

E2 2.71F01 Now Available

A new general release version of the E2 controller firmware, version 2.71F01, has been released and is available for customer upgrade. The package file used for upgrade may be downloaded from the Retail Solutions website:

<http://www.emersonretailsolutions.com/firmware/firmware.asp>



ULTRASITE UPDATE REQUIRED



E2 2.71F01 requires UltraSite 4.70 or above for remote communications. Upgrade UltraSite to the latest version before upgrading E2s to 2.71F01.

SITE MANAGER UPDATE REQUIRED



E2 2.71F01 requires Site Manager 1.7 or greater. If communication with Site Manager is required, upgrade Site Manager to version 1.7 first, then update the E2s.

Instructions on how to use UltraSite32 to deploy the upgrade package may be found in the Retail Solutions library:

<http://www.emersonretailsolutions.com/library/index.asp>

WARNING!

If an E2 has Commander SK variable speed drives configured, and your current E2 version is older than 2.64F01, do NOT remotely upgrade this unit to 2.70F01. The E2 will lose communication with Commander SK drives when upgraded. A technician must be on-site to clean out the Commander SK drive configuration and reprogram (see Technical Bulletin 026-4122 Rev 1 16-JUN-2008).

2.71F01 adds the following fixes and enhancements:

- Support for direct MODBUS connection to Control Link ACC anti-condensate heater controllers.
- Support for direct MODBUS connection to Square D Powerlink smart breaker panels. (Note: a license must be purchased to enable this feature - contact your Retail Solutions sales representative).
- Fix to lighting control issue with Danfoss EKC514 case controllers to prevent lights from prematurely reactivating during scheduled OFF times.
- Changes to mapping between Lennox IMC error codes and ALARM/NOTICE/FAIL advisories in E2 (refer to the status screen on-line help in the Lennox IMC).
- Supports four new refrigerant types: R422A, R422D, R407A, and R407C.

Who Should Update

Retail Solutions recommends as a policy all customers upgrade their E2 controllers to the latest general release firmware version to take advantage of the latest fixes and enhancements. The current version of E2 in general release is E2 2.71F01.

All customers who meet one or more of the requirements below are advised to upgrade to 2.70F01:

- **Customers requiring direct connection to Control Link ACCs or Square D smart breaker panels.**
- **Customers requiring fixes in Lennox IMC and Danfoss EKC514 applications.**

Documentation Updates and New Documentation

026-1711, Square D Smart Breaker Panel Control Manual, Rev 2 29-JUN-2009 - Rev 2 includes MODBUS E2 direct support changes, total re-organization of doc, updated pictures and graphics. New doc formatting includes new MODBUS section, located before the Gateway Board section, and Troubleshooting section.

026-4703, Installation Instructions: Control Link ACC Anti-Condensate Controller System, Rev 8 10-JUN-2009 - Rev 8 includes MODBUS E2 direct support changes, incorporating the new Dewpoint Sensor design. New document includes new MODBUS and Troubleshooting sections.