

Arzel Zoning Technology, Inc.

HPPro Data Download and Re-Flash Software

Download for Windows XP/2003/Vista(32/64)/7(32/64)(v6.5.3)

Software Installation on computer

If you have accessed these files from “Dropbox” make certain that the small circle over the file icon is “Green” with a check mark. If any files are showing a “Blue” circle with an “x” the files are not downloaded completely.

Open the “**Arzel**” file and do the following;

1. Run **CP210x_VCP_Win_XP_S2K3_Vista_7.exe** - This will install the drivers, be sure to allow the installation of the bridge driver when it asks.
2. In the Arzel folder run **setup.exe**.
3. Back in the main directory run **WSD_V6_06.exe**
3. Connect the **HPP board** to the computer using a **USB cable**. You should see the driver being installed and then you are ready to go.

Downloading data from the HeatPumPro

1. Connect USB cable from computer to HPPro board.
2. Apply power to board. Computer should recognize new hardware connected. (You will hear your laptop make the “New Hardware” sound.
3. Navigate to the Programs on the Start menu of the computer.
4. Click on the “**Arzel HeatPumPro**” icon
5. A small window “**ArzelV2 Utilities**” will appear on your screen.
6. Set the **Com Port** Number in the window and push Set.
(it will work on com port 1 through 4)
 - a. Go into your Control Panel to System then to System Properties then to Hardware then to Device Manager then to Ports and Look for "CP210xUSB to UART Bridge Controller and see what Port it is on.
 - b. Then reset the Com port connection in the WSD screen.

7. Click the “Get Logs” Tab, you will see the Bytes Received Window start to count up. And data will fill the data section of the Utilities window.
8. Click Save Data. A “Save As” dialog will open up. Save the file to a place that you can easily find it. (I use my desktop) The default file name is HeatPumPro History. That is fine to use or rename it to reflect the customers name and the date.
9. If you could also Email that file to joe@arzelzoning.com so that we can build a library for research purposes.

10. If you open this file in Excel you can view the data and tabulate all the info into usable system operating information.

Re-Flashing HPP Software

1. Document all Set-Up wizard settings in the install manual, if not already documented.
2. Find the **ADUC** program in the programs file
3. Locate and open the “WSD” Windows Serial Downloader program, go to “**Configure**” and set the following:
 - a. **Serial Port Setting** to “**Com-2**” (or the one determined in the control panel)
 - b. **Crystal Frequency** to “**Watch Crystal**”
 - c. Hit “**OK**”
4. Reset the HPP board by pressing **and holding** the small black button just below the LCD screen and then press the Red “Reset” button.
5. Press “**Reset**” on the WSD (give the board 30 sec before moving on) should show “**Resetting Part OK**”
6. Press “**Download**” and locate the “Arzel **V1.27 hex**” file on your computer.
7. Press “**Run**”, the LCD screen should go blank and then return and show **V.1.27** on the upper right corner.
8. Press Blue Button and verify that all “Set-Up Wizard” settings have remained correct.

If technical support is required please call us 1-800-611-8312