



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 17.66F

02/05/2021

Updates from previous versions:17.66

New Features:

1. Add cell in MCS Config to dictate time in seconds for compressor to unload before turning off the LLS and closing the EXV to pump down.
2. Add cell in MCS Config to dictate time in seconds for compressor to unload before turning off the LLS and closing the EXV to pump down.
3. Released RTU and HVAC 17.66-E hex to @MCSApplications for testing.
4. LCD Keypad. As per JGW added new keypad/LCD default screen option #8 SENSOR_DIAGNOSTICS_SCREEN. This will require new MCS-Config 18.01Y1.
5. REFR add ability to set forced defrost delay time in hours.
6. REFR, added ability to select "Air Defrost" along with Rotating Coil. When this is selected, the logic will use the Air Defrost compressor rotation sequence when a backup electric defrost is called for.

Bug Fixes:

1. Bug Fix - All firmware version - EXV PID logic only - correct bug introduced by the MDP change just made. The EXV was not being adjusted, the statement that was adjusting the EXV position was not getting execute in the MDP closing test, copy this line back it it original place so when not in MDP closing the exv is adjusted.
2. This version will turn on the pump with the value of setpoint #105, and allow for flow switch locking out and moving to next pump.
3. fixup! This version will turn on the pump with the value of setpoint #105, and allow for flow switch locking out and moving to next pump. Also added logic to rotate at midnight and on R/S.
4. Released CENT V17.66-B
5. Bug Fix: Corrected issue with defrost pump down, where it was waiting until after the pump down to switch the reversing valve. Needs to switch before the pump down, to evacuate the high pressure gas from what's going to be the low pressure side.
6. BUG FIX: RTU firmware not seeing the bit for °C/PSI passed to do the °F to °C temp conversion.

Any questions regarding this release, contact:

support@mcscontrols.com

Micro Control Systems, Inc. 5580 Enterprise Parkway Fort Myers, Florida 33905
(239)694-0089 FAX: (239)694-0031 www.mcscontrols.com

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7. Bug Fix Bacnet AV for CENT: Problem reported by Flint H.
8. Bug Change CENT Bacnet AV. Added code to dynamically change AV 3 and Circuits FLA% points' name to Vane% if Circuit's#1 Vane indicator SI is active 2e5bb4a - 2021-01-21 cag@mcscontrols.com - Updated version number to 17.66-C.
9. Released HVAC and RTU 17.66D for testing.
10. Bug Fix RTU C0de Supply fan control. Reported by BCL-> PTF showing the fan not ramping up and tripping on no flow. You can see the unit at 665 544 386. AU6X65
11. Bug Fix RTU.c reported by D2. Corrected duplicate alarms for Supply Fan Fault and added fan index (Point Numb) to the alarm information.
12. Bug Fix HVAC pump control/ No flow safety (Reported by BCL) : "Niagara Alarm From OCC_C108Upper: Rx_Chiller_M10_ALARM -> we again had the error for pump failure (REMEMBER - WE DON'T HAVE A PUMP)"
13. Bug fix RTU: Reported by JB-> that the unit heat is no longer working in dehumid. Also staged electric heat will not run either. Heat status will goto 1/1 for a couple seconds and then drop to 1/0 and be stuck.

Released Version 17.66F

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