



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 17.62Y4

07/29/2020

Updates from previous versions:17.62Y

New Features:

1. All firmware versions - EXV PID Logic only - do not clear the time delay between Ki adjustment is the Ki calculated adjustment is less than 0.10 or greater than -0.10. Old test was just for non-zero, which could clear the time if Ki adjust was 0.09 and not change was made to the valve.
2. All Firmware - EXV PID logic only - keep the reminder of Ki adjust between 0.10 and -0.10. Accumulate this small adjustment to it adds up and allows an adjustment once it reach 0.1.
3. Added definitions for CPM pump FLA setpoints

Bug Fixes:

1. LCD screen.c reported by SKM seeing decimal values in the MOTOR column when user logic digital sensors were used.
2. Oil Heater relay constantly running when oil temp sensor failed open. Added test to check for sensor fault to force relay off when sensor fault condition exists.
3. RTU Firmware only - Correct issue with electric heat not stage on. This problem was just introduced when changes were made to allow the electric heat to work as reheat mode. The index for the electric heat were not correct, they were using the RO index when they need to start at 0.

Released as RTU V17.62Y4RTU Firmware only - Correct issue with electric heat not stage on. This problem was just introduced when changes were made to allow the electric heat to work as reheat mode. The index for the electric heat were not correct, they were using the RO index when they need to start at 0

Any questions regarding this release, contact:
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