



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 14.00B 05/10/2013

Updates from previous versions:

New Features:

1. V14 Added BMS points for: Sensors 80-112, AO's 20-28, and Setpoints 230-255.
2. Added 2 new user defined Fixed Value operands: Fixed Value 0 decimal and Fixed Value 2 decimal.
3. Add new refrigerant type R1234, all software.

Bug Fixes:

1. Commented out code that disables condenser fans when chiller is set to LOCKOUT. This is done to protect a compressor that for any odd reason stays ON after a LOCKOUT.
2. RTU Compressor 1 status cycling. Total number of heat stages was greater than 12. Circuit Ram was overwriting by chiller ram, because the number of heat stages was greater than maximum number defined. Resolution: Increased number of stages from 30 to 36 and modified current logic to use different memory locations.
3. RTU Modified high/low static pressure safety logic to run based on a valid static duct psi sensor index. Previously it was set to run only if the supply was running. We want to be able to run high/low static pressure safety on non-VFD units.
4. New function that modifies number of decimals of a SI, AO, STP or Fixed value. User logic RO uses one memory location and its value is saved with no decimals. Cannot use new function, commented out and modified to work correctly.

Any questions regarding this release, contact:
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