

Updating MicroMag Configuration to Work With Version 15 Software

MicroMag version 15 software has a few changes that make it incompatible with configurations from version 4 software or version 14 software. Version 15 (and version 14) software determines what state it is depending on setpoint 8 if the ventilation mode and cooling mode sensors are the same, replacing setpoint 1. If the ventilation mode and heating mode sensors are the same, setpoint 8 will be used instead of setpoint 2. In addition, the scaling factor in the capacity control has been reworked to scale like the Magnum. This means that assuming a multiplier and divider of 1, every degree of cooling away from the target temperature will be 1 unit of step delay (Max 20 adjustment every second).

If MicroMag firmware revision is version 4 or 14:

1. You will need to modify the following setpoints if they are target or delay type setpoints and they are active: 1, 2, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 26, 27, 114, 115, 116, 117
 - All capacity control functions will be divided by 10 compared to the values you had in before. Adjust the multiplier and divider on all active step delay and target setpoints accordingly.
 - For Example: If on setpoint 8, you had an adjust multiplier of 1 and an adjust divider of 10 (1% for every 1 degree); you would change the adjust divider to 1 and leave the adjust multiplier alone. Alternatively you could change the adjust multiplier to 10.
 - Another example: On setpoint 9, assume your delay multiplier is 5 and your delay divisor is 1. In order to maintain the same scale on capacity control (5 adjust delay units for every .1 degrees), you would make the multiplier 50 and leave the delay divisor at 1.
2. If MicroMag firmware revision is Version 14, you are finished and shall skip the following steps of the conversion process
3. If your ventilation mode and cooling mode sensors are the same:
 - Make setpoint 8 a target sensor
 - Set setpoint 8 to active
 - Copy all values from setpoint 1 to setpoint 8
 - Set setpoint 1 to non-active
4. If your ventilation mode and heating mode sensors are the same:
 - Make setpoint 10 a target sensor
 - Set setpoint 10 to active
 - Copy all values from setpoint 2 to setpoint 10
 - Set setpoint 2 to non-active