SUBJECT

ULTRAFRYER ULTRASTAT21 COMPUTER POLY-BAG PROTECTIVE COVERING

I PURPOSE:

Some Ultrafryer Ultrastat21 Computers have been disabled because moisture has been introduced into the computers electronics. Investigations of these incidents by the computer manufacturer revealed that any moisture getting into the circuitry of the computer has the potential of damaging and disabling the computer and is not covered under any warranty provisions. Consequently a **POLY-BAG PROTECTIVE COVERING,** developed by Ultrafryer Systems, is now placed on Ultrastat21 Computers installed in all **NEW** Electric and Gas Fryers. This Technical Information Letter **(TIL)** provides a description of the **NEW** protective bag that covers the computer to prohibit moisture from entering the delicate computer electronics. It also provides procedures to remove the computer from the door, proper bagging procedure and reinstallation of the computer to the fryer door. It is suggested that all Ultrastat21 Computers installed in existing Ultrafryer Systems Fryers be fitted with the Poly-Bag Protective Covering as soon as possible. Sufficient quantities of the Poly-Bag Protective Covering Kits, PN 26A002, can be ordered through the Customer Service Department by calling 1-800-525-8130.

II PRECAUTIONS:

A. To preclude moisture damage to an Ultrastat21 Computer that is not covered by a warranty, suggest **ALL** Ultrastat21 Computers presently in use be fitted with a Poly-Bag Protective Covering as soon as possible.

B. Recommend installation of a Poly-Bag Protective Covering of an Ultrastat21 Computer according to this Technical Information Letter be accomplished by authorized Service Agents or a technician qualified to service Ultrafryer Systems Electric and Gas Fryers.

C. Poly-Bag Protective Covering Kits are now available through the Customer Service Department by calling 1-800-525-8130 under PN 26A002.
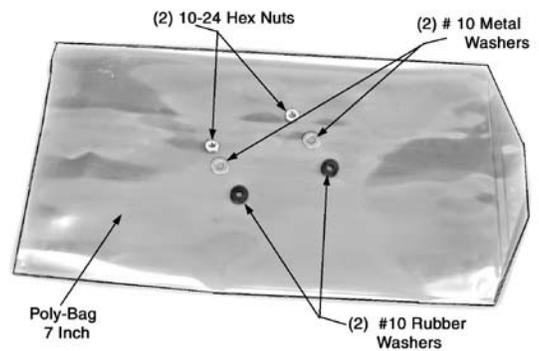
III PROCEDURES:

A. COMPUTER REMOVAL - The Ultrastat21 Computer should be removed from the fryer door as described below:

1. Ensure the Toggle ON/OFF Switch on the fryer is in the Off position.

2. Open the fryer door and disconnect the 15 Pin Male Plug from the Female Socket on the back of the computer.
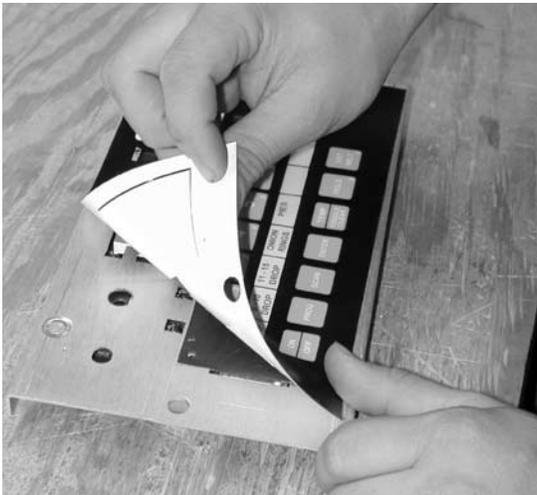
3. With a knife edge work around the perimeter of the computer back to remove the silicon sealing around the computer's metal housing against the fryer door.

4. Shut the fryer door and **CAREFULLY** work the knife edge around the "oval" opening between the door and the faceplate of the computer. **BE CAREFUL NOT TO DAMAGE THE MENU STRIP OVERLAY,** as it will be reused.

5. Open the Fryer door again and remove both speed nuts securing the computer to the door. The computer should be free of the door and easily lifted off the weld studs secured to the fryer door.

