



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 18.00V 4/21/2017

Updates from previous versions:

New Features:

1. In ALL config types V17 on the MAG INFO screen under the condenser section adding a new panel for Adaptive condenser types called Condenser Fan Rotation that will hold 3 radio buttons and 1 number drop down list: None(sets setpoint#46 Type to SETPOINT), First On/First Off(sets setpoint#46 Type to TIME and Time(SEC) field to a 0, Forced Lead(sets setpoint#46 Type to TIME and tests the Time(SEC) field to be within 1-MAX NUMBER of STAGES chosen in Number drop down list). Also, on the setpoint grid setpoint #46 will test for the Time(SEC) field's value to be within the MAX STAGES selected. Also, adding the new Adaptive Bank condenser to the test that colors the condenser grid first 5 columns when common condenser type.
2. In ALL config types V17 on the MAG INFO screen under the Cooling or Evaporator sections on the Refrigerant Type panel adding a new Refrigerant Type called R449a to the end of the list.
3. In ALL config types V17 on the MAG INFO screen under the Cooling or Evaporator sections on the Refrigerant Type panel adding 3 new Refrigerant Types called R424A, R290/R600A, and R513A to the end of the list.
4. In ALL config types that support the circuit base screen on the condenser grid under the Evap EXV Control column adding Fast EvpLvl and Fast DSH options to the button list. Also, adding the same functionality as Fast SSH for these types.
5. In ALL config types that support the circuit base screen on the condenser grid under the Evap EXV Control column changing the current button click method of changing the options to a drop down list box for better functionality.

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

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Bug Fixes:

1. In ALL config types that support the Circuit SI screen on the second grid on that screen the Evap Suct Temp and Evap Suct PSI columns are not visible when opened. Resolution: Add the source code to always show these columns no matter what the cfg type is.
2. In ALL config types V17 and V14 on the Circuit SI screen on all of the grids the tandem EXV rows are not coloring light blue until a change is made on each grid. Resolution: Moved the source code that sets the tandem flag memory location from the form load of the Circuit Base screen to the Update of the condenser grid.
3. In ALL MicroMag CHILLER config types V18 on the SetPoints Info screen under the Name column adding 4 names to the grid that are needed. Also, on the file write of a V18 CHILLER cfg type there are 2 bytes that are not cleared out as filler. Resolution: Add the names to the Setpoint name array: STPT # 109 COOL RESET +, STPT # 111 COOL RESET -, STPT # 112 HEAT RESET +, STPT # 113 HEAT RESET -. Add the source code to set the two bytes to FF on the file write and convert to V18 functions.
4. In ALL config types that support the circuit base screen on the condenser grid when Fast SH is activated for the Evap EXV Control the values that are entered into the Setpoint grid for setpoints 9-20 are Deg F/PSI only. Resolution: Add a test for the Display Units memory location and set values according to whether that location is Deg F\PSI or Deg C\BAR.

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