



Insight - Health Lock

ESTABLISHING A **NEW STANDARD** IN THE FOODSERVICE INDUSTRY.

Imbera's electronic health lock system ensures door will lock if Tmax temperature & timers are exceeded. Google cloud connectivity and monitoring capability, provides optimal food safety at the point-of-purchase.



COOLER



FREEZER

KEY FEATURES



• **CIR WIRELESS CONTROLLER**
Intelligent Refrigeration Controller, with bluetooth and WiFi communications, allows operators to remotely monitor refrigeration temperature and manage locking events.



• **SOFTEL CIR APP VIA BLUETOOTH**
(available in google play and app store) Bluetooth Key function. Operators manually lock and unlock cabinet via APP for IOS or Android devices (Imbera Bluetooth FOB option is available). APP also connects controller to WiFi for Google cloud connectivity.



• **WIFI COMMUNICATIONS**
The Intelligent Refrigeration Controller (CIR) offers operators real-time monitoring and control of commercial coolers/freezers, through WiFi connectivity. Powered by Google cloud, this portal allows operators to monitor & manage key functions, refrigeration temperatures, power supply interruptions, lock alarm notification plus remote locking & unlocking, door opening, asset utilization & tracking.



• **NEW FLUSH-MOUNTED HEALTH LOCK**
New Southco lock option is flush mounted to cooler cabinets, to minimize cabinet footprint. Lock mounted externally for Freezer (Protrudes 11/4 inches)



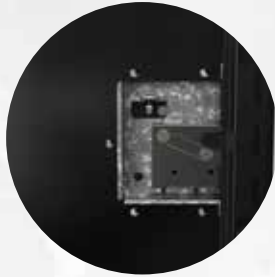
• **HEALTH LOCK LOGIC**
Maintains same control logic & timers as Performax 30 Lock. NAMA certified Automatically locks door, if temperature remains above Tmax for a predetermined period of time.





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ESTABLISHING A **NEW STANDARD** IN THE FOODSERVICE INDUSTRY.



Imbera's new health lock system helps ensure optimal food safety at the point-of-purchase, by preventing access to food that is potentially not safe to consume. Our new communications enabled controller allows operators to remotely monitor refrigeration temperature and manage locking events.

INSIGHT LOCK TEMPERATURE & TIMER OPERATING PARAMETERS

INSIGHT LOCK Operating Logic	NAMA T.MAX Temperature	NAMA Timer STD	INSIGHT Total Timer	Refrigeration Cut-In Temp	Refrigeration Cut-Out Temp
COOLER G319	41°F [5°C]	30 mins	195 mins	44.6°F [7°C]	32°F [0°C]
FREEZER VFS24	0°F [-18°C]	75 mins	240 mins	0.4°F [-18°C]	-5.8°F [-18°C]

LOCKING	PERFORMAX 30 LOCK COOLER/FREEZER	2020 INSIGHT COMMUNICATION LOCK
AUTOMATICALLY LOCKS FOR CONSUMER PROTECTION	✓	✓
NAMA COMPLIANT	✓	✓
LOCK TIMER	41.9°F 0.4°F	41.9°F 0.4°F
EXTENDED LOCK TIMER (Cooler/Freezer)	195 min. 240 min.	195 min. 240 min.
OPTIONAL OPERATION LOCK INDEPENDENTLY OF HEALTH TIMER	✗	✓ [Wi-Fi] [Bluetooth] [Mobile]
CAN BE TESTED CONTROLLED WITH A SMARTPHONE APP	✗	✓ [Bluetooth]
MONITORS DOOR OPENINGS	✗	✓ [Wi-Fi]
INCREASED USER APPLICATION FOR OTHER MARKET NEEDS	✗	✓ [Wi-Fi]
ALERTS FOR LOCK ACTIVITY	✗	✓ [Wi-Fi]
EMERGENCY UNLOCK	✓	✓
LOCK KEY & CONTROL OPTIONS	[Key] [Push]	[Wi-Fi] [Bluetooth] [Mobile]

SCAN AND DOWNLOAD THE APP

App Store

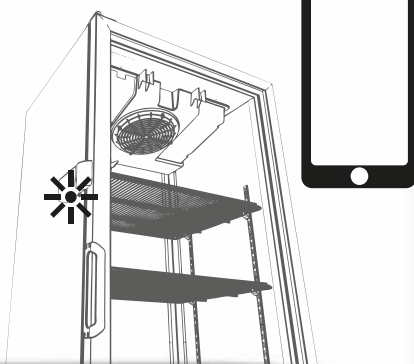


Play Store



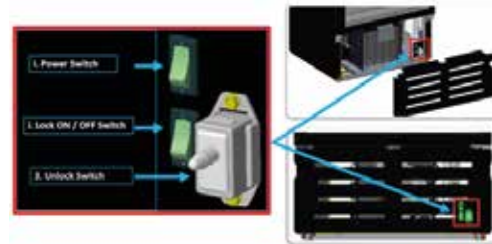
INSTRUCTION VIDEO

<https://youtu.be/ZUazZ566Ae0>



IMBERA LOCK FUNCTIONS

- Maintains same core operating logic as Imbera's Performax 30 health lock, with a number of new added functions.
- Automatically locks door, if temperature remains above T.Max for a predetermined period of time.
- Automatically locks within 2 minutes of AC power loss. Remains locked until power is restored, and unlocks when power is restored
- After AC power is restored, and if T.Max has not been extended, the device will unlock, saving operators from unnecessary visits to manually unlock affected units.
- Extended timer is designed to avoid unintentional locking events in the field.
- Health inspector can test lock by using available APP or FOB, for audit procedures.
- All units can be locked and unlocked independent of health timer with the APP. *(Remote 2-way locking & unlocking functionality will be available mid-2021 via WiFi & Imbera LINK portal)*
- Southco electronic Lock – Default position is locked, when not powered.
- Red LED Lock status indicator is located on the grill – LED is ON when locked (Mid-2021 Firmware Revision).
- INSIGHT Health Lock control switches
 - Power switch for whole cabinet
 - Lock ON / OFF switch – This switch is used to enable or disable the Locking & Health Timer functions. [Note: Lock is supplied by the manufacturer, with the switch in the [0] OFF position, to allow operators to open the door without powering the cabinet]
 - Unlock button – Temporarily Unlocks cabinet, during power outages, for servicing function, as the APP & FOB cannot operate without power supply (Mid-2021 Firmware Revision).



- Lock can be used as an intelligent timer, for location specific operating hours, using the APP (Mid 2021 Revision)

WIFI AND IMBERA LINK PORTAL (AVAILABLE MID-2021)

- Primary Alarms & Functions reporting GOOGLE CLOUD CIR CONTROLLER WIFI DATA
 - Locking events (NAMA Lock function) - Start, duration & end data records
 - Temperature T.MAX & T.MIN records (Temperature recorded every 10 minutes)
 - Door open/close - Start, duration & end data (Complete door opening record)
 - Real Time Clock monitors power supply interruption (Start, duration & end data records)
 - Geo Location asset control
- Additional technical data reporting & diagnosis will be available in later releases
- CIR board available with RS232 port for hardwire connectivity (Replaces WiFi for Smart Cooler applications)

IMBERA LOCK OPERATION

Please see operator manual for details.

*Specifications subject to change without notice

05/12/2021