

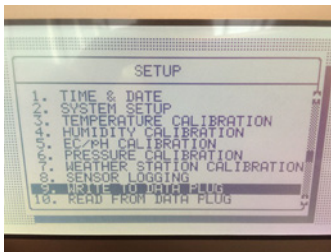
This month's edition of Netafim TechTALK focuses on Automation.

If you have an NMC controller that is misbehaving, the best place to begin is with a Cold Start. The Cold Start procedure wipes the controller's memory and resets everything back to factory defaults. If you ever have to contact Netafim for CMT (Crop Management Technologies) support, you'll almost always be asked if you've performed a Cold Start. So here's the quick start for a Cold Start.

**1. Insert the Data Plug**



**2. Write to Data Plug (Menu 6.9)\***



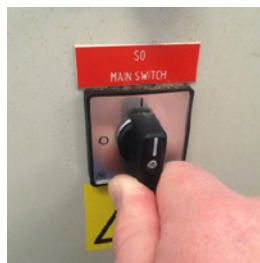
**3. Power Off the Controller**



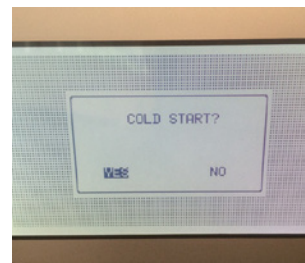
**4. Press and Hold the Delete Key**



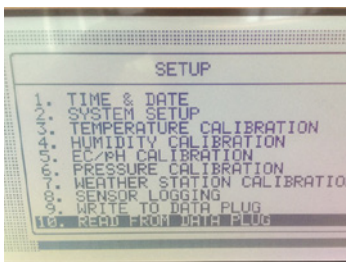
**5. Power On the Controller While Still Holding the Delete Key**



**6. Release the Delete Key and Select YES**



**7. Read From Data Plug (Menu 6.10)**



**8. Remove the Data Plug**



\* You must connect the controller to a PC if you want to save history logs and accumulations, the data plug does not keep this information.

If your issue still exists contact Netafim for further troubleshooting.

What could be causing my controller to malfunction in the first place? Many controller issues stem from dirty power (voltage drops or spikes) and interference or noise from other devices (i.e. variable frequency drives and improper grounding) or even operating the controller in extreme temperatures (below 14°F or above 122°F). If needed, your controller can be connected to a cleaner source of power (i.e. 12vDC from a battery and battery charger) for all of its logic functions while still using 110 / 24vAC to operate the controller's outputs.

For additional questions, contact your Netafim District Sales Manager or Netafim Customer Service or visit our website. If you have a suggestion for a future topic, we'd love to hear from you. Please e-mail your idea to [communications@netafimusa.com](mailto:communications@netafimusa.com). Thank you.