



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 17.20B

10/22/2015

Updates from previous versions:

New Features:

1. Correction on when exv is closed also set the tandem exv to 0%.
2. Add support for defrost when in heating mode. Setpoint #158, 159, 161 and 162 are required along with one of the two possible coil temperatures.
3. Special Copeland VFD turn off- Add option to change pump down state to spin down state. If setpoint #61 is a target type, then the new spin down logic is used in place of the standard pump down logic.
4. Add Ruking Fault sensors to CHILLHDR.H (plus missing lookup sensor).
5. Add definitions for new Ruking Alarms.
6. Implement new Ruking Alarms based off the Ruking Sensors

Bug Fixes:

1. Corrected two issues, #1 when switch from heating to another mode and the com was in defrost the cond fan would switch off while the comp was still in defrost. #2 when in defrost the cond fans were not being control correctly - still control as if in heating mode, change to control as if in cooling mode, except still add cond offset setpoint to force lot of hot gas to defrost quickly.
2. Corrected issue with cond fan analog output going to 100% when fan cycles off in heating mode due to high disc pressure.
3. Corrected the reheat in dehumidification.

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

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2015. Copying or distributing this document is prohibited unless expressly approved by MCS.

4. After loading the AMPAC-O/AUnitDx cfg the screen stays blank , unit never comes ON. The MCS-Magnum initialization routine was caught in an infinite loop due to the Pre-heater RO set to Not Used and number of stages equal to 1 .

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

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2015. Copying or distributing this document is prohibited unless expressly approved by MCS.