



SOFTWARE RELEASE NOTES

MCS-MICROMAG

Version 18.00G

05/20/2018

Updates from previous versions:

New Features:

Bug Fixes:

1. When is a reverse valve in a suction group, the compressors that are not in the reverse valve suction group, need to be disable, to not interfere with the sequence of operation.

The setup has 4 compressors and compressor 1 and 3 are in the suction group with the reverse valve, during heating the first Compressors turn on, the second compressor is not part of the suction group, preventing the next compressor to turn on. By disabling the compressors that are not part of the reversing valve suction group fix this problem.

2. Add actual_stages_on =0 because when the function alarm_shutdown_cooling_rtu() is call the stages on was not resetting to zero.
3. Process Pump; when the Process Pump goes into Lockout the stages wanted and stages active need to be reset to zero.
4. As soon the compressor is active the reheat should go to flush, this wasn't happening because the timers where set only is a flush was needed other problem was that the inactive reheat counter was being activated even when the compressor was inactive, this was solve in the functions is_flush_needed and is_suction_group_flush_needed.
5. Condenser logic; when the condenser was set to steps, in circuit base, the logic was calculating the as it was modulating condenser, adding to this logic that the stages was fixed solve this bug.
6. When a SI has a filter to average the value, the value was jumping all over the place, by removing the avg samples array from the eds solve this bug.

Any questions regarding this release, contact:

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