



Pictures and additional
information:
Corresponding Chapter of
Equipment Manual

When
Semi-Annually

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Arch Fry Dispenser

Automated Equipment LLC.
Model AFD-200

Precaution

Hazard Communication Standard (HCS) - The procedure(s) in this manual include the use of chemical products. These chemical products will be highlighted with italic-faced letters followed by the abbreviation (HCS). See Hazard Communication Standard (HCS) manual for the appropriate Material Safety Data Sheet(s)

Planned Maintenance

1. Turn the dispenser power switch to the off position.
2. Unplug the dispenser power cord from the wall and disconnect the airline.
3. Check the air line and quick disconnect for leaks.
4. Purge any water from the compressor air tank. (This should be done on a regular basis. Call Schwan's Food Service Automated Equipment, LLC. if you need assistance.)
5. Verify the hopper is not touching the accumulator doors. (The hopper should be centered with the accumulator doors.)
6. Verify the accumulator door collars are tight and adjusted 1/8 inch (4mm) away from the cladding.
7. Remove the hopper from the dispenser and clean the dispenser (refer to the daily closing procedure in your manual).
8. Inspect the hopper and drum for damage.
9. Inspect the lift saddle and guide slides on the basket guides for signs of excessive wear and loose screws.
10. Remove the dovetail block and carriage guide. Clean the dove tail block, carriage guide and screws. Reassemble using blue Loctite on the screws.
11. Center the upper and lower guides with the lift saddle and tighten the collar set screws.
12. Remove the back panel of the dispenser.
13. Remove the water trap bowl from the pressure regulator.
14. Inspect the contents of the water trap bowl. If the bowl is more than half full of water, or if there is an excessive amount of debris in the bowl, clean the bowl with warm soapy water. If the bowl is cracked contact Schwan's Food Service Automated Equipment, LLC. Service for assistance.

Note: It is normal for a moderate amount of debris to be stuck to the walls of the bowl. The bowl may appear cloudy because of this. It is only a concern if there appears to be enough debris to interfere with the operation of the float.

15. Reinstall the water trap bowl.
16. Reconnect the airline.

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17. Check and adjust the air pressure to 80psi.
18. Check and adjust the lift speed as needed. (2 seconds in each direction. Refer to procedure in your manual)
19. Check and adjust the stop gate speed as needed. (1 second in each direction. Refer to procedure in your manual)
20. Check and adjust the accumulator door speed as needed. (1/2 second opening and 1 second closing. Refer to procedure in your manual)

WARNING: Do NOT attempt to adjust or touch any of the wiring in the cabinet while the dispenser is plugged in.

21. Calibrate the load cell. (refer to procedure in your manual)
22. Verify the basket sensor operation (PE1 & PE2). Only the green light should be on when there is no basket in front of the sensor.
23. Unplug the airline (to put the dispenser into an error so it will not operate).
24. Place your hand directly in front of the lift sensor. Verify that the red and green lights on PE1 are on.
25. Move your hand straight out in front of the sensor until the red light goes out. Then move your hand back towards the sensor until the red light comes back on. Your hand should be 4 to 6 inches away from the sensor.
26. Repeat steps 24 and 25 for the guide sensor and PE2.
27. Turn the power off.
28. Replace the back panel.
29. Finish reassembling the dispenser.