



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 17. 24A 02/01/2017

Updates from previous versions: 17.23Y

New Features:

1. All firmware version - When setup to rotate comps based on fewest run hours, do not rotate the lead comp to a comp that is locked out or disabled.
2. REF firmware only - when setup to rotate comp by run hours, do not rotate the lead to a comp that is locked out or disabled.
3. REF Firmware only - cleaned up head to file - no function change
4. REF Firmware only - changed defrost Evap 1 state to go to drop.
5. REF Firmware only - Add support for termination on temp or low disch pressure into Derforst Evap 1 and 2 states. If their setpoint are active then the logic will test to termination on these condition. if setpoint at inactive termination is on time only. Setpoint #143 for Temp termination and setpoint #144 for low discharge pressure termination.
6. All firmware version - When setup to rotate comps based on fewest run hours, do not rotate the lead comp to a comp that is locked out or disabled.
7. REF firmware only - when setup to rotate comp by run hours, do not rotate the lead to a comp that is locked out or disabled.
8. REF Firmware only - cleaned up head to file - no function change
9. REF Firmware only - changed defrost Evap 1 state to go to drop.
10. REF Firmware only - Add support for termination on temp or low disch pressure into Derforst Evap 1 and 2 states. If their setpoint are active then the logic will test to termination on these condition. if setpoint at inactive termination is on time only. Setpoint #143 for Temp termination and setpoint #144 for low discharge pressure termination.

Bug Fixes:

1. REF Firmware only - Correct issue with in chiller _step_alog that was incorrect setting the state to fully loaded. The correct problem with stage comp with unloaders.

Any questions regarding this release, contact:
support@mcscontrols.com

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2. CPM: Ting reported that all the CW and CND pumps and chillers shut down (OFF) after the CPM's went OFF on SCHEDULE.
3. CPM 17.23Z to DB/Ting for beta test
4. CPM: Ting reported that if a CHL is cycle OFF on temperature the PUMPS are going OFF without a delay.
5. CPM: DB- SOHO job site. Force running chillers to STAGE OFF state after a no flow safety. Need to keep pumps running to avoid a CHL/CMP no flow alarm, DB's CENT chiller takes around 1 minute to spin down.
6. EXV Fast SSH: Reported by Dan Chapman: During testing of the fast superheat I noticed that my EXV state would start normally in startup and then just defaults to "EXV IS CLOSING" and not change no matter what.

Released Version 17.24A

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