



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 17.53C 01/22/2019

Updates from previous versions: New Features:

1. MagRef.: Magnum firmware for reverse cycle defrost units only, if a comp safety or unit safety occurs while in defrost mode, the comp will switch back to cooling mode and pump down before stopping, except for Phase loss and unsafe oil pressure safeties.
2. Added test and memory location to hanbell RTM logic for new option in cfg that lets the user select a relay for the economizer/subcooler. New option is in MCS-Config_18.01K release. New memory location in v17_circuit_eerom #72 subcooler_ro

Bug Fixes:

1. EXV PID Logic - All firmware - correct issue with K multiplier setpoints - the logic was using the high and low zone fields for testing proportional and derivative errors - the setpoints have two decimal places and errors have one. Add divide by 10 when using the high and zone zone fields.

Released all SW V17.53-C

Any questions regarding this release, contact:
support@mcscontrols.com

Micro Control Systems, Inc. 5580 Enterprise Parkway Fort Myers, Florida 33905
(239)694-0089 FAX: (239)694-0031 www.mcscontrols.com

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