



SOFTWARE RELEASE NOTES

MCS-CONFIG Version 18.01Q 09/26/2019

Updates from previous versions:

New Features:

1. In ALL config types V17 on the SI Info screen under the Display Type column adding 1 new sensor: "Temp92K" 1 decimal {'F', 'C', 'C'}, /* 185 TEMP 92K*/.
2. In REFR, PSR, HCRF config types V17 on the Circuit Base Info screen under the Tandem EXV Circuit# column adding 4 new columns next to that column that will handle circuits 3, 4, 5, and 6 EXV Circuit# just like the Tandem EXV Circuit# column handles circuits 1 and 2.
3. In ALL config types V17 and V18 on the MAG and MICROMAG INFO screen under the Cooling or Evaporator Info screens under the Refrigerant Type drop down list box adding a new refrigerant type called R434A.
4. In CENT config types V17 on the MAG INFO screen under the Compressor Info section adding a new panel that will ONLY be visible if there is an AO selected in any circuit on the Circuit Base screen under the Compr Speed column called Demand Limiting that will have 3 options on it-->Option#1 = On Vane % Using Vanes Only(STPT #32 = 0 in TIME(SEC) column), Option#2 = On FLA % Using Vanes Only(STPT #32 = 1 in TIME(SEC) column), Option#3 = On FLA % Using VFD & Vanes(STPT #32 = 2 in TIME(SEC) column).
5. ***NEW BMS GATEWAY PROTOCOL-->Modbus RTU to IP*** In ALL config types V17 BMS Points screen when the CREATE CSV FILES button is clicked adding a new row to the config.csv file for the modbus rtu to ip protocol for the bms gateway. Also, adding a new function that will create the new file which holds the new settings for Modbus RTU to IP protocol.

Bug Fixes:

1. In ALL config types V17 on the SI Info screen under the Display Type column when User Defined is chosen and the values are entered into the SI User Defined Wizard and the Calculate button is clicked the Offset column is displaying the wrong values. Resolution: The value being assigned to the Offset column was the Multiplier value and not the Offset value. Changed the test to the correct memory location.

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

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2018. Copying or distributing this document is prohibited unless expressly approved by MCS.

2. In ALL config types V17 on the SI Info screen under the Select Display Type column when RPM's is chosen the decimal place column should show x10 instead of 0. Resolution: Change all 14 of the popup forms drop down lists for secondary display type to x10 for the RPMs type.
3. 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.)<--Changing this to only show the columns in REFR type cfg types or when "in-house authorized".
4. In REFR, PSR, HCRF config types V17 on the MAG REFR Info screen under the General and Evaporator Info section when the Control Method is changed between Control Zone and Volt SI on the Evap Info screen the EVAP Temp SI caption changes to Entering Temp SI and the Leaving Temperature panel is unhidden which is incorrect. Resolution: Removing the test that hides/shows the panel and changes the caption. Setting panels to permanently stay visible and are called Entering Temperature and Leaving Temperature.
5. In REFR, PSR, HCRF config types V17 on the MAG REFR Info screen under the Evaporator Info section on the Standard Defrost Types panel the Electric button is not being force set when the Number of EVAP/REHT column on the Cicruit Base screen is NOT 0 for any circuit. Resolution: Loop through all circuits on the activation of the MAG REFR window and if any of the circuits are greater than 0 under the Number of EVAP/REHT columns then force Standard Defrost Types to Electric and Use AIR Defrost as Primary to NO.
6. In REFR, PSR, HCRF config types V17 on the EXV Control screen the subcooler grids should not be visible and the MCS Defaults button when clicked should not be setting the setpoint values for the old and new subcooler setpoints. Also, the RO grid with compressor relays is not populating correctly. Resolution: Make both subcooler grids visible property false and add tests for these types in the MCS Defaults click function so the values are not set when clicked. Add a test for these types to populate the RO grid correctly.

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

Information contained in this document has been prepared by Micro Control Systems, Inc. and is copyright © protected 2018. Copying or distributing this document is prohibited unless expressly approved by MCS.