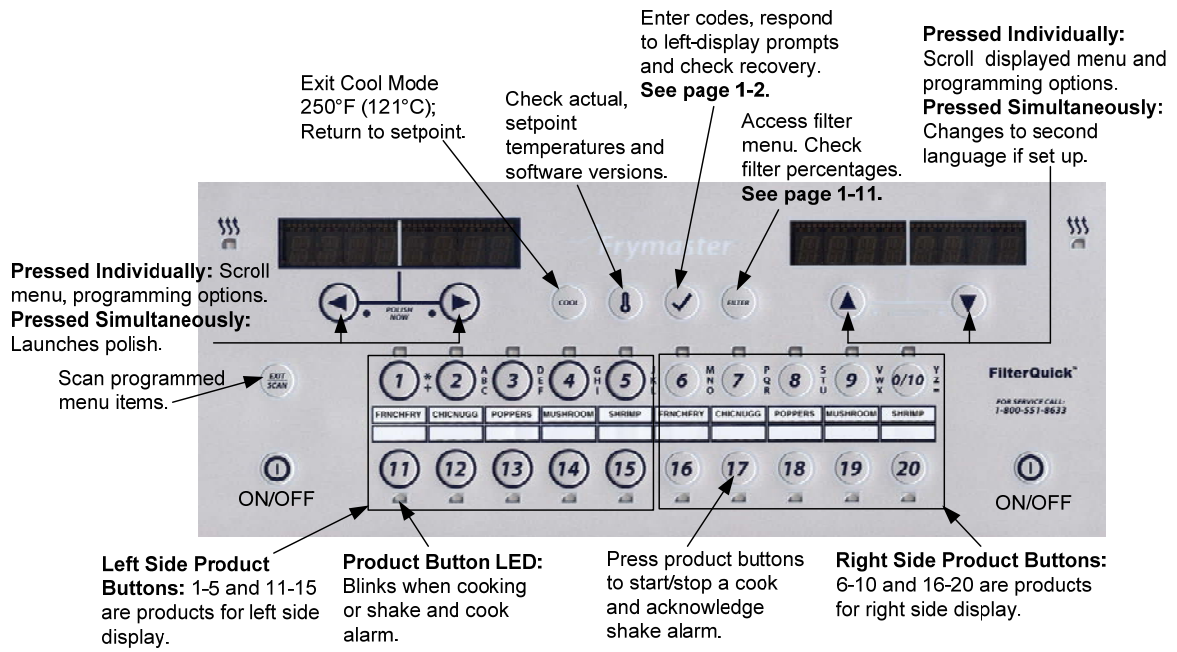


FilterQuick Controller Field Replacement for FilterQuick Models



**CONTROLLER
REPLACEMENT IS NOT
PLUG AND PLAY
Accurate setup is essential**

The FilterQuick service controller ships with the latest software installed and with an SD card for updating other FilterQuick controllers on the fryer bank. There are important assessments that have to be made to ensure the service controller is properly set up for the fryer it is being installed on and that it's in sync with the settings of the mounted controllers.

- Ensure the fryer to get the controller is a FilterQuick model. FilterQuick fryer controllers are linked by an orange CAN network cable and share data.
- Is the fryer connected to a bulk oil or waste system?

The controller must be set to match the setup of the fryer and the other FilterQuick controllers on the fryer. The service FilterQuick controller's default setup is: Fuel: **Gas**; Type: **GL30 Full**; Fresh Oil: **JIB**; Waste Oil: **None**. Controllers in a CAN bus-linked system with mismatched settings will exhibit operational errors.

Follow the steps in Section 1.4 in the provided manual to assess the settings of the leftmost controller on a FilterQuick fryer. Make a note of each setting, they will have to be transferred to the service controller.

Follow the instructions on the following page to replace a FilterQuick controller and start the setup for a FilterQuick controller on a FilterQuick fryer.

