

# TECHNICAL SERVICE BULLETIN

<b>TSB-MFT-0024</b>	
Effective Date: Dec 20, 2017	
Revision: 02	

<b>SUBJECT:</b>	<b>Gen1 Lock UPS Battery Verification Test</b>
<b>MODELS:</b>	<b>Locking models: 13/19/22-USGF, 13/19/22-USGR, 43/44-UDGR, 43/44-UDGF</b>

Models equipped with an Electronic Food Health Timer Locking system utilize an Un-Interrupted Power Supply (UPS). The UPS battery has a life span of approximately four (4) to six (6) years. It is important to test the UPS at regular intervals to verify the UPS battery is performing properly. If the battery is faulty or near the end of its lifecycle, then in the event of a power outage your health timer equipped unit will NOT lock out and it will also NOT restart upon return of power. For these reasons it is important to replace any faulty UPS batteries.

Please have ready a Phillips screwdriver and an extension cord long enough to reach the nearest 115V electrical wall outlet. These two items may be required to perform the UPS test. The following instructions will guide you through the test procedure to determine battery performance.

## UPS Battery Test Procedure

### Step 1:

Ensure the appliance is connected to the electrical wall outlet and the switches located on the electronic controller are in the "ON" position. Check to see whether the interior LED lights are illuminated. If not, re-check the power supply connection and switch positions.

### Step 2:

Verify the electronic controller display condition. If the display is blank, go to Step 3. If the display is active (not blank), go to Step 4.



Blank (inactive)



Active

### Step 3:

Check whether contents of unit are safe for consumption. If not, remove contents from the unit and discard. Go to Step 6.

### Step 4:

Is the UPS is emitting a constant tone? If so, go to Step 6. If not, turn off the appliance's power switch located beside the electronic controller.



Power Switch

### Step 5:

If the electronic controller display is blank, go to Step 6.



Blank (inactive)



Active

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**a)** If the electronic controller display is active, wait for five (5) minutes. An expired UPS battery will be beeping rapidly every half second over the five-minute span. If this occurs, go to Step 6.

**b)** If the UPS beeps 2 to 4 times every 30 seconds over the five-minute span, the UPS is functioning properly. Press the appliance's power switch to the ON position. No further action is required at this time and skip the Step 6. Continue to test the UPS at regular intervals depending on the age of UPS.

**Step 6:**

a) Locate the UPS at one of these four locations:

- Inner left side of compressor compartment (requires front bottom grill removal)
- Inner right side of compressor compartment (requires front bottom grill removal)
- At the back of the compressor compartment (requires removal of rear grill)
- Upper back or top of cabinet

b) Unplug the power cord from the UPS and plug it into an extension cord.



c) Plug the extension cord into a wall outlet.

d) Press the power switch on the electronic controller to the ON position and verify the display is active.



e) While the appliance is configured this way by bypassing the UPS, it will NOT lock in the event of a power outage. For this reason it is recommended that you carry out one of the following precautionary steps until the UPS battery is replaced and normal operation can resume:

- Remove all perishable food items from the unit, or
- Lock the appliance's door by pressing the 'P' and 'U' buttons on the controller for at least 5 seconds or until the lock engages. Keep the unit locked until the UPS battery is replaced.

f) Replace the UPS as soon as possible.

**IMPORTANT!**  
**READ ALL INSTRUCTIONS AND SAVE FOR FUTURE REFERENCE.**  
**REMEMBER TO PERFORM UPS VERIFICATION TESTS ON A REGULAR BASIS.**