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.

RM454-V
SS1195
Software release notes

Software version 1.23 – Current Version   May 20, 2025
- NEW UNIT: #121 Configuration 7 ton VFD
    - This unit includes an oil level sensor
- Minor improvements to the following:
    - The fault timer now immediately clears 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
    - If the heat pump configuration is changed, the RSM will re-configure the Sporlan EXV controller, as its configurations may also be affected
    - Oil boost duration's default value changed from 60 to 90 seconds
- Hot fixes for the following:
    - For WSHP: Compressor signal loss now creates an alarm once the signal loss has been retried and failed for a second time
    - Addressed the random occurrence of the unit getting stuck in cooling mode and never turning on its compressors after the unit experiences an emergency shutdown

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Software version 1.22   May 20, 2025
- Hot fixes to the following:
    - The supply fan Loss of Airflow alarm now turns off the condenser fan when triggered
    - VDF compressor no longer says the compressor is not running when it is running

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Software version 1.21   May 20, 2025
- The compressor relay is now not allowed to turn on unless the VFD communications have been established
- For cooling units only: condenser fans will continue to run during emergency shutdown until the VFD compressor is confirmed off
- Minor improvements to the following:
    - The max frequency written to Copeland EVM is now always 350hz. The control routine will limit the speed percent written to Copeland EVM for unit max.
- Hot fixes to the following:
    - Although the Current Limit alarm had been removed, the LED alarm on the RSM would still blink. This has been addressed.

Software version 1.20 – Current Version   March 24, 2025
- Minor improvements to the following:
  - 6-ton unit max rpm changed from 5600 to 4700
  - 25-ton unit max rpm changed from 5500 to 4300

Software version 1.17   February 12, 2025
- Hot fix: Updated EXV type of inside coil for 40-ton ASHP, circuit 4.

Software version 1.16   January 28, 2025
- Added individual control per circuit for 25- and 30-ton units
- Hot fixes to the following:
  - The compressor low suction alarm indicator
  - Current limit alarm indicators
  - Changed current limit for 2-ton 460v units

Software version 1.11   December 17, 2024
- Minor improvements made to Compressor Limits for 2 Ton 230/208 Voltage Units

Software version 1.10   December 9, 2024
- Minor improvements made to the following:
  - 3 Ton VFD Voltage 460
  - 9 Ton VFD /2-Step Two Ct. EXVs