

INSTRUCTIONS FOR ASSEMBLING FH50 FV FILTER-READY FRYERS TO FPH250 FRYERS (KIT 8261479 [FPH250] AND KIT 8261480 [FPH250-2R])

1. Disconnect the existing FootPrint unit from the electrical power source and gas supply, and reposition the unit to allow access to all sides.
2. Remove the right door from the FootPrint unit and the door from the filter-ready unit.
3. Remove the access panels on the left side of the filter-ready unit that align with the drain tube and oil return lines on the FootPrint unit.
4. If the right side of the FootPrint unit has access panels, remove the panels that align with the drain tube and oil return line, then skip to Step 6. Otherwise, continue with Step 5.
5. Position the fryers next to each other, ensuring that corresponding cabinet components are aligned. Mark the side of the FootPrint unit using the cutouts in the side of the filter-ready unit as a template. Separate the fryers and, using an appropriate tool, cut openings for the drain tube and oil return line into the side of the FootPrint unit, being careful not to cut or otherwise damage other components of the fryer. Use a file or grinder to remove any sharp edges from the openings.
6. Position the fryers next to each other and clamp the cabinets securely together, ensuring that corresponding cabinet components are aligned.
7. Place one of the square fryer-joining plates across the front surface of the cabinet sides just below the lower screw securing the top door hinge in place and mark the centers of the four holes. Remove the plate and drill $\frac{1}{8}$ " holes at the points marked. Install the joining plate using four of the #8 x $\frac{1}{2}$ " hex head screws included with the filter-ready installation kit. Similarly, install a plate just above the lower hinge at the bottom of the units.
8. At the rear of the unit, install the remaining two joining plates, one about 3" below the top edge **of the side** (not the flue) and the other just below the bottom edge of the fryer back panel. NOTE: If both units have basket lifts, install the upper plate on the basket lift. If only one unit has basket lifts, install the plate with its top edge as close as possible to the bottom of the basket lift.
9. Position the rectangular flue cap joining plate over the joint between the flue caps of the two fryers, centered top to bottom. Mark the centers of the six holes, remove the plate, and drill $\frac{1}{8}$ " holes at the points marked. Install the joining plate using the six #10 x $\frac{1}{2}$ " nickel plated screws included with the installation kit.
10. Snap the connecting strip over the joint between the FPH50 frypot and the FH50 frypot with the pointed end toward the front of the frypots.

For Steps 11 through 13, refer to the illustration below.

11. Remove the 1/2" NPT pipe plug from the rightmost tee on the existing FootPrint unit (and, if present, on the left side of the filter ready unit's tee). NOTE: If the existing FootPrint unit has an elbow instead of a tee, replace the elbow with the tee included in the installation kit. When replacing/installing components, use Loctite™ PST56765 or equivalent thread sealer on the threads.
12. Install the 15 1/2" flexline between the two units, using Loctite™ PST56765 or equivalent thread sealer on the threads (see Figure 1 below). Wrap the pieces of self-adhesive foam insulation around the corrugated portion of the flexline.
13. On FPH250 units (Kit 826-1479), remove and discard the right (closed-end) square drain section from the existing FootPrint unit. Replace it with the long, open-ended drain section furnished with the kit, then attach the short, closed-end section. Connect the drain sections together using the existing rubber boot and bar clamps and the new boot and clamps furnished with the kit (see Figure 2 below). Use the wing nut furnished with the kit to secure the rightmost drain section to the drain support bracket attached to the FH50 drain valve.

On FPH250-2R units (Kit 826-1480), remove and discard the closed end section of the existing drain and replace it with the long, open-ended drain section furnished with the kit. Add the short, closed-end drain section furnished with the kit. Connect the drain sections together using the existing rubber boot and bar clamps and the new boot and clamps furnished with the kit (see Figure 3 below). Use the wing nut furnished with the kit to secure the rightmost drain section to the drain support bracket attached to the FH50 drain valve.

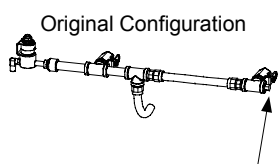
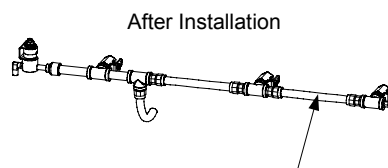


Figure 1
Attach Flexline



Remove pipe plug
from rightmost tee.

Install flexline between
tees on FPH250 and FH50.

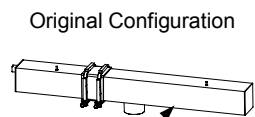
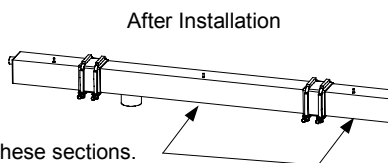


Figure 2
FV FPH250
Kit 826-1479



Remove this section.

Add these sections.

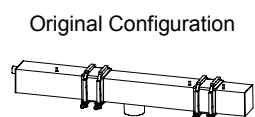
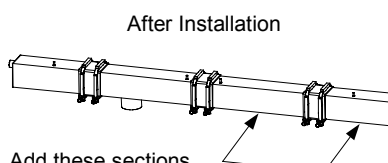


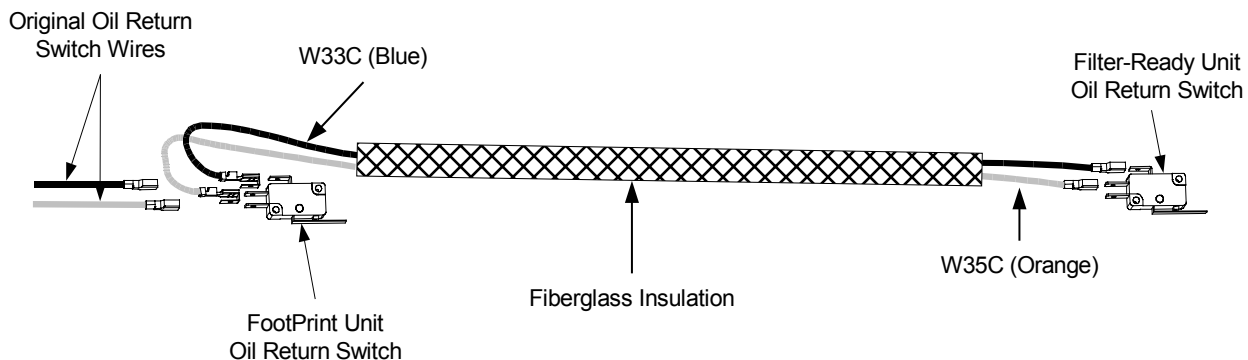
Figure 3
FPH250-2R
Kit 826-1480



Remove this section.

Add these sections.

14. Connect the fryer-to-fryer jumper wires with the single terminals to the terminals of the filter-ready unit's oil return switch as shown in the illustration below, with Blue to Common and Orange to Normally Open. Disconnect the wires from FootPrint unit's oil return switch and connect the jumper wires with the piggy-back terminals to the Common and Normally Open terminals as shown in the illustration. Reconnect the FootPrint unit's oil return switch wires to the piggy-back terminals of the jumper wires, matching blue to blue and orange to orange.



15. Replace the doors on the assembled unit, and reconnect the unit to the gas and electrical power supplies.