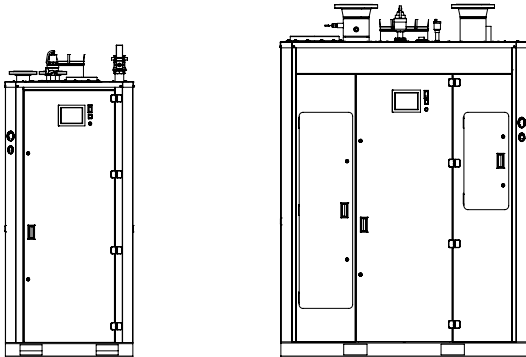


CONCERT™ DISPLAY REPLACEMENT INSTRUCTIONS

PN: 113347-11

Rev. A, 9/25



1000-3000 Models

3500-6000 Models

⚠ WARNING

Prior to attempting any service on this boiler, read, understand and follow all instructions as outlined in these Instructions and the Installation, Operating and Service Instructions provided with the boiler and available on the manufacturer's website. Installation must be performed only by an experienced, skilled, and knowledgeable installer or service agency.

⚠ DANGER

Explosion Hazard. Electrical Shock Hazard. Burn Hazard.

Flammable gas, high voltage electricity, moving parts, and very hot water under high pressure. Assure that all gas and electric power supplies are off and that water temperature is cool before attempting any disassembly or service. Do not rely solely on temperature/pressure gauge to make this determination.

A. 1000-3000 Concert display kit 113347-01

- 7" Display
- These instructions

B. 3500-6000 Concert display kit 113347-02

- 7" Display
- These instructions

C. Required Tools

1. P2 Philips screw driver
2. 3/32" flathead screw driver

NOTICE:

Replacement Concert displays are programmed at factory but may require an update to the software revision.

D. Required for programming display

Note: Replacement Concert displays are programmed at factory but may require an update to the software revision.

1. USB Type A flash drive with at least 1GB of free space. Formatted to FAT32 (typical).

NOTICE:

Drives larger than 1TB may cause an error when formatting to FAT32.

2. Windows PC
3. Digital copy of document TSED-013 to check revision and access links to update files. Visit Google Drive link: <http://bit.ly/4fCisZA>

E. Turning off the appliance

1. Follow procedure for turning off outlined in "To Turn off Gas to Appliance" on the side panel or in the manual.
2. Disconnect electrical power.

F. Display replacement

1. Open front door. (2 turn latches)
2. Remove all connectors from display. Use 3/32" flathead for power connector and COM port.
3. Remove the display from the bracket by loosening the clips with a size 2 screwdriver.
4. Install the new display and reassemble the connectors and display box.

G. Check software revision

1. If display is not programmed, move on to the downloading software and programming steps.
2. From the home screen, press the info ⓘ button to view the display software revision.
 - a. If the Concert revision on the screen matches the newest revision on TSED-013, the software is up to date.
 - b. If the revision is older, continue to download software and program the display.

H. Downloading software

1. Download the files from the links in TSED-013.
2. If the downloaded file is in a .zip folder, extract it.
3. Copy the folder named HMI_AutoUP on the root of the flash drive, so it looks like Figure 1.

Concert Display Replacement Instructions

I. Programming the new display

1. Power the display by turning on power to the appliance.
2. Insert flash drive into USB port.
3. The display will detect the flash drive and a prompt will appear: "Start automatic update?" Choose "YES".
4. The screen will show a loading bar for "updating files" after which another prompt may appear. On the top bar of the prompt, it will say "Ver#####" → "Ver#####". If the numbers are the same, select "NO" for "Continue to update firmware?" and skip to step 7.
5. If the update contains new firmware, the display will automatically detect this and begin the firmware update. The display will take a few minutes to update the firmware. It will go through several screens with loading bars. Be patient and DO NOT REMOVE THE FLASH DRIVE during this process until the display reaches step 5a or step 6.
 - a. If it does not succeed on the first try, it may ask to "Continue" or "Try again" for which you should select "Yes".
6. When the update is complete a loading screen will appear that says, "Accessing screen data", followed by "Running initial macro", followed by the Concert boot screen, and then the home screen will appear.
7. The "Start automatic update?" prompt may appear again. Select "NO".
8. Remove the flash drive. A warning will appear that says, "The device has been removed". Select "OK".

NOTICE:

Updating the software may wipe out your boiler configuration and other settings. You can save your settings by going to the Archives menu and "Save Parameters to USB". You can then reload them after you have updated the software. See Concert Boiler Control Manual for further instructions.

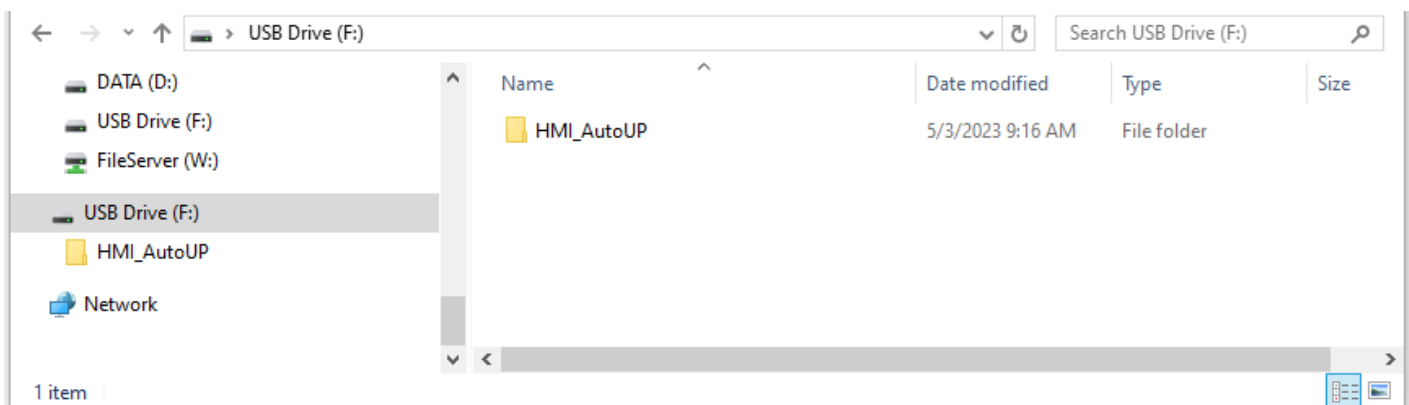


Figure 1: USB drive with HMI update file