



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 17.66

12/08/2020

Updates from previous versions: 17.63A3

New Features:

1.

Bug Fixes:

1. Logic Change - HVAC firmware only - Shared VFD comp only - Changed hard coded delay when switch from VFD to DOL and DOL to VFD to 60 seconds. Setup #define for the time delay value.
2. Bug Fix - HVAC firmware only - Shared VFD comp only - Change the logic that was selecting with comp proof sensor input to use when in VFD vs DOL. Two different input and logic need to select the right one. Issue There were issue when switch between VFD to DOL and DOL to VFD.
3. New firmware version #B17.63A5
4. Bug Fix - HVAC Firmware only - SHARED VFD COMP Type only - when unloading the chiller, the comp with the VFD would not always be the comp to unload first. This occurs when the lead comp was switch by run hundreds and jump the normal cmp staging sequence. Correct the logic so no matter where the lead comp is the comp with the VFD will unload first.
5. Updated firmware to correct bug with oil flow safety trip lockouts.
6. New Firmware Version 17.65B
7. Bug Fix: Acumatica case#002146 SKM I am using user logic alarm relays as shown below in the attached CFG. Hex file is latest 17.62Y. What I noticed as below.
8. Released HVAC- 17.65-C
9. Corrected bug with MOD SCR heat in RTU logic, Config was not allowing starting RO byte to be set.
10. Released RTU_17.65-D. to CLH and DBT for testing.
11. Corrected issue with Mod SCR heat relays not being set to OFF on a fault.
12. Bug fix reported by Han LJ Synergy, no post lube delay for external oil pump control.

Any questions regarding this release, contact:

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13. Bug Fix Reported by Han LJ Synergy, compressor not going into the startup state after oil pre lube if compressor has a VFD.
14. Release HVAC version T17.65Db for testing.
15. Bug Fix corrected nomenclature for when no change was made through the keypad.
16. New firmware version 17.65-E.
17. Bug fix - All firmware versions - EXV PID logic only - Min Pressure Differential logic was not closing the EXV when in MDP Closing state. The exv adjustment was not being added to the current EXV position in the PID logic. This bug only effect the EXV PID logic and only the MDP option.
18. New Firmware # B17.63A7.
19. Bug Fix - All firmware version - Condenser PID logic only - Cond PID logic was not working for heatpump unit when in heating mode. The cond fans RO & AO were not turning on. This issue has been fixed.

Released Version 17.66

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