

Applies to control panel 10013401, 10013548, 10014257, 10015704, 10015705



Read the installation instructions for the units and observe the safety information.

The target group for this installation manual is trained qualified personnel entrusted with the technical functioning and operation of the unit.

Safety instructions

Organizational measures

Risk of property damage and personal injury from lack of organizational measures

- Use equipment and protective gear suitable for the activity.

Danger of electric shock from live components.

- Prior to working on the electrical system, switch off the unit, disconnect the electrical system from the mains and prevent power from being switched on again. Check to ensure the system is dead.
- Use only insulated tools.

Check before replacing



Troubleshoot using the service manual.

Test step

- Ensure power is supplied to the operating panel.
- Make sure that the "On/Off" switch functions properly.
- If fault messages appear, troubleshoot using the procedure in the service manual.
- If there are traces of moisture in the electrical area, first eliminate the cause.

Order of steps

- Removing the operating panel

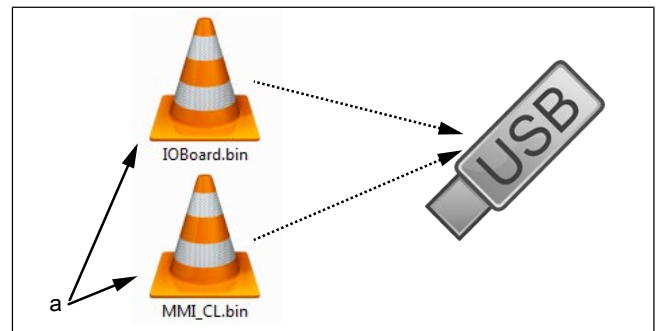
- Attaching the film keypad
- Installing the control panel with new cables
- Software update

Preparing the USB stick

Prerequisite

- USB stick.
 - ↳ Maximum size 32 GB.
 - ↳ Formatting FAT32 (standard) or FAT.
 - ↳ The disk should be empty if possible.
- Current software update.
 - ↳ The update is provided as packed ZIP file.

Preparing the USB stick



a Update files

- Open and download Zip file and unzip. In general, the unzipped files are in the same directory as the previously compressed folder.
- Copy **both** update files directly on the USB stick.
 - ↳ The update always consists of two files.
 - ↳ The files have the extension "bin".
 - ↳ File 1: "IOBoard.bin".
 - ↳ File 2: "MMI_CL.bin".

INFORMATION

There must always be both files on the USB stick, otherwise no update is possible.

Opening the control panel

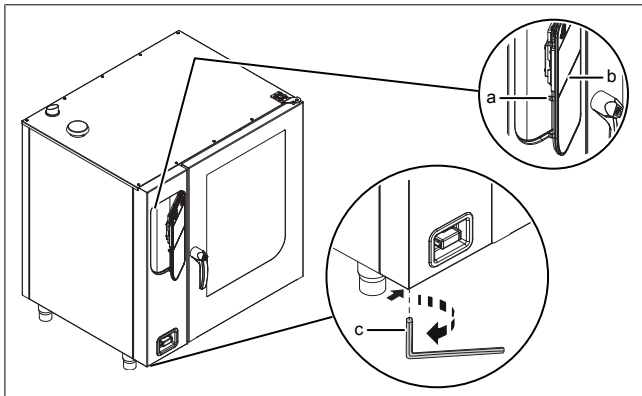


Image: Opening the control panel

- a Lock (cam)
- b Operating panel
- c Hex key

1. Insert hex key (5 mm) into screw and turn it clockwise.
 - ↳ The operating panel is now unlocked.
 - ↳ The operating panel pops up automatically.
2. Withdraw the hex key.

Removing the operating panel



- a Control panel power supply
- b Control panel communication cable
- c On/Off switch cable
- d Operating panel

- Disconnect the USB cable and connector from the On/Off switch on the control panel.
- Unplug the connectors of the other two cables from the control board. The cables need to be replaced.
- Remove operating panel by lifting.

Attaching the film keypad



- a Per area of operating panel without foil

- Prepare the new operating panel. Affix included foil.

Installing the control panel

Reassembly is carried out in reverse order. Replace the two cables connected to the control board.

Closing the control panel

Close the control panel by repeatedly pressing the left side (particularly in the upper left). The control panel locks noticeably at multiple points.

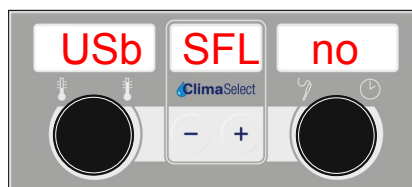
NOTICE

Damage due to vapor / moisture

There should be no gap between the control panel and housing.

Updating the software

- Switch on the unit.
 - ↳ The left display shows "USb".
 - ↳ The middle display shows "SFL".
 - ↳ The right display shows "no".



- Insert the USB stick
 - ↳ "no" is no longer displayed.

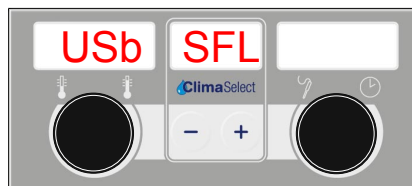


Image: USB stick with software update detected

- If the right display continues to show "no", no update was detected on the USB stick.
 - ↳ Check contents of USB stick. Both files must be present.
 - ↳ Check USB stick.
- Press the "START STOP" button for 3 seconds.
 - ↳ Update begins.
 - ↳ The middle display shows "---".

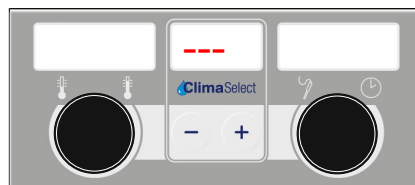


Image: Software update active - do not turn off unit

INFORMATION

The update can take up to 15 minutes.

Finally an automatic restart of the software occurs.