

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.

DX Chiller Refrigeration Module

SS1149

Software release notes

Software version 1.20 – Current Version

January 03, 2023

- **New features**
 - The condenser fan now shuts off when the head pressure is 50psi below the head pressure setpoint. The fan will turn back on once the head pressure is above the setpoint.
 - Added a starting position for the condenser fan.
- **Improvements**
 - Increased the missing sensor high limit for the suction pressure transducer to 5V to minimize the number of false alarms when it is operating within acceptable levels
 - EXV now jumps every time Compressor two is in operation.
 - The condenser fan relay now enables when the discharge pressure reaches the minimum discharge setpoint (5). The condenser fan will disable when it reaches the maximum discharge setpoint (25).
 - Compressor one now turns down faster when compressor two is in use.
 - Added a separate superheat protection jump setpoint.
 - Updated the compressor startup delay to align with the EXV opening time minus the compressor start delay.
- **Hot fixes**
 - Compressor one no longer starts before EXV.
 - Compressor two now activates once compressor one has been in operation at 100% for two minutes, improving the suction.
 - The analog input temperatures no longer fluctuate by 1°F increments during EXV control for superheat.
 - The low suction startup alarm no longer uses the EXV force value to open the EXV when it should not.
 - The stage up/down EXV hold flag now clears more easily, ensuring that the EXV will modulate the next time the compressor is started.