



EMERSON Update Advisory Supervisory Control Platform Firmware 2.23F02 User Guide

[Home](#) » [Emerson](#) » EMERSON Update Advisory Supervisory Control Platform Firmware 2.23F02 User Guide 

Contents

- 1 EMERSON Update Advisory Supervisory Control Platform Firmware 2.23F02 User Guide
- 2 Update Advisory Supervisory Control Platform Firmware 2.23F02 Release Notes
- 3 IMPORTANT:
- 4 Who Should Update
- 5 Figure 1 – E3 Controller
- 6 CONNECT+ UPDATE RECOMMENDED
- 7 CONTROLLER FIRMWARE COMPATIBILITY
- 8 Table 3 – Supervisory Controller 2.23F02 Feature and Fix Matrix
- 9 Update Supervisory Controller Firmware
- 10 Read More About This Manual & Download PDF:
- 11 Documents / Resources
 - 11.1 References



Update Advisory Supervisory Control Platform Firmware 2.23F02 Release Notes

[A new general release version of the Supervisory controller firmware version 2.23F02 has been released and is available for customer upgrade. For more information, visit the Supervisory Control page on the Emerson website:](https://climate.emerson.com/en-us/products/controls-monitoring-systems/facility-controls-electronics/facility-and-system-controls/lumity-supervisory-controls-platform)

[https://climate.emerson.com/en-us/products/controls-monitoring-systems/ facility-controls-electronics/facility-and-system-controls/lumity-supervisory- controls-platform](https://climate.emerson.com/en-us/products/controls-monitoring-systems/facility-controls-electronics/facility-and-system-controls/lumity-supervisory-controls-platform)

IMPORTANT:

- Reset or power cycle an upgraded E3 approximately 10 minutes after the upgrade is



Figure 2 – Site Supervisor Controller

Who Should Update

Emerson recommends that all customers upgrade their Supervisory controllers and PCs running Connect+ to the latest version to take advantage of the latest fixes and enhancements listed in *Table 3*. All customers who use any of the features below are advised to upgrade to Supervisory controller 2.23F02, and customers using any of the features listed in *Table 3*.

- Processor

Interface Board (PIB)

- R448A Refrigerant
- Floor Plans
- REST
- Logs



Figure 1 – E3 Controller

CONNECT+ UPDATE RECOMMENDED

Supervisory Controller Version	Recommended Connect+ Version
2.23F02	1.5.6F01

Table 1 – Supervisory Controller and Connect+ Compatibility Matrix It is recommended to upgrade to the latest Connect+ version. If you plan to upgrade Supervisory controllers and Connect+ at the same time, upgrade Connect+ to the latest version first, then update the Supervisory controllers. Contact Emerson for more information about upgrading.

CONTROLLER FIRMWARE COMPATIBILITY

Firmware	Platform
E3_#.#####_Display_Update	E3 only
E3_#.#####_Firmware_Update	E3 and Site Supervisor
SS_#.#####_Firmware_Update	Site Supervisor only

Table 2 – Firmware Platform Mapping

Feature and Fix Descriptions	Supported in Supervisory Controllers 2.23F02
Feature	
System DHCP & NTP: If the DHCP lease includes the NTP server IP address when enabled: a. At least one IP will be checked to verify if there is a valid NTP server IP. b. If at least one IP is a valid NTP server IP, the existing NTP server configuration will be replaced with these new IPs.	ü
Fixes	
E3 Processor Interface Board (PIB) Ø Added time stamp to PIB log. Ø Added new PIB log report. Ø PIB will no longer intermittently restart for “socket error -5”	ü
REST Reset Advisory (Service Log) Ø If advisories are reset by the REST interface, memory leak will not occur.	ü
Refrigerants Ø R448A refrigerant is now converting correctly.	ü
System Logs Ø The PIB Error Log will no longer appear truncated.	ü
Floor Plans Ø File size limit has been increased.	ü

