

E2 2.60F01 Now Available

A new version of the E2 controller firmware, version 2.60F01, has been released and is available for customer upgrade. The package file used for upgrade may be downloaded from the ECT Retail Solutions website:

<http://www.emersonretailsolutions.com/supermarkets/firmware.html>

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

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



2.60F01 adds the following fixes and enhancements:

- Numerous features for the MultiFlex PAK application and to other applications in support of the MultiFlex PAK, including:
 - Enhanced suction setpoint float, inhibiting cases in defrost or poor performing cases from affecting float temperature, and also using outer deadband to minimize unnecessary suction setpoint floats,
 - A “Connected” parameter to prevent overwriting of PAK configuration by the E2 until the installer manually chooses to overwrite,
 - A “Quiet Mode” option for condenser control,
 - Integration with Danfoss EKC514 so status and case temperatures from these controllers may be used in suction float, and
 - Fixes and feature additions to the Danfoss MicroCool (DFMC) Gateway board.
- To limit unnecessary variable-speed device cycling, Enhanced Suction application no longer enters “learning mode” after transient circuit states, early termination, or schedule overlap. Also, only configuration changes to compressor loads or staging will cause the application to enter learning mode (previously any configuration change resulted in learning mode).
- Standard Circuit application now supports up to 24 daily defrosts when using “Numbered Defrosts” strategy.
- Fixes several bugs in the AHU application when proofs are used on single-speed fans.
- Fixes several bugs that cause an E2 defined as a “monitoring master” to stop sending advisories in buffer to Monitoring call center.

Who Should Update

ECT Retail Solutions recommends as a policy all customers upgrade their E2 controllers to the latest firmware version to take advantage of the latest fixes and enhancements. Customers are **strongly** advised to upgrade to 2.60F01 if any of the following conditions apply:

- **Users of MultiFlex PAK who wish to use the new features.** Note that upgrades to the MultiFlex PAK and/or DFMC Gateway firmware will be necessary to take advantage of all new features.
- **Sites using ProAct Monitoring.**

- **Sites using Enhanced Suction with VS devices.** Changes to the conditions under which the E2 enters learning mode in 2.60F01 should result in less unnecessary cycling.
- **Sites with Standard Circuits that require more than 6 daily defrosts.**
- **AHU application users with proofing and single-speed fans.**

Documentation Updates and New Documentation

Listed below are all new documents, or revisions to existing documents, relevant to E2 changes in the 2.5x series of releases. All user documentation listed here may be viewed and downloaded from the ECT Retail Solutions library: <http://www.emersonretailsolutions.com/library/index.htm>

- **E2 User's Guide (026-1610 Rev 6 07-12-2007)** was **NOT** updated to reflect changes in 2.60F01 due to the fact no significant new features were added since the 2.50F01 release for which Rev 6 was created. This version may be referred to for both the 2.50F01, 2.51F01, and 2.60F01 releases of E2.
- **MultiFlex PAK User's Guide (026-1712 03-JAN-2008).** This manual has been updated to include all changes and features added to the E2's MultiFlex PAK application as well as the MF PAK firmware itself.