

## NURO® Software Download & Update Instructions

### NURO® Boiler Controller Software Update Instructions

The NURO® control can be easily updated in the field at any time. This allows the user to take advantage of periodic HIP-K software releases which add new or improve existing functionality even when the boiler is installed and running.

**NOTE:** The latest software releases and archived versions of software will be available for download on Patterson-Kelley's rep-only website. Only qualified persons should perform software upgrades.

#### Software Update Instructions:

- 1) Download the latest software from the Harsco Industrial Patterson-Kelley website onto a USB stick. The software upgrade is located in the NURO Boiler Controller section titled, "NURO Software Upgrade".
- 2) Download the desired software file (\*.hipk) in the root directory of the USB stick.
- 3) Perform a safe removal of the drive from your computer.
- 4) Shut off power to the NURO control panel.
- 5) Insert the USB stick into one of the NURO USB ports shown in **Figures 4-1 & 4-2**.
- 6) Turn on the power to the NURO control panel and the boot loading process will begin.
- 7) Wait for the boot loading process to finish. The boot loader screen will appear as shown on **Figure 4-3**. This may take several minutes to complete.
- 8) If a more current software release is located on the USB stick then the <UPDATE> button will be available for selection.
- 9) Press the <UPDATE> button to update the software as shown in **Figure 4-3**.
- 10) After the software has been updated a box will appear on the screen indicating the update is completed.
- 11) Press the OK button.
- 12) Press the <START CURRENT PROGRAM> button as shown in **Figure 4-4**.
- 13) The software update is now complete! Enjoy the latest and greatest the NURO control has to offer!

Bulletin: NURO 001

Date: 05/11/2015

Supersedes: NONE

# TECHNICAL DATA

**HARSCO**  
INDUSTRIAL  
Patterson-Kelley

**Figure 4-1**  
Rear USB Port



**Figure 4-2**  
Side USB Port



**NOTE:** The NURO control features two USB ports: one on the back surface (Figure 4-3) and another on the left surface (Figure 4-4). Either USB port can be used for the software upload.

Bulletin: NURO 001

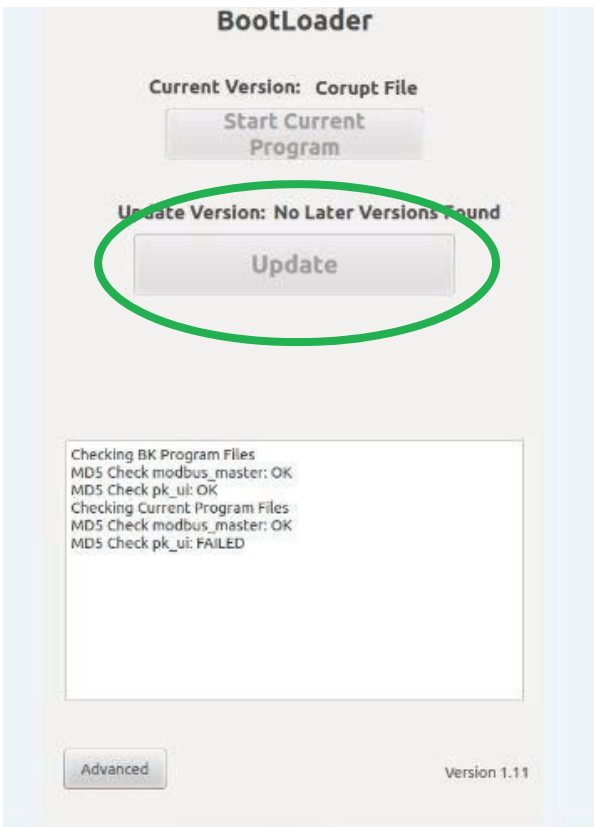
Date: 05/11/2015

Supersedes: NONE

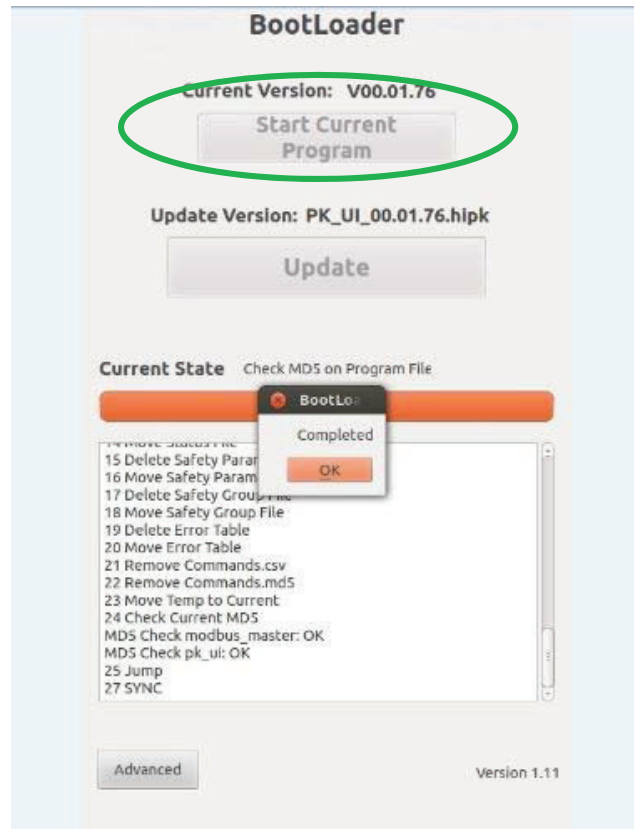
# TECHNICAL DATA

**HARSCO**  
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**Figure 4-3**  
Update Screen



**Figure 4-4**  
Start Current Program Screen



**NOTE:** The boot loader allows the latest software on the USB drive to be uploaded to the NURO control. If a previously released version other than the latest one is desired then press the <ADVANCED> button in the lower left corner.