

FreshIQ[®]

2100 Series

Intelligent locks for micro markets

Designed and manufactured by 



Highlights:

- NAMA certified* for health timer function
- Quick install
- Configured for industry standard coolers & freezers
- UL compliant using manual unlock button

Operating Features:

- Automatic locking when consumer protection is required
- Automatic locking on temperature probe failure or sustained power loss
- Lock and unlock independent of the health monitor
- Compatible with *TriTeq* key fobs and *AutoTraq*
- Backup battery

Additional Benefits:

- Remote monitoring (optional)
- Remote unlocking (optional)
- Lock event recorder (optional)
- Health department inspection ready
- Lock activity alerts
- Improved security with lock at the center of cooler

Retrofits:



and more...



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Applications:	Micro-Market Swing-Door Coolers and Freezers
Temperature Sensor:	6 millimeter diameter stainless steel enclosure w/13' cable.
Primary Power:	120 VAC – 12V DC 500 mA wall-mount converter (supplied)
Back-up Power:	9 volt NiCad rechargeable (supplied)
Indicators:	Red LED flashing – Locked: Fault protection event Red LED On – Locked: Intentionally by key fob, no faults Green LED On – Unlocked: Monitoring for faults Red Green flashing – Unlocked: waiting for unit to reach temperature to begin monitoring
Cooler Protection Temperature:	41 F or greater for 30 minutes
Restock Timer Extension:	30 minutes, programmed with intelligent logic to avoid non-fault lock events during defrost and high usage periods
Freezer Protection Temperature:	0 F or greater for 30 minutes
Restock Timer Extension:	75 minutes, programmed with intelligent logic to avoid non-fault lock events during defrost and high usage periods
Primary Power Loss:	Automatically locks in 2 minutes, continues monitoring & automatically unlocks if power is restored before a protection locking event occurs
Data Logger:	Optional
Remote Unlocking:	Optional
Escape Release:	Internal push actuator to release mechanism (optional)
Key:	Enabled TriTaq P1, Standard, Economy or AutoTraaq key fobs for unlocking and independently/intentional locking
Test Switch:	For Health Department inspections – will trigger a lock event when pressed for 10 seconds
Mounting Hardware:	Miscellaneous fasteners provided
Approx. Time to Install & Test:	20 minutes
Certifications:	NAMA 2013 “Standard for Sanitary Design and Construction of Food and Beverage Vending Machines” and US Public Health Service “Food Code 2009”