



# SOFTWARE RELEASE NOTES

## MCS-MAGNUM Version 16.08A 10/23/2015

### Updates from previous versions:

1. Added definitions for option to keep precooling and condenser lines separate (default is on)
2. Added definitions for new option to allow comps to stage normally when in dehumid (default is on).
3. Added two new SI names for supply and outdoor dewpoint.
4. Added and implement option to allow reheat to control off of something other than supply temp.
5. Implemented option to allow precooling and reheat to share the precooling AO as a condenser. When no compressors are on, precooling will have control over the precooling AO. When at least one compressor is on, the condenser control will have control over the precooling AO.
6. Implemented ability to force at least 1 comp on while in dehumidification mode.
7. Added 3 Way Valve RO Name to uMag configs
8. Added CHW Valve RO and AO names to all cfgs.
9. Added option to reverse reheat control.
10. Implemented option to reverse reheat control
11. Modified how "Precool and Condenser Separate" option works. Due to a change in requirements, this option will no longer actually control the flow of water through the condenser line, because the condenser line is now controlled mechanically by another device. Thus all the logic that was added to control the condenser with the precooler line is now eliminated and replaced with logic that sets the precooling AO to max and the RO on, but only when a compressor is on.
12. Modified how "Precool and Condenser Separate" option works.
13. Implemented option to reverse reheat control
14. Added option to reverse reheat control
15. Added CHW Valve RO and AO names to all cfgs
16. Added 3 Way Valve RO Name to uMag configs
17. Implemented ability to force at least 1 comp on while in dehumidification mode.
18. Implemented option to allow precooling and reheat to share the precooling AO as a condenser
19. Added and implemented option to allow reheat to control off of something other than supply temp.
20. Added two new SI names for supply and outdoor dewpoint.
21. Added definitions for new option to allow comps to stage normally when in dehumid (default is on).
22. Added definitions for option to keep precooling and condenser lines separate (default is on)

Any questions regarding this release, contact:  
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