



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 9.10E

06/24/2012

Updates from previous versions:

New Features:

1. A new refrigeration type R402A, has been added.

Bug Fixes:

1. The pump down for both the screw & reciprocal are now the same. The unload time is now 15 seconds when the compressor and liquid line solenoid are on. Then the liquid line solenoid is off for pump down. RECIP compressors were using the safety time in the pump time, setpoint #62.
2. There has been a global change 'USER_DEFINED_VALUE', (#120, user logic) to USER_LOGIC_SI. Changes for different software are as follows:
 - a. Centrifugal, stpscrew, and rtu: The logic set 'unloaded_switch_on', is now the same on all types.
 - b. Centrifugal: Hot gas logic must divide by 10 prior to test.
 - c. Centrifugal: The safety time is now the same as stpscrew.c, there are no decimal places used.
3. A bug has been fixed in the calculation of time in the power loss delay.
4. A change to a test has been made to determine if CLLC should be off or running.

RTU SOFTWARE ONLY:

5. Trying to eliminate the warning global optimizations disabled
6. Handling issues when in stop mode have now been fixed.

RTU AND HVAC SOFTWARE ONLY:

7. A test in the tandem exv circuit has been fixed. This problem only occurred with Tandem EXV and it would turn off relay M-1.

Any questions regarding this release, contact:
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