



SOFTWARE RELEASE NOTES

MCS-MAGNUM Version 14.01O 09/25/2013

Updates from previous versions:

New Features:

1. Changed averaging of the 3 amp sensors to selecting the highest value and make the test against this not the average. The set point usage is as documented.
 - a. The additional information for lockout type of alarms has been expanded as follows:
 - b. Information that was captured for the previous 30 seconds has been expanded to 120 seconds.
Following items added:
 1. Capacity (UNIT) control state
 2. Steps wanted on
 3. Steps turned on
 4. EXV state
 5. EXV control super heat
 6. EXV control rate of change
 7. EXV state
 8. EXV control super heat
 9. EXV control rate of change

For your information the following items are captured if they exist:

// Suction Pressure
// Discharge Pressure
// Oil Pressure Differential
// Motor Amps (A)
// Suction Temp
// Discharge Temp
// Oil Temp
// Motor Temp
// EXV Position

Any questions regarding this release, contact:
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// Tandem EXV Position
// Oil Pressure
// Refrig Temp
// Unit flow
// Circuit flow
// Cmp Speed
// Oil Float
// Refrig Level
// Condensor Temp #1
// Condensor Temp #2
// FLA %
// Saturated Suction
// Suction Superheat
// Saturated Discharge
// Discharge Superheat
// Motor Amps B
// Motor Amps C
// Voltage A
// Voltage B
// Voltage C
// Cold water out (leaving temp)
// Cold water in (return temp)
// oil seal temp
// pre oil filter
// vane position
// COMPRESSOR PROOF
// CAP CONTROL STATE
// CAP STEPS WANTED ON
// CAP STEPS TURNED ON
// EXV STATE
// EXV CONTROL SUPER HEAT
// EXV CONTROL ROC
// Tandem EXV STATE
// Tandem EXV CONTROL SUPER HEAT
// Tandem EXV CONTROL SUPER HEAT

Note, to view the lockout alarm information, MCS Connect 14.00-T is required.

The screens can be resized to enable multiple alarm information to be view at the same time.

If the value is from a sensor the sensor name will be used as the heading.

If the value is a state, the actual state name will be displayed.

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