



SOFTWARE RELEASE NOTES

MCS-MAGNUM

Version 9.12E

02/21/2013

Updates from previous versions:

Magnum RTU

New Features:

1. **Low ambient shut off.** If the ambient temperature is low disable all mechanical cooling but let the economizer function. Set point #22 must be active. If the ambient drops below the value of set point #22 all circuit states will be switched off. The economizer will continue to function. The ambient must increase to 5 degrees above the value of set point to return the circuits to normal.
2. **Close outside air (economizer) damper if return air is getting cold.** Set point #192 must be active and type set to target. The value of this set point contains the temperature, the safety time is the time between adjustments and the night setback is the amount that the damper will be closed. Note, there is no multiplier or divisor on the adjustment at this time.
3. **Enable the dehumidification function as the priority.** In the Dehumidification section of the Condenser Info screen, Select Primary as the Mode and select a Forced Dehumidifying sensor in the General Info screen. When this sensor is on the system will enter the dehumidification mode.
4. **Force the system into Warm UP mode.** Select Forced Warm UP sensor in the General Info screen. When this sensor is on the system will move to heating in the Warm UP mode. The system will stay in this mode until the sensor is off. There is no limit to the number of times that this can occur.
5. **Force the system into Pre Cool mode.** Select Forced Pre-Cool sensor in the General Info screen. When this sensor is on the system will move to cooling in the Warm UP mode. The system will stay in this mode until the sensor is off. There is no limit to the number of times that this can occur.

Any questions regarding this release, contact:

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