At AAON, we are committed to continuously enhancing our products through regular software updates. The release notes below provide an overview of updates, features, and hot fixes introduced in the most recent software versions. This document may not include all changes, especially minor adjustments or security enhancements. Features may vary depending on user settings or environment.

Note: AAON software updates are rolled out in phases to monitor performance and adjust as needed before being available to all users. If you are unable to update your software but see new release notes, please check back soon for future availability. It is the responsibility of the building manager to ensure all devices remain current with the latest compatible software version.

RSMD-A
SS1168
Software release notes

Software version 1.21   May 20, 2025

- Minor improvements were made to the following:
    - The fault timer is now cleared immediately after an emergency shutdown is cleared
    - Reduced the hold duration of the "Unit at Max" signal for the VCCX from 60 seconds to 10 seconds
- Hot fixes to the following:
    - Fixed the diagnostic menu displaying incorrect screens
    - The compressor now faults when the "compressor running" signal is lost

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Software version 1.20   November 8, 2024

- Hot fixes applied to the following:
    - The emergency shutdown command for the VCCX should always function
    - Missing alarm history screens have been added and alarm histories are now properly updated
    - Compressor 2 alarms now function properly for modules with two digital compressors
    - Addressed issue with Digital + Tandem On/Off-type circuits turning reheat staging off soon after turning on

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Software version 1.19   August 23, 2024

- Live heat pressure readings are now used for safeties instead of using averaged safeties
- EBUS register now allows VCCX to reset staging timers
- Hot fix in 40-ton units: If the second circuit is in fault or is disabled, the first circuit can now turn on the second compressor

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Software version 1.17   July 19, 2023

- Improvements were made to the following:
    - Relay status bitfield has been resized to keep from blocking the fifth, sixth, and seventh bits from being seen
    - Removed the outside right envelope safety of slowing condenser fan to minimum, per lab
    - If experiencing low suction in a tandem circuit, the second compressor is first turned off to see if that will bring up the suction. If not, the first compressor will be turned off
    - Added a secondary staging routine that allows an additional compressor to stage on/off without the modulating compressor being at max/min

Software version 1.06   April 12, 2023
- Changes were made for improved TDX in-house board testing

Software version 1.05   March 24, 2023
- R454B refrigerant type has now been added as a writeable EBUS register
- Added ability to change board address through EBUS. When changed, the boards are automatically reset. Only addresses 1 though 4 are allowed.
- Hot fixes to the following:
    - Addressed issue that allowed failed compressors to turn back on due to improper functionality of Minimum Off time
    - The EBUS communication alarm no longer displays NO ALARM on the LCD while the LED alarm indicates an active alarm

Software version 1.04   February 2, 2023
- Minor improvements made to the following:
    - DLT sensor configurations have been updated
    - Water condenser support added to some RSMD-A units

Software version 1.03   December 5, 2022
- Added support for the new ADC AD8201 chip

Software version 1.02   August 11, 2022
- Hot fix: The condenser fan now runs correctly after an emergency shutdown alarm has previously occurred

Software version 1.01   May 19, 2022
- Added support for 40, 50, 60, and 70 ton fixed-compressor units