

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-D SS1193 Software release notes	
Software version 1.22 – Current Version	November 25, 2025
<ul style="list-style-type: none"> • Improvements: <ul style="list-style-type: none"> ○ The staging event will not occur if the last stage compressor is in alarm. ○ The missing transducer alarm now requires readings to be zero for five seconds before signaling. ○ Added new unit configurations for 40, 50, 60, 70-ton units. ○ If in dehumidification mode with both compressors running, the second circuit compress cannot modulate below 70%. ○ Added a new configuration option using Ebus register 350 <ul style="list-style-type: none"> ▪ 0 = default ▪ 1 = holds the revising valves in their current state during off mode ○ Code compatibility changes across different processor platforms to read analog inputs from ADC. 	
Software version 1.21	October 14, 2025
<ul style="list-style-type: none"> • New Feature: <ul style="list-style-type: none"> ○ The condenser now starts before the compressor with a delay period of 0-30 seconds. • Hot Fixes: <ul style="list-style-type: none"> ○ Leaving Water Temperature readings ○ When high head pressure forces the fan to 100%, the PID calculations are also reset to 100%. • Improvements: <ul style="list-style-type: none"> ○ WSHP freeze protection now displays "H₂O VALVE...OPEN4OAT 100%", allowing the existing sequence to open the water valve if the OAT is below the glycol freezing setpoint. ○ Digital Compressor Safety Stage off now works with all digital compressors in any configuration, but does not apply in Dehumidification mode. ○ Digital compressor units now have the option of controlling their saturation temperature or the lowest of the two compressor circuits. ○ Testing I/O now disables the control sequence when applicable. ○ The coil setpoint changes from 70 to 150°F ○ Initial speed out of the digital compressor's envelope speed limit check. ○ Unsafe suction will now lock out the circuit if three trips occur within a one-hour window. 	
Software version 1.20	August 20, 2025
Hot fix for the following: <ul style="list-style-type: none"> • High head pressure sequence 	
Software version 1.19	August 11, 2025
Improvements made to the following: <ul style="list-style-type: none"> • WSHP safety setpoints • WSHP sequences 	
Software version 1.17	August 7, 2025

Minor hot fix for the following:	
<ul style="list-style-type: none"> Compressor operation in cooling mode for water source units 	
Software version 1.16	July 17, 2025
Minor Improvements to the following:	
<ul style="list-style-type: none"> Compressor operation in cooling mode for water source units Reversing valve changeover time delay is now an adjustable setting; Default is still 30 seconds. Two-circuit digital compressor operation now has water options for reheat staging Added new unit configuration: 40 ton AHU with two 20 ton condensing units 	
Hotfixes for the following configurations:	
<ul style="list-style-type: none"> Digital + Two Step Configuration: Effects the following units: SA-045 #65, SA-50 #128, SA-55 #130, SA-58 #132, SA-60 #134, SA-065 #136, SA-070 #138 Multi-circuit with two step compressors Compressor envelope for YAS130-174 	
Software version 1.15	May 20, 2025
<ul style="list-style-type: none"> Hot fix: Addressed random occurrences of unit getting stuck in cooling mode and never turning on compressors after an emergency shutdown 	
Software version 1.14	May 20, 2025
<ul style="list-style-type: none"> Improvements to the following: <ul style="list-style-type: none"> 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 have been applied to the following: <ul style="list-style-type: none"> The “Loss of Airflow” alarm for the supply fan now turns off the condenser fan For four-circuit WSHP units: water valves now control the correct circuits’ head pressure For four-circuit WSHP units: units now look at the correct circuits’ power factor to determine unit startup and trip For WSHP: Compressor signal loss now creates an alarm once the signal loss has been retried and failed for a second time 	
Software version 1.13	April 24, 2025
<ul style="list-style-type: none"> Hot fixes to the following: <ul style="list-style-type: none"> Units with two circuits, dual 2-step compressors will now have their 2nd circuit reheat will now stage on correctly Water cooled condenser units will now wait for proof of water flow before turning on compressors RSMs with two digital compressor circuits on a single module will now properly control condenser fans based on the adjusted setpoint from circuit 2 if circuit 1 has failed or turned off Compressor running input loss will now display an alarm when shutting off the compressor 	
Software version 1.12	January 27, 2025
<ul style="list-style-type: none"> Improved compatibility for WSHP units that did not previously match ASHP condenser control arrangements Y202503 custom software is no longer supported Added individual control per circuit for 25- and 30-ton units 	

Software version 1.11

January 16, 2025

- Hot fixes to the following:
 - Condenser fan control for units #115, #116, and #117
 - The compressor low suction alarm indicator
 - Current limit alarm indicators

Software version 1.10

January 16, 2025

- Improvement to unit configuration for units #154 through #174 to accommodate differences in B/T RN and CF units
- Alteration to all 14- and 20-ton units to no longer share condenser fan control across two circuits
- Hot fix: removal of hidden diagnostics menu