



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 14.01E 08/26/2013

Updates from previous versions:

New Features:

Note new releases of MCS Config & MCS Connect are required for this addition.

Three fields per circuit have been added to User Logic (all versions) under Compressor #:

1. EXV STATE,
2. EXV Control Super heat, and
3. EXV Super heat ROC

Bug Fixes:

RTU:

1. If economizer (outside air damper) is at its maximum and the control sensor indicates that the economizer should be at its minimum (closed) free cooling can no longer be used the unit did not respond. The damper remained at its maximum value. Corrected this issue.
2. When a no air flow occurred, the system did not turn off the supply air fan until the post delay was reached. Changed that if a no air flow condition occurs do not wait for post delay. (Note, set point #105, value is time fan must be on before the no air flow safety is checked, the safety time is the time that the no air flow indicator must be true. Documentation needs to be corrected.)
3. When multiple circuits in the same suction group and the compressor has a VFD the EXV control was not being increased when the second (next) compressor in the suction group was turn on. This has been corrected.

HVAC:

4. When multiple circuits in the same suction group and the compressor has a VFD the EXV control was not being increased when the second (next) compressor in the suction group was turn on. This has been corrected.

Any questions regarding this release, contact:
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