B. BAGGING OPERATION

The Poly-Bag Protective Covering Kit **PN 26A002** consists of a poly-tube envelope with a **CAUTION** label, two (2) 10-24 s/s hex nuts, two (2) #10 rubber washers, two (2) #10 s/s washers as shown to the right. Also included is a copy of these instructions as shown below.
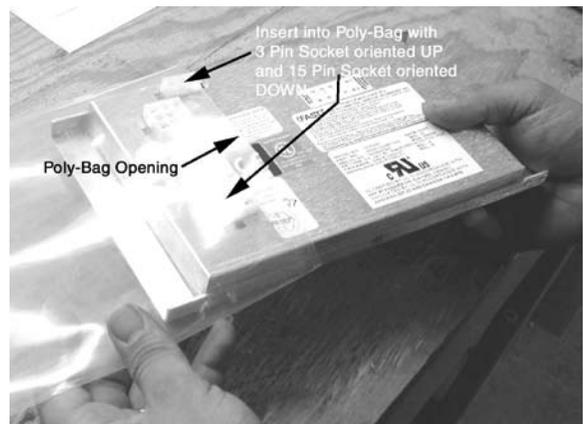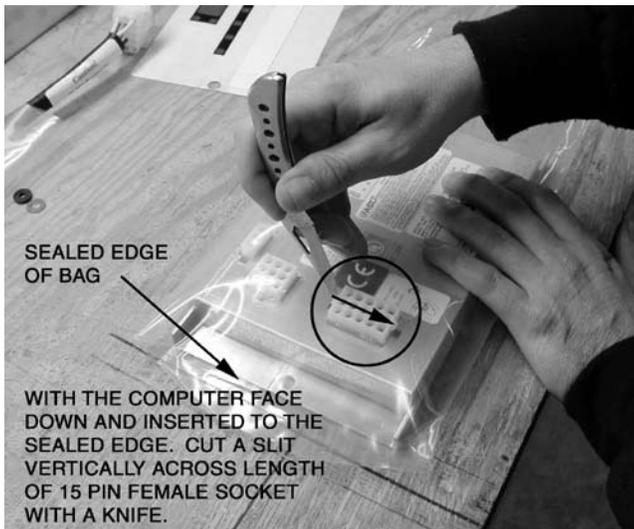

Correctly bag the computer as follows:

1. Carefully remove the Menu Strip Overlay from the front of computer being careful not to tear the Overlay in this process. **NOTE: IT IS TO BE REUSED.**
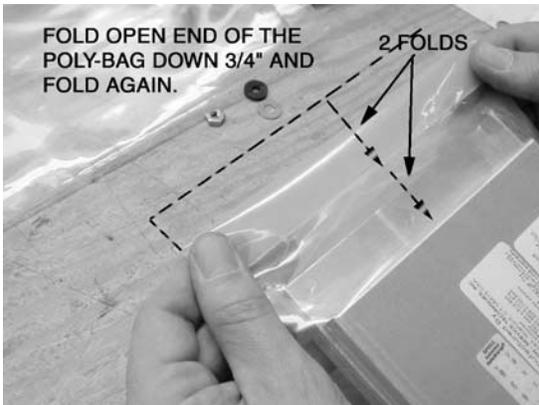
2. Insert the computer into the Poly-Bag as shown in the picture to the right. Note: Computer is face down inserted into bag opening with the 15 Pin Female Socket oriented **DOWN** and the 3 Pin Female Socket oriented **UP.**

SEALED EDGE
OF BAG

WITH THE COMPUTER FACE
DOWN AND INSERTED TO THE
SEALED EDGE. CUT A SLIT
VERTICALLY ACROSS LENGTH
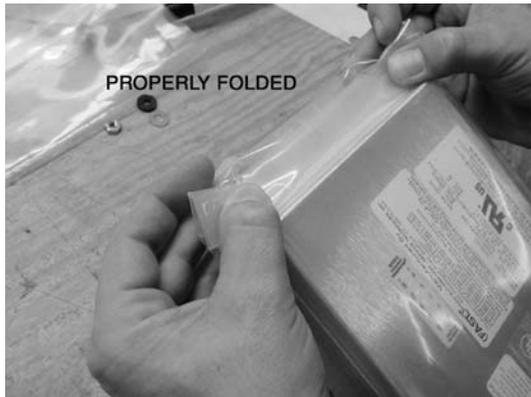OF 15 PIN FEMALE SOCKET
WITH A KNIFE.

