutions Group®

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