



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 8.05J

04/26/2011

Updates from previous versions:

New Features:

1. Added new sensor type: 'Static 0.2"' (two decimal places) This will be used for measuring building static pressure.

Bug Fixes:

1. Corrected High Discharge Unloading for tandem scrolls with a VFD/Digital Analog Output. The Analog Output was not being decreased when used with tandem compressors; the Magnum was treating the Analog Output as if common control. This was changed for each compressor to modulate its own Analog Output.
2. Corrected problem with Bacnet AI inputs only displaying 48 sensors. The value of the AI inputs was a hardcoded 48, copied over from the old V7 software. This has been changed to the number of sensors supported by V8 software.
3. Corrected the Tandem EXV state. When the compressor was starting the Tandem EXV state incorrectly being set to the circuit state; now it is reading the correct EXV state.
4. HVAC ONLY: Corrected the Lost I/O Lockout of individual circuits to include locking out EXV's and Tandem EXV's, and to adjust the steps Wanted On and Actual On.
5. Changed MCS-Stat message structure to send a single target setup display request and not to show Relay Outputs on the screen.
6. Corrected problem with logic getting stuck in Switching Modes when the unit state is "Econo Cooling", mechanical cooling is disabled due to low ambient temperature, and then unit is switched into heating mode.

Any questions regarding this release, contact:

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