3. **ENSURE** the computer inside the Poly-Bag is fully inserted to the sealed edge. Press the bag down over the 15 Pin Socket, and with a knife, cut a vertical slit down the length of the socket.

4. Check the length of the slit by spreading the Poly-vinyl over the 15 Pin Socket.

SPREAD POLY-VINYL MATERIAL
OVER 15 PIN FEMALE
SOCKET.

FOLD OPEN END OF THE
POLY-BAG DOWN 3/4" AND
FOLD AGAIN.

2 FOLDS

5 Grasping the Poly-Bag at the **OPEN END** fold it **DOWN** 3/4" and fold down a second fold of 3/4" and securely hold the folds.

PROPERLY FOLDED

6. While holding down the folded poly-vinyl, insert a screwdriver, punch, or knife point thru the folded plastic and the mounting hole until it protrudes through the bag on the opposite side. Repeat this step to punch a hole in the other mounting hole.
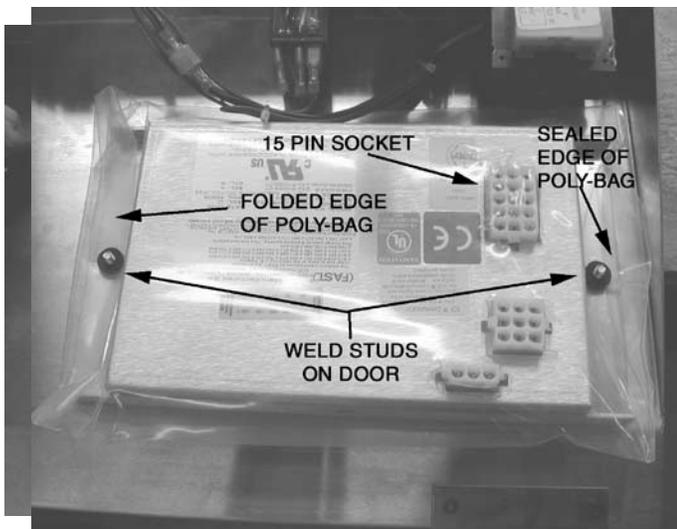
ALIGN HOLE IN FACEPLATE ENDS WITH MOUNTING HOLES IN THE COMPUTER.

7. Turn the computer over with the fold to the left. Align the holes in the Menu Strip Overlay with the mounting holes in the computer and secure the overlay onto the poly-vinyl. **Ensure the Overlay is not upside down to the computer.**

A properly aligned Overlay and Bagged Computer should look like the photo to the right.
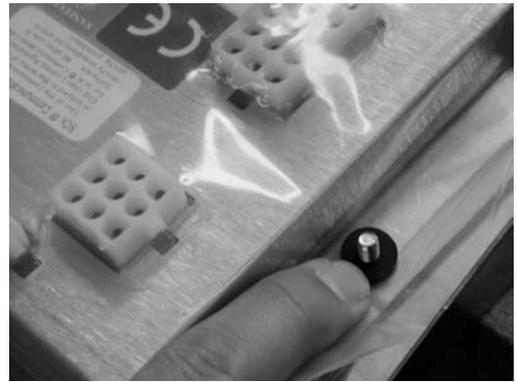

C. COMPUTER INSTALLATION

15 PIN SOCKET

SEALED EDGE OF POLY-BAG

FOLDED EDGE OF POLY-BAG

WELD STUDS ON DOOR

1. Mount the computer onto the door by inserting it onto the weld studs as shown in the photo on the left.

2. Place the #10 rubber washers, #10 metal washers and 10-24 hex nuts over the weld studs and **CAREFULLY** tighten with a nut driver to secure the bagged computer. **DO NOT OVER-TORQUE THESE NUTS**. It is possible to break the weld studs off the door.

3. Dress the slit poly-vinyl around the 15 Pin Female Socket and plug the 15 Pin Male Plug from the fryer into the Female Socket.

4. Close the fryer door, turn the fryer ON and test operate the computer.

5. Seal around the computer opening on the door front with a small bead of silicon and wipe off the excess with a damp cloth or finger.

NOTE: QUESTIONS TO THE CONTENTS OF THIS PUBLICATION SHOULD BE REFERRED TO THE CUSTOMER SERVICE DEPARTMENT AT 1-800-525-8130.