

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 1.32 – Current Version	November 25, 2025
<ul style="list-style-type: none"> • Improvement: <ul style="list-style-type: none"> ○ 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 	
Software version 1.31	November 17, 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. • 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. ○ Unsafe suction will now lock out the circuit if three trips occur within a one-hour window. <ul style="list-style-type: none"> ▪ Compressor Lockout alarms were also added to the Ebus bitfield. ○ The prism envelope screen now shows the lowest of the operating max and envelope max. ○ 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. ○ The 7-ton 575-volt unit changed from CDS803 to CDS303, and all 8-ton units changed from CDS803 to CDS303. ○ Cyrus One 7-ton units Sporlan EXV Configuration now uses bipolar EXVs. ○ Changed the Cyrus One 7-ton unit minimum superheat limit from 4°F to 2°F. ○ Changed the Cyrus One 7-ton high-discharge temp compressor speed reduction from 135°F to 145°F. ○ Changed the Cyrus One 7-ton unit high-pressure alarm from 470 PSI to 532 PSI. 	
Software version 1.30	September 9, 2025
Improvement made to the following: <ul style="list-style-type: none"> • 5-ton 575-volt unit: changed current limit from 9.8 amps to 15.6 amps 	
Software version 1.29	August 20, 2025
Improvements made to the following: <ul style="list-style-type: none"> • RQ 2-5 ton Heat pumps. Sporlan S3C configuration now uses independent transducers and thermistors. • High Head Pressure sequence operation speed. Hot fixes for the following: <ul style="list-style-type: none"> • High Head Pressure setpoint. Default value not changed. 	
Software version 1.28	August 7, 2025
Minor improvements to the following: <ul style="list-style-type: none"> • Defrost sequence. • Changed current limit for 11 ton 575 volt from 7.1 amps to 15 amps 	

Minor hot fix for the following:	
<ul style="list-style-type: none"> Out of envelop status is now ignored during first minute of startup. 	
Software version 1.27	July 18, 2025
Minor hot fix for the following:	
<ul style="list-style-type: none"> Compressor envelope YAS130-174 Circuits w/o EXVs should not alarm on high superheat 	
Software version 1.26	July 10, 2025
Minor improvements to the following:	
<ul style="list-style-type: none"> Sanhua EXVs used for outside heat pump coils is now being sent a separate outside superheat setpoint. 	
Minor hot fix for the following:	
<ul style="list-style-type: none"> Two & Four Circuit units with 2-step compressor secondary circuits 	
Software version 1.25	July 2, 2025
<ul style="list-style-type: none"> Minor improvement for Max Current for 13ton 575v from 7.1 to 12 Envelope Protection Fault alarm will trip if out of envelope for 30 seconds 	
Software version 1.24	May 27, 2025
<ul style="list-style-type: none"> Hot fix for compressor fan modulation 	
Software version 1.23	May 20, 2025
<ul style="list-style-type: none"> NEW UNIT: #121 Configuration 7 ton VFD <ul style="list-style-type: none"> This unit includes an oil level sensor Minor improvements to the following: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 	
Software version 1.22	May 20, 2025
<ul style="list-style-type: none"> Hot fixes to the following: <ul style="list-style-type: none"> 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 	
Software version 1.21	May 20, 2025
<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> • Minor improvements to the following: <ul style="list-style-type: none"> ○ 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
<ul style="list-style-type: none"> • Hot fix: Updated EXV type of inside coil for 40-ton ASHP, circuit 4. 	
Software version 1.16	January 28, 2025
<ul style="list-style-type: none"> • Added individual control per circuit for 25- and 30-ton units • Hot fixes to the following: <ul style="list-style-type: none"> ○ 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
<ul style="list-style-type: none"> • Minor improvements made to Compressor Limits for 2 Ton 230/208 Voltage Units 	
Software version 1.10	December 9, 2024
<ul style="list-style-type: none"> • Minor improvements made to the following: <ul style="list-style-type: none"> ○ 3 Ton VFD Voltage 460 ○ 9 Ton VFD /2-Step Two Ct. EXVs 	