

Red Board System Cheat Sheet

For Importing and Exporting Settings to/from USB

(last updated: 2023-03-16)

General Operation

Steps:

- (1) In order to Import and/or Export Settings (which includes both the User Settings and the Dryer Configuration Settings), the user must place a properly formatted USB stick (e.g., in the exFAT or FAT32 formats) into the back of the Red Box (near the “Software Update” label). The USB stick does NOT have to be blank/empty.

NOTE: the Dryer Panel with the Red Board must be powered down, or the RS-485 Comm Cables must be disconnected from the back of the Red Box before proceeding.

- (2) The user should then proceed to the “About” screen on the graphical user interface.
- (3) If the user desires to Export Settings, then press the “Export Settings...” button. Likewise, if the user desires to Import Settings, then press the “Import Settings...” button.
- (4a) For Exporting Settings, press the “Export” button. The button will dim and then undim when the process is completed.
- (4b) To Import previously Exported Settings, press the “Read” button to read the timestamped files from the USB Drive. Any files on the drive will appear in reverse-chronological order (i.e., most recent file on top).

Select the file to be Imported, and press the “Import” button. The button will dim while the operation is taking place (which typically takes around 20 seconds). After the “Working...” indicator goes away and the Import button undims, then the process is complete.

Notes

- (1) As stated above, the Dryer Panel with the Red Board must be powered down, or the RS-485 Comm Cables must be disconnected from the back of the Red Box before Importing/Exporting Settings. Otherwise, the system may halt (i.e., stop working) and require a reboot.
- (2) The Import/Export functionality works with Red Box versions v00.01.18 and higher.
- (3) The user CAN use the very same USB stick that is used for upgrading the Red Box for the Import/Export functionality. In other words, the RBS Settings files will not interfere with the update file, and vice-versa.
- (4) The timestamps listed on the files are in the GMT (Greenwich Mean Time) time zone, which is a standard frame of reference (since it is unknown which timezone each Red Box is located in).