Case Controller 200 (CC200)

Update Advisory CC200 Firmware 1.04F01

The 1.04F01 version of CC200 has been released and is now available. This release adds new features including hot gas defrost with customizable valve positions, support for new refrigerants, anti-sweat heater control, native secondary fluid system support, A2L improvements, and more.

*IMPORTANT: When upgrading firmware, always be certain the CC200 display and main controller firmware are synced and running compatible firmware versions. For all firmware and BIOS updates use only USB 2.0 drives — **DO NOT use USB 3.0 drives as they are not supported**. For more information and upgrading firmware steps, see the 026-1740 CC200 User Guide.*

What's New in the CC200 Version 1.04F01:

Table 1 - CC200 Updates and Description Matrix

Feature	Application Enhancement Description
Supervisory Defrost Coordination	Added integration to the supervisory defrost inhibit application. The supervisory application is used to coordinate scheduled and demand defrosts system-wide to mitigate electrical panel overloading and ensure sufficient refrigeration loading on connected racks/condensing units.
Hot Gas Defrost	Added support for reverse flow hot gas defrost systems.
Anti-Sweat Heater Control	Added anti-sweat heater control that includes support for local humidity or supervisory dewpoint sensor and optional door frame temperature sensor for optimal closed-loop control.
Defrost Parameter Lineup Sync	Cases in lineup now synchronize certain defrost settings with the lead case.
New Refrigerant Support	Added support for R-449a and R-454a refrigerants.
Door Open Statistics	Added door statistics to track both the number of times a door was opened and the length of time for each day.
Secondary Fluid Applications	Added native support for secondary fluid applications via new option in refrigerant list.

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Table 1 - CC200 Updates and Description Matrix

Feature	Application Enhancement Description
Single Pressure Transducer per Lineup	The entire multi-case lineup may now be operated with a single pressure transducer. Pressure values are now shared across all cases in the lineup allowing for lineup pressure input redundancy.
A2L Multi-Sensor Support	Added support for up to two A2L sensors to be connected via serial connection on Port A.
Case Temp Alarm Setpoints	Alarm setpoints for low and high case temperature alarms have been split so there are low and high limits for both LT and MT case modes. When configured for dual temperature mode, the corresponding high/low limits will be used.
Service Shutdown Duration	Service shutdown duration can be set to 0 allowing for an unlimited duration shutdown. The duration parameter may now be accessed from the supervisory UI. If service shutdown has exceeded a user-selectable duration, an alarm will be triggered.

Firmware Compatibility

Follow the compatibility matrix below to ensure you have the most recent integration files.

Table 2: BACnet CC200 Compatibility Matrix

CC200 App (FW Version)	ADF Number E3/Site Supervisor	ADF Version	DSC Number E2	DSC Version
1.03F02	531-0299	v1016.4	527-0770	v19.0
1.04F01	531-0299	v1030.0	527-0770	v20.0

Table 3: MODBUS CC200 Compatibility Matrix

CC200 App (FW Version)	ADF Number E3/Site Supervisor	ADF Version	DSC Number E2	DSC Version
1.03F02	531-0346	v1016.0	527-0961	v1.67
1.04F01	531-0346	v1030.0	527-0961	v3.0

Cold Chain Mobile App

Cold Chain Connect mobile app users should **download the latest app** from the respective app store for compatibility with CC200 1.04F01. OEM customers with CC200 configurations built in their Cold Chain Connect library should follow on-screen instructions in the app to complete the configuration upgrade process.

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For Technical Support call **833-409-7505** or email **ColdChain.TechnicalServices@Copeland.com**

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