LPS

LPS Manual Firmware Update Procedure

This procedure will guide you through manually updating the firmware for your LPS Controller. If you have Z Control Cloud notifications turned on, you should receive a verification message after a successful update.

Tools Needed:
1. USB thumb drive; under 32GB and formatted as FAT32
2. Firmware update file from the Zoeller website

Procedure:

Formatting thumb drive and downloading update file from Website
1. If necessary, format the thumb drive as FAT32 using the following steps:
   a. Insert the thumb drive into an open USB port on a Microsoft Windows computer.
   b. In Windows Explorer, right click on the thumb drive's name and drive letter and select "Format" from the menu
   c. Ensure that the "File System" in the dropdown box is selected as "FAT32"
   d. For expediency, the "Quick Format" box should be checked
      WARNING: the next step will erase any data on the thumb drive
   e. Click "Start".   The process will usually only take a couple of seconds.

Download file from website
1. Download the firmware file named "Firmware-LPS.bin" to your computer
2. Drag the downloaded file onto the USB thumb drive
3. Eject the thumb drive from the computer

Using prepared thumb drive to program Controller
1. Insert the thumb drive into the LPS controller's USB port and leave it inserted.
   a. The red globe will flash then fast blink.
   b. After about 15 seconds the unit will chirp and the globe will slow blink.
2. Remove the thumb drive from the controller after it reaches the slow blink described above.
   a. The unit will begin the programming process, the globe will flash then turn on solid for 20 seconds.
   b. At the completion of the programming process the unit will chirp, reset, and the globe will flash then turn off.