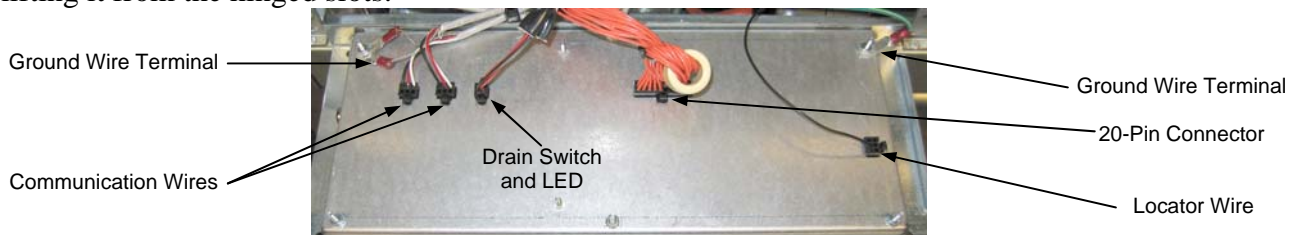
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Replacing the Controller

1. Follow the steps in Section 1.4 in the provided manual to record the settings of the **replacement controller** on the FilterQuick fryer. **Make a note of all settings (include all 20 buttons in Product Set-up and Vat Set-Up to include System, Time/Date, DST and Filter). They will have to be transferred to the new service controller.**
2. Disconnect the fryer from the electrical power supply.
3. Open the control panel by removing the screws on the bottom of the bezel. Carefully lower the bezel.
4. Remove the two screws from the upper corners of the controller. The controller is hinged at the bottom and will swing open from the top.
5. Unplug the wiring harnesses from the connectors on the back of the controller, marking their position for reassembly. Disconnect the ground wires from the terminals. Remove the controller, lifting it from the hinged slots.



6. Install the new replacement controller in the far most left position to setup up the controller.
7. Attach the ground wires and harnesses removed in step 5.
8. Rotate the controller up and install one screw to position it for the setup sequence.
9. Follow the instructions below to setup the controller to match the settings recorded earlier from the fryer bank's leftmost controller.

NOTE: The rightmost controller will also have an end-of-line resistor. It must be transferred to a new controller occupying the rightmost position.

Setup: FilterQuick Fryers

Left Display	Right Display	Action
OFF	OFF	Press ✓ until the controller scrolls Info Mode, changing to Main and then PRODUCT SETUP.
PRODUCT SETUP	Blank	Press ► to scroll to Vat Setup. Press ✓.
VAT SETUP	ENTER CODE	Enter 1656
SYSTEM		Press ✓.
LANGUAGE	ENGLISH	Press ▼▲ to scroll to another language. Press ►.
2ND LANGUAGE	SPANISH	Press ▼▲ to scroll to another language. Press ►.
LOCALE	NON-CE	Press ▼▲ to change locale. Press ►.
ENERGY	GAS	Press ▼▲ to change to ELEC if necessary. Press ►.
TYPE	GL30 FULL	Press ▼▲ to scroll to GL30 Split (GL...OSP designations are for European usage.) if necessary. Press ►.
SYSTEM VOLUME	5	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
TEMPER FORMAT	F	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
EXIT MELT TMR	180F	Press ▼▲ to change to setting recorded from fryer controller. Press ►.

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Left Display	Right Display	Action
COOL MODE TMPR	250F	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
COOL MODE DEFAULT	0	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
FRESH OIL	JIB	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
WASTE	NONE	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
RECOVERY ALARM	DISABLED	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
BASKET LIFT	DISABLED	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
HOLD TIME	AUTO	Press ▼▲ to change to setting recorded from fryer controller. Press ►.
EXIT	EXIT	Press ✓.

10. If moving the controller to another location, lower controller and remove locator pin jumper harness.
11. Reinstall the original left most controller and install the new replacement controller in the desired position.
12. Install locator pin from fryer control box and end-of-line resistor (if controller is going into rightmost position.)
13. Attach orange CAN bus wires.
14. Rotate controller up and secure on control box.
15. Move to the leftmost controller and install the software, following the provided software update instructions.
16. Return to these instructions after the software update.
17. Perform the setup sequence from Section 1.4 in the manual on the leftmost controller, which ensures all settings in the master controller (the leftmost position) are shared with all controllers in the bank. The steps for Time and Date and Daylight Savings Time must be followed as well.
18. Determine if the restaurant assigns filter counts and cool mode time to their menu items and relies on the controller to prompt for filtering after a programmed cook count. The parameters for filter counts and cool mode time, if used, must also be programmed into the replacement controller.
Note: All controllers in a bank of fryers may not all be set to the same filter count or cool mode time.
19. If a chicken restaurant, determine if segmented cooking cycles are used for bone-in chicken.
20. Follow the instructions in Sections 1.6, 1.7 and 1.8 to program the controller for the restaurant's menu.
21. When programming the replacement controller is complete and the controllers are in the correct location, the entire fryer bank must be power cycled to ensure all parameters (including date and time) transfer to all controllers.