Table 3 – Supervisory Controller 2.23F02 Feature and Fix Matrix

Document Part # 026-4083 Rev 2

Update Supervisory Controller Firmware

			Supervisory Controller Firmware Version												
			2.06F01	2.07F01	2.08F01	2.09F01	2.10F01	2.11F03	2.12F01	2.13F01	2.14F01	2.15F01	2.16F02	2.17F02	2.18F03
Firmware Update File	2.06F01_Firmware_Update	✓													
	2.07F01_Firmware_Update	✓	✓												
	2.08F01_Firmware_Update	✓	✓	✓											
	2.09F01_Firmware_Update	✓	✓	✓	✓										
	2.10F01_Firmware_Update	✓	✓	✓	✓	✓									
	2.11F03_Firmware_Update	✓	✓	✓	✓	✓	✓								
	2.12F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓							
	2.13F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓						
	2.14F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓	✓					
	2.15F01_Firmware_Update	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	2.16F02_Firmware_Update							✓	✓	✓	✓	✓			
	2.17F02_Firmware_Update							✓	✓	✓	✓	✓	✓		
2.18F03_Firmware_Update							✓	✓	✓	✓	✓	✓	✓		
2.19F01 and higher							✓	✓	✓	✓	✓	✓	✓	✓	

Legend	✓	This version of Supervisory controller can upgrade using this version of firmware update file.
		This version of Supervisory controller can NOT upgrade using this version of firmware update file.
		It is NOT recommended to downgrade Supervisory controller firmware.

Workaround and Notes

- For example, in order to upgrade Supervisory controllers from 2.10F01 to 2.20F03, you must first upgrade to any version of 2.12F01 – 2.15F01, then upgrade to 2.20F03 or higher.
- If firmware is equal to 2.12F01 or above: Upgrade directly to 2.20F03 or higher.
- If firmware is below 2.12F01: First upgrade to 2.15F01, and then upgrade to 2.20F03 or higher.
- 2.11F01, 2.11F02 and 2.16F01 Firmware Update files should be not used.**
- If the Supervisory controller is below 2.08F01 and the model is default SMF, you must first upload the Feature Set file, then upgrade firmware.

For more information on firmware upgrades, see the 026-4184 Upgrade Advisory:

<https://climate.emerson.com/documents/026-4184-upgrade-advisory-for-all-supervisory-controller-versions-before-2-19f01-en-7981974.pdf>

For more information on E3 firmware upgrades before 2.20F03, see the 026-4185 Upgrade Advisory

<https://climate.emerson.com/documents/026-4185-upgrade-advisory-for-e3-controller-versions-below-2-20f03-en-8070726.pdf>

Supported Browsers

- Microsoft Edge v88 and later
- Mozilla Firefox 11 and later
- Google Chrome 0 and later
- Apple Safari® on iOS10 (iPhone® 5C, iPad® 4) and later
- Webview on Android 5.0 (Samsung Galaxy S4) and later

For Emerson Digital Cold Chain Technical Support

- 833-409-7505
- CoTechnicalServices@Emerson.com

Document Part # 026-4083 Rev

2

Page 3 of 3

This document may be photocopied for personal use.

Visit our website at www.climate.emerson.com for the latest technical documentation and updates.

Join Emerson Technical Support on Facebook <http://on.fb.me/WUQRnt>


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

The contents of this publication are presented for informational purposes only and they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. Emerson reserves the right to modify the designs or specifications of such products at any time without notice. Responsibility for proper selection,

use and maintenance of any product remains solely with the purchaser and end-user. ©2023 Emerson is a trademark of Emerson Electric Co

Read More About This Manual & Download PDF:

Documents / Resources

	<p>EMERSON Update Advisory Supervisory Control Platform Firmware 2.23F02 [pdf] User Guide</p> <p>Update Advisory Supervisory Control Platform Firmware 2.23F02, Advisory Supervisory Control Platform, Supervisory Control Platform, Control Platform, Platform</p>
--	---

References

- [Facebook Emerson Retail Solutions Tech Support | Facebook](#)
- [Copeland Worldwide | Copeland US](#)
- [Controls & Monitoring Systems | Copeland US](#)
- [Lumity Supervisory Control Platform | Copeland US](#)