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Serial Communication Between Drive and Bypass Recovery

This procedure **MUST** be followed if protocol is changed in VFD to **ANYTHING** other than the settings the VFD is shipped with from the factory

The following settings are to be performed in the **DRIVE**:

1. Go to Parameter 9802. Verify setting is STD MODBUS. If it is not press EDIT. Use the UP ARROW OR DOWN ARROW to change the setting to STD MODBUS and press SAVE
2. Go to Parameter 9902. (This should be E-Clipse. If it is not change it to this. If it is go to the next part of this step which is press EDIT and then press SAVE)
3. Press EDIT then press SAVE

The following settings are to be performed in the **BYPASS**:

1. Go to Parameter 9802. Press ENTER to access the Macro which is HVAC DEFAULT. Press ENTER to access the edit feature. Press ENTER.
2. **CYCLE THE POWER. BE SURE THAT THE VFD AND BYPASS GO COMPLETELY BLANK BEFORE RESTORING POWER. THIS MAY TAKE 30 -45 SECONDS depending on the drive size and corresponding capacitance. Some units may take longer**
3. All parameters should be manually re-entered. The bypass is likely not to need to be re-programmed as most customers do not use the features available. The drive should be re-programmed manually. The PAR BACKUP should **NOT** be used as any problems that were present will be re-loaded to the VFD and the problem could then re-occur.
4. DO NOT CHANGE THE FOLLOWING PARAMETERS IN THE VFD:

1001=COMM

1002=COMM

1601=COMM

1608=COMM

9802=STD MODBUS

5302=1

5303=76.8kb/s

5304=8 EVEN 1

5310=103

5311=104

If **ANY** of the above parameters are changed follow the above procedures for recovery

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MANUFACTURER'S REPRESENTATIVE

ABBDRIVES

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