



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 14.01F 08/29/2013

Updates from previous versions:

Bug Fixes:

RTU:

1. ER Wheel faults. These faults (no rotation and wheel fault) when they occur generate a fault message only. They have no effect on the ER Wheel logic. The condition must be true for the safety time in set point #188 for the fault to exist.
2. User logic issues in accessing the RTU values have been corrected. Note the list of state & mode with their numbers
3. Question on the no air flow condition. When this occurs the supply fan is turned off without a post delay but it is not locked off. Both the RTU unit state and the cooling state show the no flow condition. When the supply fan is turned off for other reasons (Run/Stop) it will have a post delay.
4. With a heat pump in heating mode the condenser fans are all turned on when the compressor goes off the fans were not being turned off. This has been corrected.
5. With a heat pump in heating mode the auxiliary heating was enabled before the compressors were completely loaded. This occurred when there are multiple steps in a circuit. This has been corrected.
6. When the same control sensors are used for vent/cooling/heating the system did not move from heating to vent only mode when the control temperature was above the heating target. Changed so that mode will be changed to vent only when temperature is above target and no heating steps are wanted on. Made same change to cooling.
7. Question on SCR heating. When SCR heating is specified their always must be a less 1 RO. Logic is turn on first RO set SCR to its minimum value and modulate to maximum. When maximum reached turn on the next RO (if there is one) set SCR to minimum value and modulate.

Any questions regarding this release, contact:
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